

## REVIEWED

By Mike Buchanan at 3:16 pm, Oct 16, 2024



## 2023 ANNUAL GROUNDWATER MONITORING REPORT

Blanco Plant – North Flare Pit

Review of the 2023 Annual Groundwater Monitoring Report for El Paso Natural Gas Company, Blanco Plant - North Flare Pit:  
Content Satisfactory

1. Continue as planned to manually bail LNAPL where present in wells: MW-32, MW-47, MP-1 and TW-2, and conduct groundwater sampling in groundwater wells without measurable product.
2. Please sample for BTEX by EPA method 8260D and nitrate by method EPA 300.0
3. Report results and findings to the OCD in the next annual monitoring report by April 1, 2025.

NMOCD Incident No.  
NAUTOFCS000155

Prepared for:

El Paso CGP Company, LLC  
1001 Louisiana Street  
Houston, Texas 77002

Prepared by:

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

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**2023 ANNUAL GROUNDWATER MONITORING REPORT****Abbreviations**

|        |                                                   |
|--------|---------------------------------------------------|
| bgs    | below ground surface                              |
| BLM    | United States Bureau of Land Management           |
| BTEX   | benzene, toluene, ethylbenzene, and total xylenes |
| EPA    | United States Environmental Protection Agency     |
| EPCGP  | El Paso CGP Company, LLC                          |
| EPFS   | El Paso Field Services                            |
| EPNG   | El Paso Natural Gas Company, LLC                  |
| LNAPL  | light non-aqueous phase liquid                    |
| mg/L   | milligrams per liter                              |
| NFP    | North Flare Pit                                   |
| 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       |
| QC     | quality control                                   |
| SVE    | Soil Vapor Extraction                             |



## 2023 ANNUAL GROUNDWATER MONITORING REPORT

### 1.0 INTRODUCTION

This 2023 Annual Groundwater Monitoring Report has been prepared on behalf of El Paso CGP Company, LLC (EPCGP) to present the results of the 2023 groundwater monitoring, and soil boring and monitoring well installation activities at the Blanco Gas Plant – North Flare Pit (Blanco North, the Site). The Report also documents quarterly light non-aqueous phase liquid (LNAPL) recovery activities.

The Site is currently regulated by the New Mexico Oil Conservation Division (NMOCD) and is located at 81 Road 4900 in Bloomfield, 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 completed by Stantec Consulting Services, Inc. (Stantec) on behalf of EPCGP.

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# 2.0 SITE BACKGROUND

## 2.1 SITE DESCRIPTION

The Blanco North facility is located approximately 1.5 miles northeast of Bloomfield, New Mexico, on land controlled by the United States Bureau of Land Management (BLM). The San Juan River is approximately 2 miles south of the Site. The property adjacent to the Site is primarily used for ranching and farming, with a gas production well operated by Hilcorp Energy located west of the former North Flare Pit (NFP) area. The main operations of the Blanco Gas Plant are located directly to the south of the Site. The Site is adjacent to a pipeline pigging station but is generally not heavily industrialized and contains large areas of unimproved land, other than limited environmental-related infrastructure.

## 2.2 SITE HISTORY

The Site has an extensive history of environmental investigation and restoration. Remediation efforts over the past several decades include:

- The New Mexico Environmental Improvement Division, now the New Mexico Environment Department (NMED) conducted a site inspection at the Blanco Gas Plant in 1987 and recommended investigation to support the submittal of a groundwater discharge plan application. In 1988, soil boring W-1 was advanced and monitoring well MW-2 was installed and sampled. During January 1990, MW-19 was installed and sampled. MW-19 contained an oily sheen with benzene, toluene, ethylbenzene, and total xylenes (BTEX) concentrations exceeding the New Mexico Water Quality Control Commission (NMWQCC) standards (MWH, 2011).
- During February 1992, hydrocarbon-impacted soils were excavated and removed from the Site. Following the excavation, a work plan was submitted to the NMOCD which addressed subsurface investigation of the NFP. The investigation of the NFP was conducted during September and October of 1992. During the investigation, five monitoring wells (MW-20, MW-23, MW-24, MW-26, and MW-27) were installed south of the NFP. In addition, several soil borings were advanced adjacent to the monitoring wells but were not completed as wells because significant quantities of groundwater were not encountered. LNAPL was found in monitoring wells MW-19, MW-26, and MW-27 and was sampled, while groundwater was sampled from the remaining wells. Concentrations of BTEX in exceedance of NMWQCC standards were detected in monitoring wells MW-23 and MW-24. Based on the groundwater data and product analysis obtained during the 1992 investigation, it was suggested that the NFP and evaporation pond were the two plausible sources of contamination at the Site (MWH, 2011).
- LNAPL removal from MW-19 and MW-26 was initiated by El Paso Natural Gas (EPNG) in 1993 and continued until June 1995. During this time, routine groundwater monitoring was conducted. LNAPL was not found in any monitoring wells at the Site as of August 1995. In September 1995, EPNG submitted a work plan to NMOCD which proposed remediation of BTEX impacts by nitrate addition, quarterly groundwater monitoring, and abandonment of monitoring wells

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following remediation of hydrocarbons below NMWQCC standards. Approval of this work plan was not received from NMOCD, and groundwater monitoring at the Site was discontinued (MWH, 2011).

- Periodic groundwater monitoring and sampling resumed in 2000. Management of the Site was transferred from EPNG to El Paso Field Services (EPFS) in August 2001.
- Sludge from the lined evaporation pond was excavated and removed in October 2001. The lined evaporation pond was located over a former evaporation pond reportedly constructed in the 1950s. During the evaporation pond excavation, the liner was retracted, and soil samples were collected at depths from 1 to 4 feet below ground surface (bgs). The soil samples were submitted to an analytical laboratory for analysis of petroleum hydrocarbons. It was reported that the soil samples contained no detectable quantities of petroleum hydrocarbons (MWH, 2011).
- In May 2002, the NMOCD requested EPFS submit historic monitoring and remediation data collected from the Site since 1994. EPFS submitted the requested data along with a work plan which proposed the installation and operation of a pilot air sparge (AS) system adjacent to MW-19 and MW-26 to remediate groundwater. NMOCD approved the work plan in February 2003 (MWH, 2011).
- One AS well (SW-1) was installed north of MW-26. During April 2003, an LNAPL skimmer pump was installed and LNAPL removal began. Operation of the AS system began in June 2003 (MWH, 2011).
- During May 2006, monitoring wells MW-31, MW-32, and MW-33 were installed to further characterize the Site. Shortly after installation, LNAPL was detected in MW-32. In September 2006, a pneumatic skimmer was placed in MW-32 to facilitate LNAPL removal. However, following removal of minimal LNAPL, the skimmer was replaced with absorbent socks (MWH, 2011).
- In June 2009, during an air sparging maintenance event, the AS system was found to be inoperative. EPFS suspended use of the AS system and began evaluating the Site for hydrocarbon rebound (MWH, 2011).
- In 2013, semi-annual groundwater sampling and annual reporting resumed, and the above ground storage tank, formerly used for storage of recovered fluids, was removed.
- In March 2014, a work plan to conduct site characterization activities was completed and submitted to the NMOCD. In August 2014, the AS system and associated infrastructure was decommissioned and removed from the Site (Jacobs, 2020).
- In 2017, three soil borings (SB-1 through SB-3) were advanced, and nine monitoring wells (MW-40 through MW-48) were advanced and completed as part of a site characterization investigation. Soil samples were collected and submitted for laboratory analysis during advancement of the monitoring wells and soil borings. Six monitoring wells (MW-2, MW-19, MW-24, MW-26, MW-27, and MW-31), and AS

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well SW-1 were plugged and abandoned. The results of these activities are to be presented in an upcoming report (Stantec 2021).

- In August 2019, additional site characterization investigation activities were completed at the Site, including the advancement and completion of eight monitoring wells (MW-49 through MW-56) around the former NFP and adjacent to the former evaporation pond. Soil samples were collected and submitted for laboratory analysis during advancement of the monitoring wells. The results of these activities were summarized in a Site Characterization Report (Stantec, 2021).
- In 2020, quarterly LNAPL recovery activities resumed.
- In July 2021, additional site characterization activities were completed at the Site, including the advancement of one monitoring well (MW-57), three AS test wells (TW-2 through TW-4) and three monitoring points (MP-1 through MP-3), and the abandonment of one monitoring well (MW-33). Soil samples were collected during advancement of the wells and submitted for laboratory analysis.
- In August 2021, SVE feasibility testing was performed at the Site.

## 2.3 GEOLOGY AND HYDROGEOLOGY

Bechtel Environmental (Bechtel, 1988) and K.W Brown and Associates (K.W. Brown, 1990) assessed the geology and hydrogeology beneath the Blanco Plant facility during their 1988 and 1990 investigations of the extent of groundwater contamination. The Blanco Plant area is located on Quaternary alluvium consisting of sand, silt, clay, and gravel. The alluvium varies in thickness from less than 3 feet to more than 75 feet (Bechtel, 1988). Underlying the alluvium is the Tertiary Nacimiento Formation consisting of interbedded, coarse to medium-grained arkosic sandstone, siltstone, and shale which were characterized as channel fill and floodplain deposits (Bechtel, 1988). The channel-fill sandstone may locally dictate groundwater flow due to the expected higher hydraulic conductivity of this lithology.

The Site hydrogeology and groundwater quality were also assessed by EPNG in a study conducted in 1989 (EPNG, 1989). The average hydraulic conductivity was estimated to be  $2.1 \times 10^{-4}$  centimeters per second. Depth to groundwater ranged from 9 to 50 feet bgs (EPNG, 1989). In 1992, Burlington Environmental completed an investigation specific to the NFP area (Burlington, 1992). Eight borings were advanced during the investigation, five of which were completed as monitoring wells. In general, it was observed that each of these borings were advanced through approximately 19 feet of silty/clayey sand, underlain by silty/sandy clay with laminated siltstone and mudstone. In three of the borings (completed as MW-24, MW-26, and MW-27), a sand layer containing gravel and clay was encountered above the sandstone bedrock, which was interpreted as a possible relict channel feature. In the MW-19 boring, a similar thick sandy unit was encountered (K.W. Brown, 1990). At approximately 50 to 70 feet bgs, sandstone was encountered, with the greatest depths to bedrock found beneath the possible relict channel feature. In some places the upper sections of the sandstone were observed to be friable. The soil borings advanced during the investigation were terminated in what was characterized as a gypsum-cemented sandstone and interpreted to be an apparent aquitard. Depending on the location, groundwater saturation was

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encountered either within or just above the underlying sandstone contact. Water bearing shales are also encountered in the vicinity of the former flare pit area.

### 3.0 FIELD ACTIVITIES

Activities completed in 2023 included groundwater sampling and LNAPL recovery in May and November, and advancement of soil borings and installation of monitoring wells in and around the location of a former evaporation pond in May. Additional well gauging and LNAPL recovery events were completed in March and August 2023. 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 2023 site activities.

#### 3.1 DEPTH TO WATER MEASUREMENTS

Site-wide well gauging activities were conducted on May 18 and November 10, 2023. The EPNG-owned monitoring wells associated with the Blanco Plant - South Flare Pit and D Plant Areas were also gauged on November 10 to evaluate groundwater elevations across both the north and south portions of the Blanco Plant.

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

Quarterly LNAPL recovery activities were performed in March, May, August, and November 2023. The LNAPL recovery data is summarized on Table 1. Recovered LNAPL and water were transported to Envirotech Inc. (Envirotech) south of Bloomfield, New Mexico, for disposal. Associated liquids disposal documentation is included in Appendix B.

#### 3.3 GROUNDWATER SAMPLING

Following the collection of well gauging data on May 18 and November 13, 2023, 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. During the May event, monitoring wells MW-23, MW-45, MW-51, MW-58 and MW-59 were sampled. During the November event, MW-40 through MW-44, MW-46, MW-48, MW-50, MW-52 through MW-55, and MW-57 were sampled. During both events, monitoring wells MW-32 and MW-47 contained LNAPL and therefore were not sampled. Monitoring wells MP-1 through MP-3 and TW-2 through TW-4 were installed for remedial feasibility testing purposes and therefore were not sampled during either event.

Groundwater samples were placed into laboratory-supplied sample containers, packed on ice, and shipped under standard chain-of-custody protocols to Eurofins Environment Testing Southeast, in Pensacola, Florida (Eurofins). One laboratory-originated trip blank,

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one field duplicate sample (two field duplicate samples during the November event), and one matrix spike/matrix spike duplicate (MSMSD) sample were also collected during each sampling event and submitted for analysis. During the May and November 2023 sampling events, the groundwater samples were submitted to the laboratory for the analysis of BTEX using U.S. Environmental Protection Agency (EPA) Method 8260D. During the November 2023 sampling event, the groundwater samples were also submitted for the analysis of nitrate and nitrite using EPA Method 300.0.

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

### 3.4 MONITORING WELL AND SOIL BORING INSTALLATION ACTIVITIES

Previous site investigation activities indicated a potential source of hydrocarbons associated with a former evaporation pond, based on historical site drawings, was located on the southern portion of the former Kutz Hydrocarbon Recovery facility (Kutz facility) at the Site. To better assess this area, advancement of five soil borings (SB-4 through SB-8) and installation of three monitoring wells (MW-58 through MW-60) was conducted in May 2023. Upon observing groundwater and to facilitate future remedial feasibility testing, one soil boring, SB-8, was converted to a monitoring point (MP-4). The locations of MW-58 through MW-60, SB-4 through SB-7, and SB-8/MP-4, are depicted on Figure 2. Unless otherwise noted, the soil boring advancement and monitoring well installation activities were completed in accordance with the April 7, 2023 *Monitoring Well and Soil Boring Installation Activities Work Plan*.

Prior to mobilization, a New Mexico Office of the State Engineer (NMOSE) well permit was issued on April 13, 2023, to install monitoring wells MW-58 through MW-60, and soil borings SB-4 through SB-08. NMOSE well permitting documentation is included in Appendix C. The monitoring well and soil boring locations were staked by Stantec prior to completing New Mexico 811 utility locate requests for the work areas. Prior to ground disturbance, a ground penetrating radar survey was performed around the proposed soil boring and monitoring well locations to help identify utility conflicts or obstructions in these areas. Once underground locating activities were completed and prior to advancing drill tooling, each monitoring well and soil boring location was cleared to a depth of 10 feet bgs using hydro-excavation methods by Riley Industrial Services, Inc.

Cascade Drilling, a New Mexico-licensed well driller, mobilized a truck-mounted, roto-sonic drill rig to the Site to advance each monitoring well and soil boring location to depths ranging from 70 to 80 feet bgs. Soil cores were collected continuously to the termination depth using a 10-foot-long core barrel. The recovered soil cores were logged for lithology in general accordance with the Unified Soil Classification System. The logging included a detailed description of each lithologic unit, the field-apparent moisture content, and evidence of hydrocarbon impact including observed odors. The soil was field screened at one-foot intervals along the entire length of each recovered core using a calibrated photo-ionization detector (PID). Portions of the recovered soil were also placed into sealable plastic bags for headspace screening with the PID. The field screening data, in addition to visual and olfactory observations, provided the basis



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for the selection of soil samples to be submitted for laboratory analysis. The logged data are included on the soil boring logs provided in Appendix D.

Monitoring wells MW-58 through MW-60 were constructed with 20 feet of four (4)-inch diameter, Schedule 40, 0.010-slot PVC screen and four (4)-inch diameter, schedule 40 PVC riser. Monitoring point MP-4 was constructed with 20 feet of two (2) inch diameter Schedule 40, 0.010-slot PVC screen and two (2) inch diameter, schedule 40 PVC riser. The annular space around each well screen was filled with 10-20 silica sand from the bottom of the borehole to at least two (2) feet above the top of the screens. At least three (3) feet of hydrated bentonite chips were placed above the silica sand to provide a seal and isolate the screened interval. Bentonite grout was placed above the bentonite chips in the remaining annular space to approximately one (1)-foot bgs. The monitoring wells and monitoring point were completed with above-grade completions with protective lockable covers, and protective bollards. The bollards and protective covers were painted safety yellow, and the unique monitoring well identification was stenciled onto the completion. The monitoring well and monitoring point construction logs are included in Appendix D.

Following installation, the monitoring wells and monitoring point were developed by surging with a bailer until development water was visibly clear, or until the monitoring well or monitoring point went dry. After development, a HydraSleeve™ sampler was installed in each monitoring well to facilitate future groundwater sampling. The top-of-casing and ground surface elevations, and the locations of the newly installed monitoring wells, monitoring point, and soil borings, were surveyed-by a New Mexico-licensed surveyor.

Soil cuttings were containerized in a lined roll-off container provided by Envirotech, and well development and decontamination water was containerized in a drum. The hydro-excavation spoils, soil cuttings, and decontamination and well development water were transported to Envirotech for disposal. Associated disposal documentation is included in Appendix B.

### 3.5 SOIL SAMPLING

Soil samples were retained for laboratory analysis from the portions of the soil cores where suspected hydrocarbons were observed, as defined by elevated field headspace readings, discoloration and/or odors, and/or from the interval immediately above the field-interpreted water table. A total of 34 soil samples were retained for laboratory analysis.

Retained soil samples were placed in laboratory-provided four-ounce glass jars, sealed, labeled, and placed on ice until shipped in ice-filled coolers under standard chain-of-custody protocol to Eurofins. The soil samples were submitted to Eurofins for the analysis of BTEX using EPA Method 8260B, total petroleum hydrocarbons (TPH) as gasoline-range organics, diesel-range organics, and oil-range organics using EPA Method 8015B, and chlorides using EPA Method 300.0.

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### 3.6 SOIL BORING ABANDONMENT ACTIVITIES

Soil borings not completed as monitoring wells or monitoring points were plugged and abandoned in accordance with the existing Plan of Abandonment for the Site issued in 2017 by the NMOSE and the New Mexico Environment Department Ground Water Quality Bureau (Monitoring Well Construction and Abandonment Guidelines dated March 2011). Copies of the NMOSE plugging forms for the plugged soil borings are included in Appendix E.



**2023 ANNUAL GROUNDWATER MONITORING REPORT****4.0 RESULTS AND DISCUSSION****4.1 GROUNDWATER ELEVATION AND GRADIENT**

Groundwater elevation data collected during the May and November 2023 sampling events is summarized on Table 2. Groundwater elevations during both events indicated apparent groundwater flow across the Site to the southeast. Groundwater elevation contour maps for the May and November sampling events are included as Figures 3 and 4, respectively.

**4.2 GROUNDWATER ANALYTICAL RESULTS**

Tables 3 and 4 summarize the 2023 groundwater BTEX and nitrate as nitrogen analytical results, respectively. Figures 5 and 6 depict analyte concentrations during the May and November 2023 groundwater sampling results, respectively. The groundwater laboratory analytical reports are included in Appendix F. The following is a summary of findings based on field observations and the 2023 groundwater analytical results:

- LNAPL was observed in monitoring wells MW-32 and MW-47 during both sampling events; therefore, groundwater samples were not collected from these wells. Additionally, MW-49, MW-50, and MW-56 were found to be dry during the May 2023 sampling event, and MW-49, MW-56, MW-59, and MW-60 were found to be dry during the November 2023 sampling event.
- Groundwater samples collected from monitoring wells MW-23, MW-52, and MW-58 during both the May and November events exceeded the applicable NMWQCC standard (0.01 milligrams per liter [mg/L]) for benzene. The groundwater samples collected from monitoring well MW-44, MW-48, and MW-51 during the November event exceeded the applicable NMWQCC standard for benzene. Benzene concentrations were either reported below the applicable NMWQCC standard or were not detected in the remaining monitoring wells sampled in 2023.
- The groundwater sample collected from MW-58 during the May event exceeded the applicable NMWQCC standard (0.75 mg/L) for toluene. Concentrations of toluene were either reported below the applicable NMWQCC standard or were not detected in the remaining monitoring wells sampled in 2023.
- Concentrations of ethylbenzene were either reported below the applicable NMWQCC standard (0.75 mg/L) or not were detected in the monitoring wells sampled in 2023.
- The groundwater sample collected from MW-58 during the May event exceeded the applicable NMWQCC standard (0.62 mg/L) for total xylenes. Total xylenes concentrations were either below the applicable NMWQCC standard or not detected in the remaining monitoring wells sampled in 2023.
- Groundwater samples collected from monitoring wells MW-40, MW-41, MW-50, MW-54, and MW-57 during the November event exceeded the applicable NMWQCC standard (10 mg/L) for nitrate as nitrogen. Nitrate as nitrogen concentrations either did not exceed the applicable NMWQCC standard or were not detected in the remaining monitoring wells sampled in 2023.

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Field duplicates were collected from monitoring wells MW-45 (May and November) and MW-48 (November). No significant differences existed between the primary and the duplicate sample results. Detectable concentrations of BTEX constituents were not reported in the trip blanks submitted for analysis during the May and November 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 Stantec data validation report, and associated level IV data packages from Eurofins, are available upon request.

### 4.3 SOIL ANALYTICAL RESULTS

Table 5 summarizes the May 2023 soil analytical results and Figure 7 depicts the analyte concentrations. The soil laboratory analytical reports are included in Appendix G. The following is a summary of the soil analytical results:

- Benzene was detected in ten samples collected from six of the eight soil borings, but at concentrations below the applicable NMOCD standard of 10 milligrams per kilogram (mg/kg). Benzene was not detected in the remaining 24 soil samples.
- Soil samples collected from the boring for monitoring well MW-58 at 25 feet and 46 feet bgs exceeded the applicable NMOCD standard for total BTEX (50 mg/kg) at concentrations of 97.8 mg/kg and 209 mg/kg, respectively. The soil sample collected from boring SB-07 at 61 feet bgs also exceeded the standard at a concentration of 70.5 mg/kg. Total BTEX concentrations in the remaining 31 soil samples were either below the applicable NMOCD standard for total BTEX, or were not detected.
- A total of 14 soil samples exceeded the applicable NMOCD standard (100 mg/kg) for TPH in each of the advanced soil borings with the exception of the monitoring well MW-60 location. The applicable NMOCD TPH exceedances ranged from 117 mg/kg in the soil sample collected from MW-59 (63 feet bgs) to 6210 mg/kg in the soil sample collected from MW-58 (25 feet bgs). TPH concentrations in the remaining 20 soil samples were either below the applicable NMOCD TPH standard or were not detected.
- Chloride was detected in each of the 34 soil samples submitted, but at concentrations below the applicable NMOCD standard of 600 mg/kg.

**2023 ANNUAL GROUNDWATER MONITORING REPORT****5.0 PLANNED FUTURE ACTIVITIES**

Further assessment of the former north flare pit is planned for 2024 to support remedial action planning for this area. Details of these assessment activities will be included under separate cover.

Annual groundwater monitoring is proposed for the Site, with the next groundwater sampling event scheduled for the fourth calendar quarter of 2024. Groundwater samples will be collected from each Site monitoring well not containing measurable LNAPL. If encountered, LNAPL will be recovered by hand bailing and the liquids will be transported to Envirotech for disposal. The groundwater samples will be submitted for laboratory analysis of BTEX constituents using EPA Method 8260D and nitrate as nitrogen using EPA Method 300.0. Field duplicates and a trip blank will also be submitted for analysis during the groundwater sampling event.

Monitoring and recovery of LNAPL in MW-32, MW-47, MP-1, and TW-2, will continue on a quarterly basis in 2024. If encountered, LNAPL measured in any other existing or newly installed wells will also be recovered.

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

**2023 ANNUAL GROUNDWATER MONITORING REPORT****6.0 REFERENCES**

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# TABLES

**Table 1**  
**LNAPL Recovery Summary**  
**Blanco Plant - North Flare Pit, Bloomfield, New Mexico**

| Well ID - MW-32        | Depth to LNAPL (Feet)        | Depth to Water (Feet)        | Measured Thickness (Feet)        | LNAPL Recovered (gal)        | Water Recovered (gal)        | Recovery Type        |
|------------------------|------------------------------|------------------------------|----------------------------------|------------------------------|------------------------------|----------------------|
| <b>Date</b>            |                              |                              |                                  |                              |                              |                      |
| 6/24/2015              | 58.60                        | 58.82                        | 0.22                             | N/A                          | N/A                          | N/A                  |
| 12/16/2015             | 58.45                        | 58.91                        | 0.46                             | N/A                          | N/A                          | N/A                  |
| 6/29/2016              | 58.60                        | 59.10                        | 0.50                             | N/A                          | N/A                          | N/A                  |
| 12/13/2016             | sheen                        | 58.93                        | sheen                            | N/A                          | N/A                          | N/A                  |
| 4/27/2017              | sheen                        | 58.35                        | sheen                            | N/A                          | N/A                          | N/A                  |
| 11/13/2018             | sheen                        | 58.15                        | sheen                            | N/A                          | N/A                          | N/A                  |
| 4/16/2019              | 58.15                        | 59.31                        | 1.16                             | 0.03                         | 0.10                         | manual               |
| 9/23/2019              | 58.10                        | 58.20                        | 0.10                             | <0.01                        | 0.10                         | manual               |
| 10/15/2019             | 57.99                        | 58.37                        | 0.38                             | 0.03                         | 0.10                         | manual               |
| 4/27/2020              | 58.13                        | 58.97                        | 0.84                             | 0.13                         | NR                           | manual               |
| 8/18/2020              | 58.20                        | 58.40                        | 0.20                             | 0.25                         | 0.41                         | manual               |
| 11/17/2020             | 58.29                        | 58.40                        | 0.11                             | 0.04                         | 0.48                         | manual               |
| 3/17/2021              | 58.38                        | 58.40                        | 0.02                             | 0.02                         | 0.49                         | manual               |
| 5/20/2021              | 58.39                        | 58.45                        | 0.06                             | 0.01                         | 0.15                         | manual               |
| 8/23/2021              | 58.52                        | 58.62                        | 0.10                             | 0.01                         | 0.50                         | manual               |
| 8/24/2021              | 58.55                        | 58.55                        | 0.01                             | <0.01                        | 0.40                         | manual               |
| 11/9/2021              | 58.49                        | 58.56                        | 0.07                             | 0.02                         | 0.31                         | manual               |
| 3/23/2022              | 58.46                        | 58.56                        | 0.10                             | 0.03                         | 0.15                         | manual               |
| 5/17/2022              | 58.48                        | 58.53                        | 0.05                             | <0.01                        | 0.05                         | manual               |
| 7/29/2022              | 58.47                        | 58.52                        | 0.05                             | <0.01                        | 0.15                         | manual               |
| 11/1/2022              | 58.3                         | 58.36                        | 0.06                             | 0.03                         | 0.99                         | manual               |
| 3/30/2023              | 58.38                        | 58.41                        | 0.03                             | 0.08                         | 0.40                         | manual               |
| 5/18/2023              | 58.59                        | 58.62                        | 0.03                             | 0.02                         | 0.04                         | manual               |
| 8/31/2023              | 58.47                        | 58.49                        | 0.02                             | 0.01                         | 0.55                         | manual               |
| 11/10/2023             | 58.53                        | 58.54                        | 0.01                             | 0.01                         | 0.05                         | manual               |
|                        |                              |                              | Total:                           | 0.72                         | 5.41                         |                      |
| <b>Well ID - MW-47</b> | <b>Depth to LNAPL (Feet)</b> | <b>Depth to Water (Feet)</b> | <b>Measured Thickness (Feet)</b> | <b>LNAPL Recovered (gal)</b> | <b>Water Recovered (gal)</b> | <b>Recovery Type</b> |
| <b>Date</b>            |                              |                              |                                  |                              |                              |                      |
| 9/23/2019              | sheen                        | 46.77                        | sheen                            | <0.01                        | 0.10                         | manual               |
| 10/15/2019             | 46.90                        | 46.91                        | 0.01                             | <0.01                        | 0.10                         | manual               |
| 4/27/2020              | 46.71                        | 46.71                        | <0.01                            | <0.01                        | 0.40                         | manual               |
| 8/18/2020              | 46.46                        | 46.46                        | <0.01                            | <0.01                        | 0.74                         | manual               |
| 11/17/2020             | 47.50                        | 47.53                        | 0.03                             | <0.01                        | 0.10                         | manual               |
| 3/17/2021              | ND                           | 47.45                        | ND                               | NA                           | NA                           | NA                   |
| 5/20/2021              | 47.30                        | 47.32                        | 0.02                             | <0.01                        | 0.11                         | manual               |
| 11/9/2021              | 47.08                        | 47.10                        | 0.02                             | 0.01                         | 0.33                         | manual               |
| 3/23/2022              | 46.50                        | 47.34                        | 0.84                             | 0.71                         | 0.23                         | manual               |
| 5/17/2022              | 46.56                        | 47.30                        | 0.74                             | 0.53                         | 0.90                         | manual               |
| 8/3/2022               | 46.99                        | 47.53                        | 0.54                             | 0.42                         | 0.08                         | manual               |
| 11/1/2022              | 46.84                        | 47.29                        | 0.45                             | 0.34                         | 0.94                         | manual               |
| 3/30/2023              | 46.62                        | 47.08                        | 0.46                             | 0.50                         | 0.27                         | manual               |
| 5/18/2023              | 46.94                        | 47.20                        | 0.26                             | 0.20                         | 0.04                         | manual               |
| 8/31/2023              | 46.82                        | 47.20                        | 0.38                             | 0.24                         | 1.14                         | manual               |
| 11/10/2023             | 47.40                        | 47.62                        | 0.22                             | 0.18                         | 0.14                         | manual               |
|                        |                              |                              | Total:                           | 3.13                         | 5.62                         |                      |

**Table 1**  
**LNAPL Recovery Summary**  
**Blanco Plant - North Flare Pit, Bloomfield, New Mexico**

| Well ID - MP-1 | Depth to LNAPL (Feet) | Depth to Water (Feet) | Measured Thickness (Feet) | LNAPL Recovered (gal) | Water Recovered (gal) | Recovery Type |
|----------------|-----------------------|-----------------------|---------------------------|-----------------------|-----------------------|---------------|
| <b>Date</b>    |                       |                       |                           |                       |                       |               |
| 8/24/2021      | 56.00                 | 63.10                 | 7.10                      | 4.46                  | 1.06                  | manual        |
| 8/29/2021      | 64.10                 | ND                    | >4.40                     | 0.85                  | 0.32                  | manual        |
| 11/9/2021      | 55.29                 | 62.48                 | 7.19                      | 3.41                  | 0.87                  | manual        |
| 3/23/2022      | 54.63                 | 62.15                 | 7.52                      | 4.03                  | 0.33                  | manual        |
| 5/17/2022      | 55.26                 | 61.19                 | 5.93                      | 2.87                  | <0.01                 | manual        |
| 7/29/2022      | 56.37                 | 60.67                 | 4.30                      | 2.69                  | 0.41                  | manual        |
| 11/1/2022      | 55.11                 | 60.29                 | 5.18                      | 2.85                  | 0.81                  | manual        |
| 3/30/2023      | 54.90                 | 60.82                 | 5.92                      | 3.16                  | 0.23                  | manual        |
| 5/18/2023      | 54.90                 | 60.82                 | 5.92                      | 2.43                  | 0.11                  | manual        |
| 8/31/2023      | 55.49                 | 59.97                 | 4.48                      | 2.25                  | 1.59                  | manual        |
| 11/10/2023     | 55.58                 | 60.74                 | 5.16                      | 2.14                  | 0.04                  | manual        |
|                |                       |                       | Total:                    | 31.14                 | 5.77                  |               |
|                |                       |                       |                           |                       |                       |               |
| Well ID - TW-2 | Depth to LNAPL (Feet) | Depth to Water (Feet) | Measured Thickness (Feet) | LNAPL Recovered (gal) | Water Recovered (gal) | Recovery Type |
| <b>Date</b>    |                       |                       |                           |                       |                       |               |
| 11/9/2021      | 61.89                 | ND                    | >0.61                     | 0.18                  | <0.10                 | manual        |
| 3/23/2022      | 60.94                 | 62.16                 | 1.22                      | 0.62                  | 0.03                  | manual        |
| 5/17/2022      | 61.36                 | 61.99                 | 0.63                      | 0.33                  | 0.04                  | manual        |
| 7/29/2022      | 61.28                 | 62.91                 | 1.63                      | 0.32                  | 0.07                  | manual        |
| 11/1/2022      | 61.06                 | 61.69                 | 0.63                      | 0.18                  | 0.34                  | manual        |
| 3/30/2023      | 60.59                 | 60.71                 | 0.12                      | 0.65                  | 0.15                  | manual        |
| 5/18/2023      | 61.41                 | 61.91                 | 0.50                      | 0.24                  | 0.02                  | manual        |
| 8/31/2023      | 61.00                 | 61.65                 | 0.65                      | 0.34                  | 0.24                  | manual        |
| 11/10/2023     | 61.47                 | 61.95                 | 0.48                      | 0.20                  | 0.06                  | manual        |
|                |                       |                       | Total:                    | 3.06                  | 0.95                  |               |

**Notes:**

gal = gallons.

LNAPL = Light non-aqueous phase liquid.

N/A = Not Attempted.

ND = Not Detected.

NR = Not Recorded.

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

**Table 2**  
**Groundwater Elevation Data**  
**Blanco Gas Plant - North Flare Pit, Bloomfield, New Mexico**

| Monitoring Well | TOC Elevation (ft amsl) | Measurement Date | Depth to LNAPL (ft btoc) | LNAPL Thickness (feet) | Depth to Water (ft btoc) | GW Elevation (ft amsl) |
|-----------------|-------------------------|------------------|--------------------------|------------------------|--------------------------|------------------------|
| MW-23           | 5634.33                 | 9/25/1992        | NA                       | NA                     | 57.11                    | 5577.22                |
|                 |                         | 2/1/1993         | NA                       | NA                     | NA                       | NA                     |
|                 |                         | 2/25/1993        | NA                       | NA                     | NA                       | NA                     |
|                 |                         | 6/8/1993         | NA                       | NA                     | NA                       | NA                     |
|                 |                         | 9/29/1993        | NA                       | NA                     | NA                       | NA                     |
|                 |                         | 2/10/1994        | NA                       | NA                     | NA                       | NA                     |
|                 |                         | 5/13/1994        | NA                       | NA                     | NA                       | NA                     |
|                 |                         | 8/22/1994        | NA                       | NA                     | NA                       | NA                     |
|                 |                         | 11/13/2000       | NA                       | NA                     | 57.02                    | 5577.31                |
|                 |                         | 3/26/2001        | NA                       | NA                     | 57.07                    | 5577.26                |
|                 |                         | 5/30/2002        | NA                       | NA                     | 57.08                    | 5577.25                |
|                 |                         | 6/2/2003         | NA                       | NA                     | 57.12                    | 5577.21                |
|                 |                         | 8/4/2003         | NA                       | NA                     | 57.06                    | 5577.27                |
|                 |                         | 9/3/2003         | NA                       | NA                     | 57.11                    | 5577.22                |
|                 |                         | 12/16/2003       | NA                       | NA                     | 57.31                    | 5577.02                |
|                 |                         | 5/17/2004        | NA                       | NA                     | 57.14                    | 5577.19                |
|                 |                         | 8/23/2004        | NA                       | NA                     | 57.04                    | 5577.29                |
|                 |                         | 11/22/2004       | NA                       | NA                     | 57.13                    | 5577.2                 |
|                 |                         | 2/23/2005        | NA                       | NA                     | 57.13                    | 5577.2                 |
|                 |                         | 5/23/2005        | NA                       | NA                     | 57.22                    | 5577.11                |
|                 |                         | 8/30/2005        | NA                       | NA                     | 57.18                    | 5577.15                |
|                 |                         | 11/17/2005       | NA                       | NA                     | 57.29                    | 5577.04                |
|                 |                         | 2/21/2006        | NA                       | NA                     | 57.25                    | 5577.08                |
|                 |                         | 6/8/2006         | NA                       | NA                     | 57.44                    | 5576.89                |
|                 |                         | 8/15/2006        | NA                       | NA                     | 57.40                    | 5576.93                |
|                 |                         | 11/3/2006        | NA                       | NA                     | 57.41                    | 5576.92                |
|                 |                         | 2/26/2007        | NA                       | NA                     | 57.44                    | 5576.89                |
|                 |                         | 5/29/2007        | NA                       | NA                     | 57.47                    | 5576.86                |
|                 |                         | 8/22/2007        | NA                       | NA                     | 57.49                    | 5576.84                |
|                 |                         | 11/28/2007       | NA                       | NA                     | 57.62                    | 5576.71                |
|                 |                         | 2/20/2008        | NA                       | NA                     | 57.57                    | 5576.76                |
|                 |                         | 5/22/2008        | NA                       | NA                     | 57.40                    | 5576.93                |
|                 |                         | 8/21/2008        | NA                       | NA                     | 57.70                    | 5576.63                |
|                 |                         | 11/6/2008        | NA                       | NA                     | 57.81                    | 5576.52                |
|                 |                         | 2/17/2009        | NA                       | NA                     | 57.69                    | 5576.64                |
|                 |                         | 5/11/2009        | NA                       | NA                     | 57.83                    | 5576.50                |
|                 |                         | 8/26/2009        | NA                       | NA                     | 57.93                    | 5576.4                 |
|                 |                         | 2/18/2010        | NA                       | NA                     | 57.89                    | 5576.44                |
|                 |                         | 8/25/2010        | NA                       | NA                     | 58.11                    | 5576.22                |
|                 |                         | 2/23/2011        | NA                       | NA                     | 58.04                    | 5576.29                |
|                 |                         | 8/31/2011        | NA                       | NA                     | 58.12                    | 5576.21                |
|                 |                         | 12/17/2013       | ND                       | ND                     | 58.58                    | 5575.75                |
|                 |                         | 6/18/2014        | ND                       | ND                     | 58.53                    | 5575.80                |
|                 |                         | 12/16/2014       | ND                       | ND                     | 58.70                    | 5575.63                |
|                 |                         | 6/24/2015        | ND                       | ND                     | 58.91                    | 5575.42                |
|                 |                         | 12/16/2015       | ND                       | ND                     | 58.82                    | 5575.51                |
|                 |                         | 6/29/2016        | ND                       | ND                     | 58.96                    | 5575.37                |



**Table 2**  
**Groundwater Elevation Data**  
**Blanco Gas Plant - North Flare Pit, Bloomfield, New Mexico**

| Monitoring Well | TOC Elevation (ft amsl) | Measurement Date | Depth to LNAPL (ft btoc) | LNAPL Thickness (feet) | Depth to Water (ft btoc) | GW Elevation (ft amsl) |
|-----------------|-------------------------|------------------|--------------------------|------------------------|--------------------------|------------------------|
| MW-23 (cont.)   | 5634.33                 | 12/13/2016       | ND                       | ND                     | 58.98                    | 5575.35                |
|                 |                         | 4/27/2017        | ND                       | ND                     | 58.94                    | 5575.39                |
|                 |                         | 11/14/2017       | ND                       | ND                     | 59.13                    | 5575.20                |
|                 |                         | 1/28/2018        | ND                       | ND                     | 59.31                    | 5575.02                |
|                 |                         | 4/2/2018         | ND                       | ND                     | 59.10                    | 5575.23                |
|                 |                         | 11/13/2018       | ND                       | ND                     | 59.40                    | 5574.93                |
|                 |                         | 4/16/2019        | ND                       | ND                     | 59.31                    | 5575.02                |
|                 |                         | 9/23/2019        | ND                       | ND                     | 59.39                    | 5574.94                |
|                 |                         | 10/15/2019       | ND                       | ND                     | 59.42                    | 5574.91                |
|                 |                         | 4/27/2020        | ND                       | ND                     | 60.40                    | 5573.93                |
|                 |                         | 8/18/2020        | ND                       | ND                     | 59.41                    | 5574.92                |
|                 |                         | 11/17/2020       | ND                       | ND                     | 59.53                    | 5574.80                |
|                 |                         | 5/20/2021        | ND                       | ND                     | 59.38                    | 5574.95                |
|                 |                         | 8/23/2021        | ND                       | ND                     | 59.39                    | 5574.94                |
|                 |                         | 8/29/2021        | ND                       | ND                     | 59.31                    | 5575.02                |
|                 |                         | 11/9/2021        | ND                       | ND                     | 59.36                    | 5574.97                |
|                 |                         | 5/17/2022        | ND                       | ND                     | 59.31                    | 5575.02                |
|                 |                         | 11/1/2022        | ND                       | ND                     | 59.31                    | 5575.02                |
|                 |                         | 5/18/2023        | ND                       | ND                     | 59.29                    | 5575.04                |
|                 |                         | 11/10/2023       | ND                       | ND                     | 59.35                    | 5574.98                |
| MW-32           | 5650.00                 | 8/26/2009        | NA                       | NA                     | 59.09                    | 5590.91                |
|                 |                         | 2/18/2010        | NA                       | NA                     | 58.93                    | 5591.07                |
|                 |                         | 2/22/2011        | NA                       | NA                     | 58.98                    | 5591.02                |
|                 |                         | 12/17/2013       | ND                       | ND                     | 59.19                    | 5590.81                |
|                 |                         | 6/18/2014        | ND                       | ND                     | 58.83                    | 5591.17                |
|                 |                         | 12/16/2014       | ND                       | ND                     | 58.61                    | 5591.39                |
|                 |                         | 6/24/2015        | 58.60                    | 0.22                   | 58.82                    | 5591.35                |
|                 |                         | 12/16/2015       | 58.45                    | 0.46                   | 58.91                    | 5591.44                |
|                 |                         | 6/29/2016        | 58.60                    | 0.50                   | 59.10                    | 5591.28                |
|                 |                         | 12/13/2016       | Sheen                    | Sheen                  | 58.93                    | 5591.07                |
|                 |                         | 4/27/2017        | Sheen                    | Sheen                  | 58.35                    | 5591.65                |
|                 |                         | 11/14/2017       | ND                       | ND                     | 58.30                    | 5591.70                |
|                 |                         | 1/28/2018        | ND                       | ND                     | 58.48                    | 5591.52                |
|                 |                         | 4/2/2018         | ND                       | ND                     | 58.37                    | 5591.63                |
|                 |                         | 11/13/2018       | Sheen                    | Sheen                  | 58.15                    | 5591.85                |
|                 |                         | 4/16/2019        | 58.15                    | 1.16                   | 59.31                    | 5591.56                |
|                 |                         | 9/23/2019        | 58.10                    | 0.10                   | 58.20                    | 5591.88                |
|                 |                         | 10/15/2019       | 57.99                    | 0.38                   | 58.37                    | 5591.92                |
|                 |                         | 4/27/2020        | 58.13                    | 0.84                   | 58.97                    | 5591.66                |
|                 |                         | 8/18/2020        | 58.20                    | 0.20                   | 58.40                    | 5591.75                |
|                 |                         | 11/17/2020       | 58.29                    | 0.11                   | 58.40                    | 5591.68                |
|                 |                         | 3/17/2021        | 58.38                    | 0.02                   | 58.40                    | 5591.62                |
|                 |                         | 5/20/2021        | 58.39                    | 0.06                   | 58.45                    | 5591.60                |
|                 |                         | 8/23/2021        | 58.52                    | 0.10                   | 58.62                    | 5591.46                |
|                 |                         | 8/24/2021        | 58.55                    | <0.01                  | 58.55                    | 5591.45                |
|                 |                         | 8/25/2021        | ND                       | 0.00                   | 59.16                    | 5590.84                |
|                 |                         | 8/29/2021        | ND                       | 0.00                   | 59.11                    | 5590.89                |

**Table 2**  
**Groundwater Elevation Data**  
**Blanco Gas Plant - North Flare Pit, Bloomfield, New Mexico**

| Monitoring Well | TOC Elevation (ft amsl) | Measurement Date | Depth to LNAPL (ft btoc) | LNAPL Thickness (feet) | Depth to Water (ft btoc) | GW Elevation (ft amsl) |
|-----------------|-------------------------|------------------|--------------------------|------------------------|--------------------------|------------------------|
| MW-32 (cont.)   | 5650.00                 | 11/9/2021        | 58.49                    | 0.07                   | 58.56                    | 5591.49                |
|                 |                         | 3/23/2022        | 58.46                    | 0.10                   | 58.56                    | 5591.52                |
|                 |                         | 5/17/2022        | 58.48                    | 0.05                   | 58.53                    | 5591.51                |
|                 |                         | 7/29/2022        | 58.47                    | 0.05                   | 58.52                    | 5591.52                |
|                 |                         | 11/1/2022        | 58.30                    | 0.06                   | 58.36                    | 5591.69                |
|                 |                         | 3/30/2023        | 58.38                    | 0.03                   | 58.41                    | 5591.61                |
|                 |                         | 5/18/2023        | 58.59                    | 0.03                   | 58.62                    | 5591.40                |
|                 |                         | 8/31/2023        | 58.47                    | 0.02                   | 58.49                    | 5591.53                |
| MW-40           | 5621.43                 | 11/10/2023       | 58.53                    | 0.01                   | 58.54                    | 5591.47                |
|                 |                         | 11/14/2017       | ND                       | ND                     | 64.25                    | 5557.18                |
|                 |                         | 1/28/2018        | ND                       | ND                     | 64.23                    | 5557.20                |
|                 |                         | 4/2/2018         | ND                       | ND                     | 63.69                    | 5557.74                |
|                 |                         | 11/13/2018       | ND                       | ND                     | 63.72                    | 5557.71                |
|                 |                         | 4/16/2019        | ND                       | ND                     | 63.34                    | 5558.09                |
|                 |                         | 9/23/2019        | ND                       | ND                     | 63.53                    | 5557.90                |
|                 |                         | 10/15/2019       | ND                       | ND                     | 63.48                    | 5557.95                |
|                 |                         | 4/27/2020        | ND                       | ND                     | 63.34                    | 5558.09                |
|                 |                         | 8/18/2020        | ND                       | ND                     | 63.51                    | 5557.92                |
|                 |                         | 11/17/2020       | ND                       | ND                     | 63.59                    | 5557.84                |
|                 |                         | 5/20/2021        | ND                       | ND                     | 63.40                    | 5558.03                |
|                 |                         | 11/9/2021        | ND                       | ND                     | 63.62                    | 5557.81                |
|                 |                         | 5/17/2022        | ND                       | ND                     | 63.56                    | 5557.87                |
|                 |                         | 11/1/2022        | ND                       | ND                     | 63.69                    | 5557.74                |
| MW-41           | 5629.52                 | 5/18/2023        | ND                       | ND                     | 63.71                    | 5557.72                |
|                 |                         | 11/10/2023       | ND                       | ND                     | 63.76                    | 5557.67                |
|                 |                         | 11/14/2017       | ND                       | ND                     | 89.48                    | 5540.04                |
|                 |                         | 1/28/2018        | ND                       | ND                     | 86.85                    | 5542.67                |
|                 |                         | 4/2/2018         | ND                       | ND                     | 83.29                    | 5546.23                |
|                 |                         | 11/13/2018       | ND                       | ND                     | 77.70                    | 5551.82                |
|                 |                         | 4/16/2019        | ND                       | ND                     | 75.44                    | 5554.08                |
|                 |                         | 9/23/2019        | ND                       | ND                     | 73.02                    | 5556.50                |
|                 |                         | 10/15/2019       | ND                       | ND                     | 73.09                    | 5556.43                |
|                 |                         | 4/27/2020        | ND                       | ND                     | 71.20                    | 5558.32                |
|                 |                         | 8/18/2020        | ND                       | ND                     | 71.06                    | 5558.46                |
|                 |                         | 11/17/2020       | ND                       | ND                     | 71.01                    | 5558.51                |
|                 |                         | 5/20/2021        | ND                       | ND                     | 70.74                    | 5558.78                |
|                 |                         | 11/9/2021        | ND                       | ND                     | 70.90                    | 5558.62                |
|                 |                         | 5/17/2022        | ND                       | ND                     | 70.94                    | 5558.58                |
| MW-42           | 5623.91                 | 11/1/2022        | ND                       | ND                     | 70.98                    | 5558.54                |
|                 |                         | 5/18/2023        | ND                       | ND                     | 70.19                    | 5559.33                |
|                 |                         | 11/10/2023       | ND                       | ND                     | 69.35                    | 5560.17                |
|                 |                         | 11/14/2017       | ND                       | ND                     | 69.10                    | 5554.81                |
|                 |                         | 1/28/2018        | ND                       | ND                     | 69.07                    | 5554.84                |
|                 |                         | 4/2/2018         | ND                       | ND                     | 68.71                    | 5555.20                |
|                 |                         | 11/13/2018       | ND                       | ND                     | 69.05                    | 5554.86                |
|                 |                         | 4/16/2019        | ND                       | ND                     | 69.96                    | 5553.95                |
|                 |                         | 9/23/2019        | ND                       | ND                     | 69.35                    | 5554.56                |

**Table 2**  
**Groundwater Elevation Data**  
**Blanco Gas Plant - North Flare Pit, Bloomfield, New Mexico**

| Monitoring Well      | TOC Elevation (ft amsl) | Measurement Date | Depth to LNAPL (ft btoc) | LNAPL Thickness (feet) | Depth to Water (ft btoc) | GW Elevation (ft amsl) |
|----------------------|-------------------------|------------------|--------------------------|------------------------|--------------------------|------------------------|
| <b>MW-42 (cont.)</b> | <b>5623.91</b>          | 10/15/2019       | ND                       | ND                     | 69.30                    | 5554.61                |
|                      |                         | 4/27/2020        | ND                       | ND                     | 69.42                    | 5554.49                |
|                      |                         | 8/18/2020        | ND                       | ND                     | 69.81                    | 5554.10                |
|                      |                         | 11/17/2020       | ND                       | ND                     | 69.91                    | 5554.00                |
|                      |                         | 5/20/2021        | ND                       | ND                     | 69.83                    | 5554.08                |
|                      |                         | 11/9/2021        | ND                       | ND                     | 70.10                    | 5553.81                |
|                      |                         | 5/17/2022        | ND                       | ND                     | 70.19                    | 5553.72                |
|                      |                         | 11/1/2022        | ND                       | ND                     | 70.04                    | 5553.87                |
|                      |                         | 5/18/2023        | ND                       | ND                     | 69.71                    | 5554.20                |
|                      |                         | 11/10/2023       | ND                       | ND                     | 68.84                    | 5555.07                |
| <b>MW-43</b>         | <b>5626.44</b>          | 11/14/2017       | ND                       | ND                     | 69.19                    | 5557.25                |
|                      |                         | 1/28/2018        | ND                       | ND                     | 69.40                    | 5557.04                |
|                      |                         | 4/2/2018         | ND                       | ND                     | 68.55                    | 5557.89                |
|                      |                         | 11/13/2018       | ND                       | ND                     | 68.78                    | 5557.66                |
|                      |                         | 4/16/2019        | ND                       | ND                     | 68.63                    | 5557.81                |
|                      |                         | 9/23/2019        | ND                       | ND                     | 69.11                    | 5557.33                |
|                      |                         | 10/15/2019       | ND                       | ND                     | 69.11                    | 5557.33                |
|                      |                         | 4/27/2020        | ND                       | ND                     | 69.26                    | 5557.18                |
|                      |                         | 8/18/2020        | ND                       | ND                     | 69.74                    | 5556.70                |
|                      |                         | 11/17/2020       | ND                       | ND                     | 69.95                    | 5556.49                |
|                      |                         | 5/20/2021        | ND                       | ND                     | 70.11                    | 5556.33                |
|                      |                         | 11/9/2021        | ND                       | ND                     | 70.51                    | 5555.93                |
|                      |                         | 5/17/2022        | ND                       | ND                     | 70.78                    | 5555.66                |
|                      |                         | 11/1/2022        | ND                       | ND                     | 70.81                    | 5555.63                |
|                      |                         | 5/18/2023        | ND                       | ND                     | 70.55                    | 5555.89                |
|                      |                         | 11/10/2023       | ND                       | ND                     | 69.84                    | 5556.60                |
| <b>MW-44</b>         | <b>5626.89</b>          | 11/14/2017       | ND                       | ND                     | 68.31                    | 5558.58                |
|                      |                         | 1/28/2018        | ND                       | ND                     | 68.45                    | 5558.44                |
|                      |                         | 4/2/2018         | ND                       | ND                     | 68.12                    | 5558.77                |
|                      |                         | 11/13/2018       | ND                       | ND                     | 68.01                    | 5558.88                |
|                      |                         | 4/16/2019        | ND                       | ND                     | 67.65                    | 5559.24                |
|                      |                         | 9/23/2019        | ND                       | ND                     | 67.79                    | 5559.10                |
|                      |                         | 10/15/2019       | ND                       | ND                     | 67.81                    | 5559.08                |
|                      |                         | 4/27/2020        | ND                       | ND                     | 67.79                    | 5559.10                |
|                      |                         | 8/18/2020        | ND                       | ND                     | 68.48                    | 5558.41                |
|                      |                         | 11/17/2020       | ND                       | ND                     | 68.12                    | 5558.77                |
|                      |                         | 5/20/2021        | ND                       | ND                     | 68.12                    | 5558.77                |
|                      |                         | 8/23/2021        | ND                       | ND                     | 68.28                    | 5558.61                |
|                      |                         | 8/29/2021        | ND                       | ND                     | 68.08                    | 5558.81                |
|                      |                         | 11/9/2021        | ND                       | ND                     | 68.26                    | 5558.63                |
|                      |                         | 5/17/2022        | ND                       | ND                     | 68.47                    | 5558.42                |
|                      |                         | 11/1/2022        | ND                       | ND                     | 68.54                    | 5558.35                |
|                      |                         | 5/18/2023        | ND                       | ND                     | 68.54                    | 5558.35                |
|                      |                         | 11/10/2023       | ND                       | ND                     | 68.29                    | 5558.60                |
| <b>MW-45</b>         | <b>5633.95</b>          | 11/14/2017       | ND                       | ND                     | 73.13                    | 5560.82                |
|                      |                         | 1/28/2018        | ND                       | ND                     | 72.84                    | 5561.11                |

**Table 2**  
**Groundwater Elevation Data**  
**Blanco Gas Plant - North Flare Pit, Bloomfield, New Mexico**

| Monitoring Well      | TOC Elevation (ft amsl) | Measurement Date | Depth to LNAPL (ft btoc) | LNAPL Thickness (feet) | Depth to Water (ft btoc) | GW Elevation (ft amsl) |
|----------------------|-------------------------|------------------|--------------------------|------------------------|--------------------------|------------------------|
| <b>MW-45 (cont.)</b> | <b>5633.95</b>          | 4/2/2018         | ND                       | ND                     | 72.35                    | 5561.60                |
|                      |                         | 11/13/2018       | ND                       | ND                     | 72.18                    | 5561.77                |
|                      |                         | 4/16/2019        | ND                       | ND                     | 72.16                    | 5561.79                |
|                      |                         | 9/23/2019        | ND                       | ND                     | 72.67                    | 5561.28                |
|                      |                         | 10/15/2019       | ND                       | ND                     | 72.69                    | 5561.26                |
|                      |                         | 4/27/2020        | ND                       | ND                     | 73.05                    | 5560.90                |
|                      |                         | 8/18/2020        | ND                       | ND                     | 73.61                    | 5560.34                |
|                      |                         | 11/17/2020       | ND                       | ND                     | 74.00                    | 5559.95                |
|                      |                         | 5/20/2021        | ND                       | ND                     | 74.58                    | 5559.37                |
|                      |                         | 8/23/2021        | ND                       | ND                     | 75.01                    | 5558.94                |
|                      |                         | 8/29/2021        | ND                       | ND                     | 75.11                    | 5558.84                |
|                      |                         | 11/9/2021        | ND                       | ND                     | 75.30                    | 5558.65                |
|                      |                         | 5/17/2022        | ND                       | ND                     | 75.88                    | 5558.07                |
|                      |                         | 11/1/2022        | ND                       | ND                     | 76.11                    | 5557.84                |
|                      |                         | 5/19/2023        | ND                       | ND                     | 75.97                    | 5557.98                |
|                      |                         | 11/10/2023       | ND                       | ND                     | 75.43                    | 5558.52                |
| <b>MW-46</b>         | <b>5650.99</b>          | 11/14/2017       | ND                       | ND                     | 47.32                    | 5603.67                |
|                      |                         | 1/28/2018        | ND                       | ND                     | 46.56                    | 5604.43                |
|                      |                         | 4/2/2018         | ND                       | ND                     | 46.45                    | 5604.54                |
|                      |                         | 11/13/2018       | ND                       | ND                     | 47.38                    | 5603.61                |
|                      |                         | 4/16/2019        | ND                       | ND                     | 47.15                    | 5603.84                |
|                      |                         | 9/23/2019        | ND                       | ND                     | 48.49                    | 5602.50                |
|                      |                         | 10/15/2019       | ND                       | ND                     | 47.90                    | 5603.09                |
|                      |                         | 4/27/2020        | ND                       | ND                     | 46.74                    | 5604.25                |
|                      |                         | 8/18/2020        | ND                       | ND                     | 48.45                    | 5602.54                |
|                      |                         | 11/17/2020       | ND                       | ND                     | 48.10                    | 5602.89                |
|                      |                         | 5/20/2021        | ND                       | ND                     | 47.70                    | 5603.29                |
|                      |                         | 11/9/2021        | ND                       | ND                     | 49.10                    | 5601.89                |
|                      |                         | 5/17/2022        | ND                       | ND                     | 48.07                    | 5602.92                |
|                      |                         | 11/1/2022        | ND                       | ND                     | 49.05                    | 5601.94                |
|                      |                         | 5/18/2023        | ND                       | ND                     | 47.09                    | 5603.90                |
|                      |                         | 11/10/2023       | ND                       | ND                     | 47.90                    | 5603.09                |
| <b>MW-47</b>         | <b>5637.74</b>          | 11/14/2017       | ND                       | ND                     | 71.82                    | 5565.92                |
|                      |                         | 1/28/2018        | ND                       | ND                     | 62.02                    | 5575.72                |
|                      |                         | 4/2/2018         | ND                       | ND                     | 55.34                    | 5582.40                |
|                      |                         | 11/13/2018       | ND                       | ND                     | 48.22                    | 5589.52                |
|                      |                         | 4/16/2019        | ND                       | ND                     | 47.06                    | 5590.68                |
|                      |                         | 9/23/2019        | Sheen                    | Sheen                  | 46.77                    | 5590.97                |
|                      |                         | 10/15/2019       | 46.90                    | 0.01                   | 46.91                    | 5590.84                |
|                      |                         | 4/27/2020        | 46.71                    | <0.01                  | 46.71                    | 5591.03                |
|                      |                         | 8/18/2020        | 46.46                    | <0.01                  | 46.46                    | 5591.28                |
|                      |                         | 11/17/2020       | 47.50                    | 0.03                   | 47.53                    | 5590.23                |
|                      |                         | 3/17/2021        | ND                       | ND                     | 47.45                    | 5590.29                |
|                      |                         | 5/20/2021        | 47.30                    | 0.02                   | 47.32                    | 5590.44                |
|                      |                         | 8/23/2021        | ND                       | ND                     | 47.33                    | 5590.41                |
|                      |                         | 8/24/2021        | ND                       | ND                     | 47.64                    | 5590.10                |

**Table 2**  
**Groundwater Elevation Data**  
**Blanco Gas Plant - North Flare Pit, Bloomfield, New Mexico**

| Monitoring Well       | TOC Elevation (ft amsl) | Measurement Date | Depth to LNAPL (ft btoc) | LNAPL Thickness (feet) | Depth to Water (ft btoc) | GW Elevation (ft amsl) |
|-----------------------|-------------------------|------------------|--------------------------|------------------------|--------------------------|------------------------|
| <b>MW-47 (contd.)</b> | <b>5637.74</b>          | 8/29/2021        | ND                       | ND                     | 47.52                    | 5590.22                |
|                       |                         | 11/9/2021        | 47.08                    | 0.02                   | 47.10                    | 5590.66                |
|                       |                         | 3/23/2022        | 46.50                    | 0.84                   | 47.34                    | 5591.03                |
|                       |                         | 5/17/2022        | 46.56                    | 0.74                   | 47.30                    | 5591.00                |
|                       |                         | 8/3/2022         | 46.99                    | 0.54                   | 47.53                    | 5590.62                |
|                       |                         | 11/1/2022        | 46.84                    | 0.45                   | 47.29                    | 5590.79                |
|                       |                         | 3/30/2023        | 46.62                    | 0.46                   | 47.08                    | 5591.01                |
|                       |                         | 5/18/2023        | 46.94                    | 0.26                   | 47.20                    | 5590.74                |
|                       |                         | 8/31/2023        | 46.82                    | 0.38                   | 47.20                    | 5590.83                |
|                       |                         | 11/10/2023       | 47.40                    | 0.22                   | 47.62                    | 5590.29                |
| <b>MW-48</b>          | <b>5651.4</b>           | 11/14/2017       | ND                       | ND                     | 57.82                    | 5593.58                |
|                       |                         | 1/28/2018        | ND                       | ND                     | 55.15                    | 5596.25                |
|                       |                         | 4/2/2018         | ND                       | ND                     | 54.25                    | 5597.15                |
|                       |                         | 11/13/2018       | ND                       | ND                     | 54.15                    | 5597.25                |
|                       |                         | 4/16/2019        | ND                       | ND                     | 54.13                    | 5597.27                |
|                       |                         | 9/23/2019        | ND                       | ND                     | 53.84                    | 5597.56                |
|                       |                         | 10/15/2019       | ND                       | ND                     | 53.88                    | 5597.52                |
|                       |                         | 4/27/2020        | ND                       | ND                     | 53.68                    | 5597.72                |
|                       |                         | 8/18/2020        | ND                       | ND                     | 53.62                    | 5597.78                |
|                       |                         | 11/17/2020       | ND                       | ND                     | 53.58                    | 5597.82                |
|                       |                         | 5/20/2021        | ND                       | ND                     | 53.58                    | 5597.82                |
|                       |                         | 8/23/2021        | ND                       | ND                     | 53.58                    | 5597.82                |
|                       |                         | 8/24/2021        | ND                       | ND                     | 53.72                    | 5597.68                |
|                       |                         | 8/29/2021        | ND                       | ND                     | 53.63                    | 5597.77                |
|                       |                         | 11/9/2021        | ND                       | ND                     | 53.60                    | 5597.80                |
|                       |                         | 5/17/2022        | ND                       | ND                     | 53.65                    | 5597.75                |
|                       |                         | 11/1/2022        | ND                       | ND                     | 53.78                    | 5597.62                |
|                       |                         | 5/18/2023        | ND                       | ND                     | 53.92                    | 5597.48                |
|                       |                         | 11/10/2023       | ND                       | ND                     | 53.89                    | 5597.51                |
| <b>MW-49</b>          | <b>5631.77</b>          | 9/23/2019        | ND                       | ND                     | 72.03                    | 5559.74                |
|                       |                         | 10/15/2019       | ND                       | ND                     | 72.27                    | 5559.50                |
|                       |                         | 4/27/2020        | ND                       | ND                     | 72.64                    | 5559.13                |
|                       |                         | 8/18/2020        | ND                       | ND                     | 73.04                    | 5558.73                |
|                       |                         | 11/17/2020       | ND                       | ND                     | 73.13                    | 5558.64                |
|                       |                         | 5/20/2021        | ND                       | ND                     | 73.70                    | 5558.07                |
|                       |                         | 11/9/2021        | ND                       | ND                     | DRY                      | N/A                    |
|                       |                         | 5/17/2022        | ND                       | ND                     | DRY                      | N/A                    |
|                       |                         | 11/1/2022        | ND                       | ND                     | DRY                      | N/A                    |
|                       |                         | 5/18/2023        | ND                       | ND                     | DRY                      | N/A                    |
|                       |                         | 11/10/2023       | ND                       | ND                     | DRY                      | N/A                    |
| <b>MW-50</b>          | <b>5643.04</b>          | 9/23/2019        | ND                       | ND                     | 75.32                    | 5567.72                |
|                       |                         | 10/15/2019       | ND                       | ND                     | 75.45                    | 5567.59                |
|                       |                         | 4/27/2020        | ND                       | ND                     | 75.40                    | 5567.64                |
|                       |                         | 8/18/2020        | ND                       | ND                     | 75.62                    | 5567.42                |
|                       |                         | 11/17/2020       | ND                       | ND                     | 75.64                    | 5567.40                |
|                       |                         | 5/20/2021        | ND                       | ND                     | 75.77                    | 5567.27                |

**Table 2**  
**Groundwater Elevation Data**  
**Blanco Gas Plant - North Flare Pit, Bloomfield, New Mexico**

| Monitoring Well      | TOC Elevation (ft amsl) | Measurement Date | Depth to LNAPL (ft btoc) | LNAPL Thickness (feet) | Depth to Water (ft btoc) | GW Elevation (ft amsl) |
|----------------------|-------------------------|------------------|--------------------------|------------------------|--------------------------|------------------------|
| <b>MW-50 (cont.)</b> | <b>5643.04</b>          | 11/9/2021        | ND                       | ND                     | DRY                      | N/A                    |
|                      |                         | 5/17/2022        | ND                       | ND                     | DRY                      | N/A                    |
|                      |                         | 11/1/2022        | ND                       | ND                     | DRY                      | N/A                    |
|                      |                         | 5/18/2023        | ND                       | ND                     | DRY                      | N/A                    |
|                      |                         | 11/10/2023       | ND                       | ND                     | 72.74                    | 5570.30                |
| <b>MW-51</b>         | <b>5639.50</b>          | 9/23/2019        | ND                       | ND                     | 61.90                    | 5577.60                |
|                      |                         | 10/15/2019       | ND                       | ND                     | 58.68                    | 5580.82                |
|                      |                         | 4/27/2020        | ND                       | ND                     | 51.82                    | 5587.68                |
|                      |                         | 8/18/2020        | ND                       | ND                     | 51.30                    | 5588.20                |
|                      |                         | 11/17/2020       | ND                       | ND                     | 51.12                    | 5588.38                |
|                      |                         | 5/20/2021        | ND                       | ND                     | 50.88                    | 5588.62                |
|                      |                         | 8/23/2021        | ND                       | ND                     | 50.93                    | 5588.57                |
|                      |                         | 8/29/2021        | ND                       | ND                     | 51.03                    | 5588.47                |
|                      |                         | 11/9/2021        | ND                       | ND                     | 50.89                    | 5588.61                |
|                      |                         | 5/17/2022        | ND                       | ND                     | 50.77                    | 5588.73                |
|                      |                         | 11/1/2022        | ND                       | ND                     | 50.82                    | 5588.68                |
|                      |                         | 5/18/2023        | ND                       | ND                     | 50.70                    | 5588.80                |
|                      |                         | 11/10/2023       | ND                       | ND                     | 50.87                    | 5588.63                |
| <b>MW-52</b>         | <b>5643.83</b>          | 9/23/2019        | ND                       | ND                     | 52.41                    | 5591.42                |
|                      |                         | 10/15/2019       | ND                       | ND                     | 51.98                    | 5591.85                |
|                      |                         | 4/27/2020        | ND                       | ND                     | 49.90                    | 5593.93                |
|                      |                         | 8/18/2020        | ND                       | ND                     | 49.90                    | 5593.93                |
|                      |                         | 11/17/2020       | ND                       | ND                     | 49.93                    | 5593.90                |
|                      |                         | 5/20/2021        | ND                       | ND                     | 49.94                    | 5593.89                |
|                      |                         | 8/23/2021        | ND                       | ND                     | 50.94                    | 5592.89                |
|                      |                         | 8/24/2021        | ND                       | ND                     | 51.90                    | 5591.93                |
|                      |                         | 8/29/2021        | ND                       | ND                     | 50.66                    | 5593.17                |
|                      |                         | 11/9/2021        | ND                       | ND                     | 50.37                    | 5593.46                |
|                      |                         | 5/17/2022        | ND                       | ND                     | 50.33                    | 5593.50                |
|                      |                         | 11/1/2022        | ND                       | ND                     | 50.51                    | 5593.32                |
|                      |                         | 5/18/2023        | ND                       | ND                     | 50.56                    | 5593.27                |
|                      |                         | 11/10/2023       | ND                       | ND                     | 50.60                    | 5593.23                |
| <b>MW-53</b>         | <b>5656.17</b>          | 9/23/2019        | ND                       | ND                     | 59.90                    | 5596.27                |
|                      |                         | 10/15/2019       | ND                       | ND                     | 47.92                    | 5608.25                |
|                      |                         | 4/27/2020        | ND                       | ND                     | 43.35                    | 5612.82                |
|                      |                         | 8/18/2020        | ND                       | ND                     | 43.27                    | 5612.90                |
|                      |                         | 11/17/2020       | ND                       | ND                     | 43.29                    | 5612.88                |
|                      |                         | 5/20/2021        | ND                       | ND                     | 43.07                    | 5613.10                |
|                      |                         | 11/9/2021        | ND                       | ND                     | 43.08                    | 5613.09                |
|                      |                         | 5/17/2022        | ND                       | ND                     | 42.95                    | 5613.22                |
|                      |                         | 11/1/2022        | ND                       | ND                     | 42.96                    | 5613.21                |
|                      |                         | 5/18/2023        | ND                       | ND                     | 42.93                    | 5613.24                |
| <b>MW-54</b>         | <b>5651.30</b>          | 9/23/2019        | ND                       | ND                     | 59.55                    | 5591.75                |
|                      |                         | 10/15/2019       | ND                       | ND                     | 59.56                    | 5591.74                |
|                      |                         | 4/27/2020        | ND                       | ND                     | 59.38                    | 5591.92                |

**Table 2**  
**Groundwater Elevation Data**  
**Blanco Gas Plant - North Flare Pit, Bloomfield, New Mexico**

| Monitoring Well       | TOC Elevation (ft amsl) | Measurement Date | Depth to LNAPL (ft btoc) | LNAPL Thickness (feet) | Depth to Water (ft btoc) | GW Elevation (ft amsl) |
|-----------------------|-------------------------|------------------|--------------------------|------------------------|--------------------------|------------------------|
| <b>MW-54 (contd.)</b> | <b>5651.30</b>          | 8/18/2020        | ND                       | ND                     | 59.30                    | 5592.00                |
|                       |                         | 11/17/2020       | ND                       | ND                     | 59.41                    | 5591.89                |
|                       |                         | 5/20/2021        | ND                       | ND                     | 59.28                    | 5592.02                |
|                       |                         | 11/9/2021        | ND                       | ND                     | 58.82                    | 5592.48                |
|                       |                         | 5/17/2022        | ND                       | ND                     | 58.64                    | 5592.66                |
|                       |                         | 11/1/2022        | ND                       | ND                     | 58.20                    | 5593.10                |
|                       |                         | 5/18/2023        | ND                       | ND                     | 57.65                    | 5593.65                |
|                       |                         | 11/10/2023       | ND                       | ND                     | 58.23                    | 5593.07                |
| <b>MW-55</b>          | <b>5633.54</b>          | 9/23/2019        | ND                       | ND                     | 49.96                    | 5583.58                |
|                       |                         | 10/15/2019       | ND                       | ND                     | 49.29                    | 5584.25                |
|                       |                         | 4/27/2020        | ND                       | ND                     | 48.85                    | 5584.69                |
|                       |                         | 8/18/2020        | ND                       | ND                     | 48.91                    | 5584.63                |
|                       |                         | 11/17/2020       | ND                       | ND                     | 48.93                    | 5584.61                |
|                       |                         | 5/20/2021        | ND                       | ND                     | 48.59                    | 5584.95                |
|                       |                         | 11/9/2021        | ND                       | ND                     | 48.70                    | 5584.84                |
|                       |                         | 5/17/2022        | ND                       | ND                     | 48.53                    | 5585.01                |
|                       |                         | 11/1/2022        | ND                       | ND                     | 48.55                    | 5584.99                |
|                       |                         | 5/18/2023        | ND                       | ND                     | 48.50                    | 5585.04                |
|                       |                         | 11/10/2023       | ND                       | ND                     | 48.60                    | 5584.94                |
| <b>MW-56</b>          | <b>5627.88</b>          | 9/23/2019        | ND                       | ND                     | 58.11                    | 5569.77                |
|                       |                         | 10/15/2019       | ND                       | ND                     | 58.45                    | 5569.43                |
|                       |                         | 4/27/2020        | ND                       | ND                     | 59.45                    | 5568.43                |
|                       |                         | 8/18/2020        | ND                       | ND                     | 59.80                    | 5568.08                |
|                       |                         | 11/17/2020       | ND                       | ND                     | 59.80                    | 5568.08                |
|                       |                         | 5/20/2021        | ND                       | ND                     | DRY                      | N/A                    |
|                       |                         | 11/9/2021        | ND                       | ND                     | DRY                      | N/A                    |
|                       |                         | 5/17/2022        | ND                       | ND                     | DRY                      | N/A                    |
|                       |                         | 11/1/2022        | ND                       | ND                     | DRY                      | N/A                    |
|                       |                         | 5/18/2023        | ND                       | ND                     | DRY                      | N/A                    |
|                       |                         | 11/10/2023       | ND                       | ND                     | DRY                      | N/A                    |
| <b>MW-57</b>          | <b>5626.42</b>          | 8/29/2021        | ND                       | ND                     | 75.83                    | 5550.59                |
|                       |                         | 11/9/2021        | ND                       | ND                     | 72.80                    | 5553.62                |
|                       |                         | 5/17/2022        | ND                       | ND                     | 64.56                    | 5561.86                |
|                       |                         | 11/1/2022        | ND                       | ND                     | 56.38                    | 5570.04                |
|                       |                         | 5/18/2023        | ND                       | ND                     | 57.05                    | 5569.37                |
|                       |                         | 8/31/2023        | ND                       | ND                     | 65.05                    | 5561.37                |
|                       |                         | 11/10/2023       | ND                       | ND                     | 56.15                    | 5570.27                |
| <b>MW-58</b>          | <b>5642.11</b>          | 5/18/2023        | ND                       | ND                     | 65.16                    | 5576.95                |
|                       |                         | 8/31/2023        | ND                       | ND                     | 65.77                    | 5576.34                |
|                       |                         | 11/10/2023       | ND                       | ND                     | 65.89                    | 5576.22                |
| <b>MW-59</b>          | <b>5641.72</b>          | 5/18/2023        | ND                       | ND                     | 71.88                    | 5569.84                |
|                       |                         | 8/31/2023        | ND                       | ND                     | 72.00                    | 5569.72                |
|                       |                         | 11/10/2023       | ND                       | ND                     | DRY                      | N/A                    |
| <b>MW-60</b>          | <b>5647.96</b>          | 5/18/2023        | ND                       | ND                     | DRY                      | N/A                    |
|                       |                         | 11/10/2023       | ND                       | ND                     | DRY                      | N/A                    |
| <b>MP-1</b>           | <b>5648.53</b>          | 7/21/2021        | ND                       | ND                     | 58.63                    | 5589.90                |
|                       |                         | 8/23/2021        | ND                       | ND                     | 55.92                    | 5592.61                |
|                       |                         | 8/24/2021        | 56.00                    | 7.10                   | 63.10                    | 5590.76                |
|                       |                         | 8/29/2021        | 64.20                    | >4.4                   | ND                       | N/A                    |



**Table 2**  
**Groundwater Elevation Data**  
**Blanco Gas Plant - North Flare Pit, Bloomfield, New Mexico**

| Monitoring Well | TOC Elevation (ft amsl) | Measurement Date | Depth to LNAPL (ft btoc) | LNAPL Thickness (feet) | Depth to Water (ft btoc) | GW Elevation (ft amsl) |
|-----------------|-------------------------|------------------|--------------------------|------------------------|--------------------------|------------------------|
| MP-1 (contd.)   | 5648.53                 | 11/9/2021        | 55.29                    | 7.19                   | 62.48                    | 5591.44                |
|                 |                         | 3/23/2022        | 54.63                    | 7.52                   | 62.15                    | 5592.02                |
|                 |                         | 5/17/2022        | 55.26                    | 5.93                   | 61.19                    | 5591.79                |
|                 |                         | 7/29/2022        | 56.37                    | 4.30                   | 60.67                    | 5591.09                |
|                 |                         | 11/1/2022        | 55.11                    | 5.18                   | 60.29                    | 5592.13                |
|                 |                         | 3/30/2023        | 54.90                    | 5.92                   | 60.82                    | 5592.15                |
|                 |                         | 5/18/2023        | 55.68                    | 4.59                   | 60.27                    | 5591.70                |
|                 |                         | 8/31/2023        | 55.49                    | 4.48                   | 59.97                    | 5591.92                |
|                 |                         | 11/10/2023       | 55.58                    | 5.16                   | 60.74                    | 5591.66                |
| MP-2            | 5639.67                 | 7/19/2021        | ND                       | ND                     | DRY                      | N/A                    |
|                 |                         | 8/23/2021        | ND                       | ND                     | DRY                      | N/A                    |
|                 |                         | 8/29/2021        | ND                       | ND                     | DRY                      | N/A                    |
|                 |                         | 11/9/2021        | ND                       | ND                     | DRY                      | N/A                    |
|                 |                         | 3/23/2022        | ND                       | ND                     | 56.24                    | N/A                    |
|                 |                         | 5/17/2022        | ND                       | ND                     | 55.42                    | N/A                    |
|                 |                         | 7/29/2022        | ND                       | ND                     | 54.68                    | N/A                    |
|                 |                         | 11/1/2022        | ND                       | ND                     | 53.31                    | N/A                    |
|                 |                         | 3/30/2023        | ND                       | ND                     | 52.59                    | N/A                    |
|                 |                         | 5/18/2023        | ND                       | ND                     | 52.62                    | N/A                    |
|                 |                         | 8/31/2023        | ND                       | ND                     | 48.61                    | N/A                    |
|                 |                         | 11/10/2023       | ND                       | ND                     | 52.59                    | N/A                    |
| MP-3            | 5633.96                 | 7/19/2021        | ND                       | ND                     | 75.09                    | 5558.87                |
|                 |                         | 8/23/2021        | ND                       | ND                     | 74.97                    | 5558.99                |
|                 |                         | 8/29/2021        | ND                       | ND                     | 75.03                    | 5558.93                |
|                 |                         | 11/9/2021        | ND                       | ND                     | 75.25                    | 5558.71                |
|                 |                         | 3/23/2022        | ND                       | ND                     | 75.68                    | 5558.28                |
|                 |                         | 5/17/2022        | ND                       | ND                     | 75.80                    | 5558.16                |
|                 |                         | 11/1/2022        | ND                       | ND                     | 76.06                    | 5557.90                |
|                 |                         | 3/30/2023        | ND                       | ND                     | 75.86                    | 5558.10                |
|                 |                         | 5/18/2023        | ND                       | ND                     | 75.92                    | 5558.04                |
|                 |                         | 8/31/2023        | ND                       | ND                     | 75.69                    | 5558.27                |
|                 |                         | 11/10/2023       | ND                       | ND                     | 75.38                    | 5558.58                |
| TW-2            | 5649.45                 | 8/29/2021        | ND                       | ND                     | DRY                      | N/A                    |
|                 |                         | 11/9/2021        | 61.89                    | >0.61                  | ND                       | N/A                    |
|                 |                         | 3/23/2022        | 60.94                    | 1.22                   | 62.16                    | 5588.21                |
|                 |                         | 5/17/2022        | 61.36                    | 0.63                   | 61.99                    | 5587.93                |
|                 |                         | 5/17/2022        | 61.28                    | 1.63                   | 62.91                    | 5587.76                |
|                 |                         | 11/1/2022        | 61.06                    | 0.63                   | 61.69                    | 5588.23                |
|                 |                         | 3/30/2023        | 60.59                    | 0.12                   | 60.71                    | 5588.83                |
|                 |                         | 5/18/2023        | 61.41                    | 0.50                   | 61.91                    | 5587.92                |
|                 |                         | 8/31/2023        | 61.00                    | 0.65                   | 61.65                    | 5588.29                |
|                 |                         | 11/10/2023       | 61.47                    | 0.48                   | 61.95                    | 5587.86                |



**Table 2**  
**Groundwater Elevation Data**  
**Blanco Gas Plant - North Flare Pit, Bloomfield, New Mexico**

| Monitoring Well | TOC Elevation (ft amsl) | Measurement Date | Depth to LNAPL (ft btoc) | LNAPL Thickness (feet) | Depth to Water (ft btoc) | GW Elevation (ft amsl) |
|-----------------|-------------------------|------------------|--------------------------|------------------------|--------------------------|------------------------|
| TW-3            | 5639.78                 | 8/29/2021        | ND                       | ND                     | DRY                      | N/A                    |
|                 |                         | 11/9/2021        | ND                       | ND                     | DRY                      | N/A                    |
|                 |                         | 3/23/2022        | ND                       | ND                     | DRY                      | N/A                    |
|                 |                         | 5/17/2022        | ND                       | ND                     | DRY                      | N/A                    |
|                 |                         | 11/1/2022        | ND                       | ND                     | DRY                      | N/A                    |
|                 |                         | 3/30/2023        | ND                       | ND                     | DRY                      | N/A                    |
|                 |                         | 5/18/2023        | ND                       | ND                     | DRY                      | N/A                    |
|                 |                         | 8/31/2023        | ND                       | ND                     | DRY                      | N/A                    |
| TW-4            | 5633.78                 | 11/10/2023       | ND                       | ND                     | DRY                      | N/A                    |
|                 |                         | 8/29/2021        | ND                       | ND                     | DRY                      | N/A                    |
|                 |                         | 11/9/2021        | ND                       | ND                     | 75.26                    | 5558.52                |
|                 |                         | 3/23/2022        | ND                       | ND                     | 75.69                    | 5558.09                |
|                 |                         | 5/17/2022        | ND                       | ND                     | 75.81                    | 5557.97                |
|                 |                         | 11/1/2022        | ND                       | ND                     | 76.02                    | 5557.76                |
|                 |                         | 3/30/2023        | ND                       | ND                     | 75.83                    | 5557.95                |
|                 |                         | 5/18/2023        | ND                       | ND                     | 75.88                    | 5557.90                |
|                 |                         | 8/31/2023        | ND                       | ND                     | 75.67                    | 5558.11                |
|                 |                         | 11/10/2023       | ND                       | ND                     | 75.33                    | 5558.45                |

**Notes:**

ft amsl = feet above mean sea level.

ft btoc = feet below top of casing.

LNAPL = Light non-aqueous phase liquid.

N/A = Elevation not determined.

NA = Historical data not available.

ND = not detected.

NM = not measured.

TOC = top of casing.

Monitoring wells abandoned prior to 2017 have been removed from the table.

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

A specific gravity of 0.75 is within the range of gas condensate (<https://www.sciencedirect.com/topics/earth-and-planetary-sciences/gas-condensate>)

**Table 3**  
**Summary of Groundwater BTEX Analytical Results**  
**Blanco Gas Plant - North Flare Pit, Bloomfield, 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                 |
| <b>MW-23</b>            | 9/25/1992   | 2.77           | 0.221          | 7.69                | 6.09                 |
|                         | 2/1/1993    | 2.9            | 3.5            | 0.19                | 4.1                  |
|                         | 2/25/1993   | 2.9            | 0.19           | 3.5                 | 4.1                  |
|                         | 6/8/1993    | 1.68           | 0.0301         | 1.85                | 2.906                |
|                         | 9/29/1993   | 2.133          | 0.216          | 1.807               | 3.823                |
|                         | 2/10/1994   | 2.09           | 0.151          | 1.15                | 2.66                 |
|                         | 5/13/1994   | 3.53           | 0.255          | 0.852               | 2.15                 |
|                         | 8/22/1994   | 3.27           | 0.212          | 0.353               | 1.176                |
|                         | 11/13/2000  | 3.7            | <0.025         | 0.84                | 1.4                  |
|                         | 3/26/2001   | 7.2            | <0.025         | 0.52                | 1.3                  |
|                         | 5/30/2002   | 9.3            | <0.05          | 0.36                | 1.5                  |
|                         | 6/2/2003    | 8.92           | <0.010         | 0.337               | 1.45                 |
|                         | 8/4/2003    | 2.25           | <0.010         | 0.1                 | 0.337                |
|                         | 9/3/2003    | 3.86           | 0.0078         | 0.208               | 0.768                |
|                         | 12/16/2003  | 5.08           | <0.05          | <0.05               | 0.219                |
|                         | 5/17/2004   | 8.02           | <0.013         | 0.208               | 1.49                 |
|                         | 8/23/2004   | 4.48           | <0.025         | 0.16                | 0.966                |
|                         | 11/22/2004  | 3.36           | <0.001         | <0.001              | <0.002               |
|                         | 2/23/2005   | 7.45           | <0.001         | 0.321               | 1.38                 |
|                         | 5/23/2005   | 9.9            | 0.0365         | 0.27                | 1.65                 |
|                         | 8/30/2005   | 3.76           | <0.005         | 0.0532              | 0.199                |
|                         | 11/17/2005  | 5.28           | 0.0026         | 0.203               | 0.863                |
|                         | 2/21/2006   | 4.9            | 0.0049         | 0.0567              | 0.71                 |
|                         | 6/8/2006    | 3.47           | <0.001         | <0.001              | 0.373                |
|                         | 8/15/2006   | 6.49           | 0.0266         | 0.165               | 1.27                 |
|                         | 11/3/2006   | 3.92           | 0.0263         | 0.103               | 0.735                |
|                         | 2/26/2007   | 8.91           | 0.0307         | 0.276               | 1.6                  |
|                         | 5/29/2007   | 6.41           | <0.011         | 0.276               | 1.24                 |
|                         | 8/22/2007   | 5.11           | 0.0145         | 0.172               | 0.855                |
|                         | 11/28/2007  | 5.82           | <0.05          | 0.147               | 1.08                 |
|                         | 2/20/2008   | 8.29 B         | 0.0093         | 0.271               | 1.87 B               |
|                         | 5/22/2008   | 4.86           | <0.1           | 0.14                | 0.891                |
|                         | 8/21/2008   | 5.92           | <0.1           | 0.146               | 1.25                 |
|                         | 11/6/2008   | 6.59           | 0.0042         | 0.186               | 1.4                  |
|                         | 2/17/2009   | 6.01           | <0.05          | 0.219               | 1.52                 |
|                         | 5/11/2009   | 6.74           | 0.0054         | 0.162               | 1.53                 |
|                         | 8/26/2009   | 6.71           | 0.0358 J       | 0.278               | 1.72                 |
|                         | 2/18/2010   | 6.55           | <0.1           | 0.227               | 1.5                  |
|                         | 8/25/2010   | 5.5            | <0.025         | 0.152               | 1.22                 |
|                         | 2/23/2011   | 5.84           | 0.0088         | 0.16                | 1.23                 |
|                         | 8/31/2011   | 6.27           | 0.0038         | 0.174               | 1.38                 |
|                         | 12/17/2013  | 6.34           | 0.00965 J      | 0.101               | 0.964                |
|                         | 6/19/2014   | 8.58           | <0.0075        | 0.149               | 1.48                 |
|                         | 12/17/2014  | 9.7            | <0.0075        | 0.141               | 1.41                 |
|                         | 6/24/2015   | 7.64           | <0.00396       | 0.224               | 0.983                |
|                         | 12/16/2015  | 8.09           | <0.00396       | 0.169               | 1.36                 |
|                         | 6/29/2016   | 9.13           | <0.00396       | 0.181               | 1.58                 |
|                         | 12/13/2016  | 9.13           | <0.0099        | 0.206               | 1.66                 |
|                         | 4/27/2017   | 7.89           | <0.0099        | 0.163               | 1.21                 |
|                         | 11/14/2017  | 8.61           | 0.0037 J       | 0.166               | 1.13                 |
|                         | 4/2/2018    | 8.13           | <0.0099        | 0.206               | 1.69                 |
|                         | 11/14/2018  | 9.87           | <0.0099        | 0.174               | 1.16                 |
|                         | 4/17/2019   | 10.5           | <0.00495       | 0.211               | 1.26                 |
|                         | 9/24/2019   | 10.7           | 0.0139         | 0.362               | 1.82                 |
|                         | 4/28/2020   | 8.75           | <0.00396       | 0.159               | 0.945                |
|                         | 11/18/2020  | 7.8 J-         | <0.021         | 0.087 J-            | 0.51 J-              |
|                         | 5/20/2021   | 9.0            | <0.021         | 0.25                | 1.4                  |
|                         | 11/10/2021  | 7.7            | <0.021         | 0.13                | 0.75                 |
|                         | 5/17/2022   | 7.2            | <0.021         | 0.11                | 0.71                 |
|                         | 11/2/2022   | 9.6            | <0.041         | 0.15                | 0.94 J               |
|                         | 5/18/2023   | 8.5            | <0.1           | <0.1                | <1.0                 |
|                         | 11/13/2023  | 7.1            | <0.045         | 0.090               | 0.54                 |
| <b>MW-32</b>            | 8/26/2009   | 9.05           | 16.3           | 0.48                | 6.39                 |
|                         | 2/18/2010   | 11.3           | 16.2           | 0.397               | 4.96                 |
|                         | 2/22/2011   | 9.45           | 12.1           | 0.386               | 4.63                 |
|                         | 12/17/2013  | 5.88           | 0.54           | 0.303               | 4.3                  |
|                         | 6/19/2014   | 6.65 JH        | 2.24           | 0.324               | 5.41                 |
|                         | 12/17/2014  | 1.57           | 0.736          | 0.098               | 1.57                 |
|                         | 6/24/2015   | 3.91           | 0.0807         | 0.504               | 4.08                 |

**Table 3**  
**Summary of Groundwater BTEX Analytical Results**  
**Blanco Gas Plant - North Flare Pit, Bloomfield, 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-32 (cont.)           | 12/16/2015  | 4.2                                    | 1.95           | 0.499               | 7.56                 |
|                         | 6/29/2016   | 7.01                                   | 15             | 0.624               | 24.8                 |
|                         | 12/13/2016  | 5.84                                   | 2.14           | 0.57                | 6.74                 |
|                         | 4/27/2017   | 10.2                                   | 8.65           | 0.497               | 6.53                 |
|                         | 11/14/2017  | 6.53                                   | 11             | 0.447               | 5.91                 |
|                         | 4/2/2018    | 4.92                                   | 4.38           | 0.516               | 7.73                 |
|                         | 11/14/2018  | 4.42                                   | 0.389 J        | 0.384               | 4.98                 |
|                         | 4/17/2019   | Sample not collected. LNAPL in well.   |                |                     |                      |
|                         | 10/15/2019  | Sample not collected. LNAPL in well.   |                |                     |                      |
|                         | 4/28/2020   | Sample not collected. LNAPL in well.   |                |                     |                      |
|                         | 11/18/2020  | Sample not collected. LNAPL in well.   |                |                     |                      |
|                         | 5/20/2021   | Sample not collected. LNAPL in well.   |                |                     |                      |
|                         | 11/9/2021   | Sample not collected. LNAPL in well.   |                |                     |                      |
|                         | 5/17/2022   | Sample not collected. LNAPL in well.   |                |                     |                      |
|                         | 11/2/2022   | Sample not collected. LNAPL in well.   |                |                     |                      |
|                         | 5/18/2023   | Sample not collected. LNAPL in well.   |                |                     |                      |
|                         | 11/13/2023  | Sample not collected. LNAPL in well.   |                |                     |                      |
| MW-33                   | 6/8/2006    | 0.0011                                 | 0.0042         | <0.001              | 0.0045               |
|                         | 8/15/2006   | 0.0301                                 | 0.0377         | <0.05               | 0.0246               |
|                         | 11/3/2006   | <0.001                                 | 0.0013         | <0.001              | <0.002               |
|                         | 2/26/2007   | <0.001                                 | <0.001         | <0.001              | <0.002               |
|                         | 5/29/2007   | <0.001                                 | <0.001         | <0.001              | <0.002               |
|                         | 8/22/2007   | <0.001                                 | <0.001         | <0.001              | <0.002               |
|                         | 11/28/2007  | <0.002                                 | <0.002         | <0.002              | <0.006               |
|                         | 2/20/2008   | 0.00099 UB                             | 0.001 UB       | <0.001              | 0.001 UB             |
|                         | 5/22/2008   | <0.001                                 | <0.001         | <0.001              | <0.002               |
|                         | 8/21/2008   | <0.001                                 | <0.001         | <0.001              | <0.003               |
|                         | 11/6/2008   | 0.0021                                 | <0.002         | <0.002              | 0.002 J              |
|                         | 2/17/2009   | 0.0015                                 | 0.00030 J      | <0.001              | 0.0022               |
|                         | 5/11/2009   | <0.002                                 | <0.002         | <0.002              | <0.006               |
|                         | 8/26/2009   | <0.001                                 | <0.001         | <0.001              | <0.002               |
|                         | 2/18/2010   | 0.00098 J                              | <0.001         | <0.001              | 0.00099 J            |
|                         | 8/25/2010   | 0.0004 J                               | <0.001         | <0.001              | <0.002               |
|                         | 2/22/2011   | 0.00055 J                              | <0.001         | <0.001              | <0.001               |
|                         | 8/31/2011   | 0.00045 J                              | <0.001         | <0.001              | <0.001               |
|                         | 12/17/2013  | 0.00501                                | 0.000221 J     | 0.000110 J          | 0.000444 J           |
|                         | 6/19/2014   | <0.00008                               | <0.00015       | <0.00011            | <0.00026             |
|                         | 12/17/2014  | <0.00008                               | <0.00015       | <0.00011            | <0.00026             |
|                         | 6/24/2015   | <0.000176                              | <0.000198      | <0.000212           | <0.000366            |
|                         | 12/16/2015  | 0.000185                               | 0.000634       | <0.000212           | 0.000422             |
|                         | 6/29/2016   | <0.000176                              | 0.000544 J     | <0.000212           | 0.00131 J            |
|                         | 12/13/2016  | <0.000176                              | <0.000198      | <0.000212           | <0.000366            |
|                         | 4/27/2017   | <0.000176                              | <0.000198      | <0.000212           | <0.000366            |
|                         | 11/14/2017  | <0.000176                              | <0.000198      | <0.000212           | <0.000366            |
|                         | 4/2/2018    | <0.000176                              | <0.000198      | <0.000212           | <0.000366            |
|                         | 11/14/2018  | <0.000176                              | <0.000198      | <0.000212           | <0.000366            |
|                         | 4/17/2019   | <0.000176                              | <0.000198      | <0.000212           | <0.000366            |
|                         | 9/24/2019   | 0.00035 J                              | <0.0002        | <0.00021            | <0.00037             |
|                         | 4/28/2020   | <0.000176                              | <0.000198      | <0.000212           | <0.000366            |
|                         | 11/18/2020  | <0.00038                               | <0.00041       | <0.00050            | <0.0016              |
|                         | 5/20/2021   | <0.00038                               | <0.00041       | <0.00050            | <0.0016              |
|                         | 7/16/2021   | Monitoring well plugged and abandoned. |                |                     |                      |
| MW-40                   | 11/14/2017  | <0.000176                              | <0.000198      | <0.000212           | <0.000366            |
|                         | 4/2/2018    | <0.000176                              | <0.000198      | <0.000212           | <0.000366            |
|                         | 11/14/2018  | <0.000176                              | <0.000198      | <0.000212           | <0.000366            |
|                         | 4/17/2019   | <0.000176                              | <0.000198      | <0.000212           | <0.000366            |
|                         | 9/24/2019   | <0.00018                               | <0.0002        | <0.00021            | <0.00037             |
|                         | 4/27/2020   | <0.000176                              | <0.000198      | <0.000212           | <0.000366            |
|                         | 11/18/2020  | <0.00038                               | <0.00041       | <0.00050            | <0.0016              |
|                         | 5/20/2021   | <0.00038                               | <0.00041       | <0.00050            | <0.0016              |
|                         | 11/10/2021  | <0.00013                               | <0.00041       | <0.00050            | <0.0016              |
|                         | 5/17/2022   | <0.00013                               | <0.00041       | <0.00050            | <0.0016              |
|                         | 11/2/2022   | <0.00013                               | <0.00041       | <0.00050            | <0.0016              |
|                         | 11/13/2023  | <0.00050                               | <0.00090       | <0.00050            | <0.0016              |
| MW-41                   | 11/14/2017  | 0.000239 J                             | 0.000536 J     | <0.000212           | <0.000366            |
|                         | 4/2/2018    | <0.000176                              | <0.000198      | <0.000212           | <0.000366            |
|                         | 11/14/2018  | <0.000176                              | <0.000198      | <0.000212           | <0.000366            |
|                         | 4/16/2019   | <0.000176                              | <0.000198      | <0.000212           | <0.000366            |
|                         | 9/24/2019   | <0.00018                               | <0.0002        | <0.00021            | <0.00037             |

**Table 3**  
**Summary of Groundwater BTEX Analytical Results**  
**Blanco Gas Plant - North Flare Pit, Bloomfield, 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                 |
| <b>MW-41 (cont.)</b>    | 4/27/2020           | <0.000176         | <0.000198         | <0.000212           | <0.000366            |
|                         | 11/18/2020          | <0.00038          | <0.00041          | <0.00050            | <0.0016              |
|                         | 5/20/2021           | <0.00038          | <0.00041          | <0.00050            | <0.0016              |
|                         | 11/10/2021          | <0.00013          | <0.00041          | <0.00050            | <0.0016              |
|                         | 5/17/2022           | <0.00013          | <0.00041          | <0.00050            | <0.0016              |
|                         | 11/2/2022           | <0.00013          | <0.00041          | <0.00050            | <0.0016              |
| <b>MW-42</b>            | 11/13/2023          | <0.00050          | <0.00090          | <0.00050            | <0.0016              |
|                         | 11/14/2017          | <0.000176         | <0.000198         | <0.000212           | <0.000366            |
|                         | 4/2/2018            | <0.000176         | <0.000198         | <0.000212           | <0.000366            |
|                         | 11/14/2018          | <0.000176         | <0.000198         | <0.000212           | <0.000366            |
|                         | 4/16/2019           | <0.000176         | <0.000198         | <0.000212           | <b>0.000403 J</b>    |
|                         | 9/23/2019           | <0.00018          | <0.0002           | <0.00021            | <0.00037             |
|                         | 4/27/2020           | <0.000176         | <0.000198         | <0.000212           | <0.000366            |
|                         | 11/18/2020          | <0.00038          | <0.00041          | <0.00050            | <0.0016              |
|                         | 5/20/2021           | <0.00038          | <0.00041          | <0.00050            | <0.0016              |
|                         | 11/10/2021          | <0.00013          | <0.00041          | <0.00050            | <0.0016              |
|                         | 5/17/2022           | <0.00013          | <0.00041          | <0.00050            | <0.0016              |
|                         | 11/2/2022           | <0.00013          | <0.00041          | <0.00050            | <0.0016              |
|                         | 11/13/2023          | <0.00050          | <0.00090          | <0.00050            | <0.0016              |
|                         | 11/14/2017          | <0.000176         | <0.000198         | <0.000212           | <0.000366            |
| <b>MW-43</b>            | 4/2/2018            | <0.000176         | <0.000198         | <b>0.000226 J</b>   | <0.000366            |
|                         | 11/14/2018          | <0.000176         | <0.000198         | <0.000212           | <b>0.000967 J</b>    |
|                         | 4/17/2019           | <0.000176         | <0.000198         | <0.000212           | <0.000366            |
|                         | 9/24/2019           | <0.00018          | <0.0002           | <0.00021            | <b>0.00059 J</b>     |
|                         | 4/28/2020           | <0.000176         | <0.000198         | <0.000212           | <0.000366            |
|                         | 11/18/2020          | <0.00038          | <0.00041          | <0.00050            | <0.0016              |
|                         | 5/20/2021           | <b>0.00051 J</b>  | <0.00041          | <0.00050            | <0.0016              |
|                         | 11/10/2021          | <b>0.00044 J</b>  | <0.00041          | <0.00050            | <0.0016              |
|                         | 5/17/2022           | <0.00013          | <0.00041          | <0.00050            | <0.0016              |
|                         | 11/2/2022           | <0.00013          | <0.00041          | <0.00050            | <0.0016              |
|                         | 11/13/2023          | <0.00050          | <0.00090          | <0.00050            | <0.0016              |
|                         | 11/14/2017          | <b>0.227</b>      | <b>0.000245 J</b> | <b>0.0177</b>       | <b>0.000451 J</b>    |
|                         | 4/2/2018            | <b>0.675</b>      | <0.00099          | <b>0.00198 J</b>    | <0.00183             |
|                         | 11/14/2018          | <b>0.646</b>      | <0.00099          | <b>0.00421 J</b>    | <0.00183             |
| <b>MW-44</b>            | 4/16/2019           | <b>1.43</b>       | <0.00198          | <b>0.0161</b>       | <0.00366             |
|                         | 9/24/2019           | <b>1.32</b>       | <0.00396          | <b>0.0122 J</b>     | <0.00732             |
|                         | 4/28/2020           | <b>0.796</b>      | <0.00396          | <b>0.013 J</b>      | <0.00732             |
|                         | 11/18/2020          | <b>0.34 J-</b>    | <0.00082          | <b>0.0058 J-</b>    | <0.0032              |
|                         | 11/18/2020 (Dup-01) | <b>0.25 J-</b>    | <0.00041 UJ       | <b>0.0062 J-</b>    | <0.0016 UJ           |
|                         | 5/20/2021           | <b>0.34</b>       | <0.00082          | <b>0.0093</b>       | <0.0032              |
|                         | 5/20/2021 (Dup-02)  | <b>0.35</b>       | <0.00082          | <b>0.010</b>        | <0.0032 J            |
|                         | 11/10/2021          | <b>0.57</b>       | <0.0021           | <b>0.016</b>        | <0.0080              |
|                         | 5/17/2022           | <b>0.18</b>       | <0.00082          | <b>0.011</b>        | <0.0032              |
|                         | 11/2/2022           | <b>0.20</b>       | <0.00082          | <b>0.0081</b>       | <0.0032              |
|                         | 11/2/2022 (Dup-01)  | <b>0.24</b>       | <0.00082          | <b>0.011</b>        | <0.0032              |
|                         | 11/13/2023          | <b>0.013</b>      | <0.00090          | <b>0.0017</b>       | <0.0016              |
|                         | 11/14/2017          | <b>1.25</b>       | <b>0.0053</b>     | <b>0.201</b>        | <b>1.66</b>          |
|                         | 4/2/2018            | <b>1.65</b>       | <b>0.0116</b>     | <b>0.254</b>        | <b>0.0524</b>        |
| <b>MW-45</b>            | 11/14/2018          | <b>6.47</b>       | <b>0.107</b>      | <b>0.103</b>        | <b>0.315</b>         |
|                         | 4/17/2019           | <b>2.5 J</b>      | <0.00396          | <0.00424            | <0.00732             |
|                         | 9/24/2019           | <b>2.86</b>       | <b>0.126</b>      | <b>0.0678</b>       | <b>0.353</b>         |
|                         | 4/28/2020           | <b>0.15</b>       | <b>0.00143</b>    | <b>0.000996 J</b>   | <b>0.00465</b>       |
|                         | 11/18/2020          | <b>0.32</b>       | <b>0.0056</b>     | <b>0.0021</b>       | <b>0.012 J</b>       |
|                         | 5/20/2021           | <b>1.6</b>        | <b>0.084</b>      | <b>0.047</b>        | <b>0.31</b>          |
|                         | 11/10/2021          | <b>0.26</b>       | <0.00082          | <b>0.0045</b>       | <b>0.0038 J</b>      |
|                         | 5/17/2022           | <b>0.069</b>      | <b>0.0011</b>     | <b>0.00057 J</b>    | <b>0.0021 J</b>      |
|                         | 11/2/2022           | <b>0.0073</b>     | <0.00041          | <0.00050            | <0.0016              |
|                         | 5/18/2023           | <b>0.12</b>       | <b>0.0027</b>     | <b>0.0014</b>       | <0.01                |
|                         | 5/18/2023 (Dup-01)  | <b>0.083</b>      | <b>0.0019</b>     | <0.001              | <0.01                |
|                         | 11/13/2023          | <b>0.57</b>       | <b>0.019</b>      | <b>0.0083</b>       | <b>0.063</b>         |
|                         | 11/13/2023 (Dup-01) | <b>0.25</b>       | <b>0.0089</b>     | <b>0.0044</b>       | <b>0.034</b>         |
|                         | 11/14/2017          | <0.000176         | <0.000198         | <0.000212           | <0.000366            |
| <b>MW-46</b>            | 4/2/2018            | <0.000176         | <0.000198         | <0.000212           | <0.000366            |
|                         | 11/14/2018          | <b>0.000258 J</b> | <0.000198         | <0.000212           | <0.000366            |
|                         | 4/16/2019           | <b>0.000234 J</b> | <0.000198         | <0.000212           | <0.000366            |
|                         | 9/23/2019           | <0.00018          | <0.0002           | <0.00021            | <0.00037             |
|                         | 4/28/2020           | <0.000176         | <0.000198         | <0.000212           | <0.000366            |
|                         | 11/18/2020          | <0.00038          | <0.00041          | <0.00050            | <0.0016              |
|                         | 5/20/2021           | <0.00038          | <0.00041          | <0.00050            | <0.0016              |

**Table 3**  
**Summary of Groundwater BTEX Analytical Results**  
**Blanco Gas Plant - North Flare Pit, Bloomfield, 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                 |
| <b>MW-46 (cont.)</b>    | 11/20/2021          | <0.00013                             | <0.00041          | <0.00050             | <0.0016              |
|                         | 5/17/2022           | <0.00013                             | <0.00041          | <0.00050             | <0.0016              |
|                         | 11/2/2022           | <0.00013                             | <0.00041          | <0.00050             | <0.0016              |
|                         | 11/13/2023          | <b>0.00072 J</b>                     | <0.00090          | <0.00050             | <0.0016              |
| <b>MW-47</b>            | 11/14/2017          | <b>0.831</b>                         | <b>0.0935</b>     | <b>0.0529</b>        | <b>0.327</b>         |
|                         | 4/2/2018            | <b>1.33</b>                          | <b>0.0185 J</b>   | <b>0.130</b>         | <b>0.256</b>         |
|                         | 11/14/2018          | <b>2.28</b>                          | <b>0.239</b>      | <b>0.314</b>         | <b>2.79</b>          |
|                         | 4/16/2019           | <b>2.55</b>                          | <b>0.239</b>      | <b>0.379</b>         | <b>4.55</b>          |
|                         | 10/15/2019          | Sample not collected. LNAPL in well. |                   |                      |                      |
|                         | 4/28/2020           | Sample not collected. LNAPL in well. |                   |                      |                      |
|                         | 11/18/2020          | Sample not collected. LNAPL in well. |                   |                      |                      |
|                         | 5/20/2021           | Sample not collected. LNAPL in well. |                   |                      |                      |
|                         | 11/9/2021           | Sample not collected. LNAPL in well. |                   |                      |                      |
|                         | 5/17/2022           | Sample not collected. LNAPL in well. |                   |                      |                      |
|                         | 11/2/2022           | Sample not collected. LNAPL in well. |                   |                      |                      |
|                         | 5/18/2023           | Sample not collected. LNAPL in well. |                   |                      |                      |
|                         | 11/13/2023          | Sample not collected. LNAPL in well. |                   |                      |                      |
| <b>MW-48</b>            | 11/14/2017          | <b>0.969</b>                         | <b>0.994</b>      | <b>0.0241</b>        | <b>0.294</b>         |
|                         | 4/2/2018            | <b>1.47</b>                          | <b>0.0216</b>     | <b>0.0440</b>        | <b>0.107</b>         |
|                         | 11/14/2018          | <b>1.21</b>                          | <b>0.00487 J</b>  | <b>0.0346</b>        | <b>0.00919 J</b>     |
|                         | 4/16/2019           | <b>0.706</b>                         | <b>0.00164</b>    | <b>0.0491</b>        | <b>0.00238</b>       |
|                         | 9/24/2019           | <b>1.4</b>                           | <b>0.00245 J</b>  | <b>0.0351</b>        | <b>0.00813 J</b>     |
|                         | 4/28/2020           | <b>1.8</b>                           | <b>0.000852 J</b> | <b>0.0342</b>        | <b>0.000465 J</b>    |
|                         | 11/18/2020          | <b>1.8</b>                           | <0.0041           | <b>0.019</b>         | <0.016               |
|                         | 11/18/2020 (Dup-02) | <b>1.8</b>                           | <0.0041           | <b>0.020</b>         | <0.016               |
|                         | 5/20/2021           | <b>3.1</b>                           | <0.0082           | <b>0.056</b>         | <0.032               |
|                         | 5/20/2021 (Dup-01)  | <b>2.4</b>                           | <0.0041           | <b>0.052</b>         | <0.016               |
|                         | 11/10/2021          | <b>2.2</b>                           | <0.0041           | <b>0.033</b>         | <0.016               |
|                         | 11/10/2021 (Dup-01) | <b>2.2</b>                           | <0.0082           | <b>0.022</b>         | <0.032               |
|                         | 5/17/2022           | <b>3.1</b>                           | <0.0082           | <b>0.033</b>         | <0.032               |
|                         | 5/17/2022 (Dup-01)  | <b>3.0</b>                           | <0.0041           | <b>0.028</b>         | <0.016               |
|                         | 11/2/2022           | <b>2.2</b>                           | <0.0041           | <b>0.016</b>         | <0.016               |
|                         | 11/13/2023          | <b>3.9</b>                           | <0.018            | <b>0.040</b>         | <0.032               |
|                         | 11/13/2023 (Dup-02) | <b>2.5</b>                           | <0.0090           | <b>0.020</b>         | <0.016               |
| <b>MW-49</b>            | 9/24/2019           | <0.00018                             | <b>0.0002 J</b>   | <0.00021             | <0.00037             |
|                         | 4/28/2020           | <0.000176                            | <0.000198         | <0.000212            | <0.000366            |
|                         | 11/18/2020          | <0.00038                             | <0.00041          | <0.00050             | <0.0016              |
|                         | 5/20/2021           | Sample not collected. Dry well.      |                   |                      |                      |
|                         | 11/10/2021          | Sample not collected. Dry well.      |                   |                      |                      |
|                         | 5/17/2022           | Sample not collected. Dry well.      |                   |                      |                      |
|                         | 11/2/2022           | Sample not collected. Dry well.      |                   |                      |                      |
|                         | 11/13/2023          | Sample not collected. Dry well.      |                   |                      |                      |
| <b>MW-50</b>            | 9/23/2019           | <0.00018                             | <0.0002           | <0.00021             | <0.00037             |
|                         | 4/28/2020           | <0.000176                            | <0.000198         | <0.000212            | <0.000366            |
|                         | 11/18/2020          | <0.00038                             | <0.00041          | <0.00050             | <0.0016              |
|                         | 5/20/2021           | Sample not collected. Dry well.      |                   |                      |                      |
|                         | 11/10/2021          | Sample not collected. Dry well.      |                   |                      |                      |
|                         | 5/17/2022           | Sample not collected. Dry well.      |                   |                      |                      |
|                         | 11/2/2022           | Sample not collected. Dry well.      |                   |                      |                      |
|                         | 11/13/2023          | <0.00050                             | <0.00090          | <0.00050             | <0.0016              |
| <b>MW-51</b>            | 9/24/2019           | <b>0.201</b>                         | <b>0.0621</b>     | <b>0.00655</b>       | <b>0.161</b>         |
|                         | 4/28/2020           | <0.000176                            | <0.000198         | <b>0.000331 J</b>    | <0.000366            |
|                         | 4/28/2020 (MD-51)   | <0.000176                            | <0.000198         | <b>0.000394 J</b>    | <0.000366            |
|                         | 11/18/2020          | <b>0.58</b>                          | <b>0.0048 J</b>   | <b>0.029</b>         | <b>0.032 J</b>       |
|                         | 5/20/2021           | <b>0.66 F1J-</b>                     | <b>0.0025 J</b>   | <b>0.027 F1F2JJ-</b> | <0.0080 F1F2UJ       |
|                         | 11/10/2021          | <b>0.51</b>                          | <b>0.0020</b>     | <b>0.016</b>         | <b>0.0052 J</b>      |
|                         | 5/17/2022           | <b>0.48</b>                          | <0.0021           | <b>0.0073</b>        | <0.0080              |
|                         | 11/2/2022           | <b>0.78</b>                          | <b>0.0022 J</b>   | <b>0.013</b>         | <0.0080              |
|                         | 5/18/2023           | <b>0.53</b>                          | <0.005            | <b>0.0065</b>        | <0.05                |
|                         | 11/13/2023          | <b>0.73</b>                          | <0.0045           | <b>0.0097</b>        | <0.0080              |
| <b>MW-52</b>            | 9/24/2019           | <0.00018                             | <0.0002           | <b>0.00043 J</b>     | <0.00037             |
|                         | 4/28/2020           | <0.000176                            | <0.000198         | <0.000212            | <0.000366            |
|                         | 11/18/2020          | <b>0.23 J-</b>                       | <0.00041          | <b>0.0072 J-</b>     | <0.0016              |
|                         | 5/20/2021           | <b>0.30</b>                          | <0.00082          | <b>0.0092</b>        | <0.0032              |
|                         | 11/10/2021          | <b>0.32</b>                          | <b>0.0011 J</b>   | <b>0.0041</b>        | <b>0.0058 J</b>      |
|                         | 5/17/2022           | <b>0.38 F1</b>                       | <0.00082          | <b>0.0037</b>        | <0.0032              |
|                         | 11/2/2022           | <b>0.38</b>                          | <0.00082          | <b>0.0027</b>        | <0.0032              |
|                         | 11/13/2023          | <b>0.31</b>                          | <0.0018           | <0.0010              | <0.0032              |

**Table 3**  
**Summary of Groundwater BTEX Analytical Results**  
**Blanco Gas Plant - North Flare Pit, Bloomfield, 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                 |
| <b>MW-53</b>            | 9/24/2019         | <0.00018                        | <0.0002          | <0.00021            | <0.00037             |
|                         | 4/27/2020         | <0.000176                       | <0.000198        | <0.000212           | <0.000366            |
|                         | 11/18/2020        | <0.00038                        | <0.00041         | <0.00050            | <0.0016              |
|                         | 5/20/2021         | <0.00038                        | <0.00041         | <0.00050            | <0.0016              |
|                         | 11/10/2021        | <0.00013                        | <0.00041         | <0.00050            | <0.0016              |
|                         | 5/17/2022         | <0.00013                        | <0.00041         | <0.00050            | <0.0016              |
|                         | 11/2/2022         | <0.00013                        | <0.00041         | <0.00050            | <0.0016              |
| <b>MW-54</b>            | 11/13/2023        | <0.00050                        | <0.00090         | <0.00050            | <0.0016              |
|                         | 9/24/2019         | <0.00018                        | <0.0002          | <0.00021            | <0.00037             |
|                         | 4/28/2020         | <0.000176                       | <0.000198        | <0.000212           | <0.000366            |
|                         | 4/28/2020 (MD-54) | <0.000176                       | <0.000198        | <0.000212           | <0.000366            |
|                         | 11/18/2020        | <0.00038                        | <0.00041         | <0.00050            | <0.0016              |
|                         | 5/20/2021         | <0.00038                        | <0.00041         | <0.00050            | <0.0016              |
|                         | 11/10/2021        | <0.00013                        | <0.00041         | <0.00050            | <0.0016              |
| <b>MW-55</b>            | 5/17/2022         | <0.00013                        | <0.00041         | <0.00050            | <0.0016              |
|                         | 11/2/2022         | <0.00013                        | <0.00041         | <0.00050            | <0.0016              |
|                         | 11/13/2023        | <0.00050                        | <0.00090         | <0.00050            | <0.0016              |
|                         | 9/24/2019         | <0.00018                        | <0.0002          | <0.00021            | <b>0.00051 J</b>     |
|                         | 4/27/2020         | <b>0.00697</b>                  | <b>0.00253</b>   | <0.000212           | <b>0.000644 J</b>    |
|                         | 11/18/2020        | <b>0.0048</b>                   | <b>0.00097 J</b> | <0.00050            | <0.0016              |
|                         | 5/20/2021         | <b>0.0051</b>                   | <b>0.0011</b>    | <0.00050            | <0.0016              |
| <b>MW-56</b>            | 11/10/2021        | <b>0.004</b>                    | <b>0.0023</b>    | <0.00050            | <0.0016              |
|                         | 5/17/2022         | <b>0.0072</b>                   | <b>0.0029</b>    | <0.00050            | <0.0016              |
|                         | 11/2/2022         | <b>0.0022</b>                   | <0.00041         | <0.00050            | <0.0016              |
|                         | 11/13/2023        | <b>0.0029</b>                   | <b>0.0015</b>    | <0.00050            | <0.0016              |
|                         | 9/24/2019         | <0.00018                        | <0.0002          | <0.00021            | <0.00037             |
|                         | 4/28/2020         | <0.000176                       | <0.000198        | <0.000212           | <0.000366            |
|                         | 11/18/2020        | <0.00038                        | <0.00041         | <0.00050            | <0.0016              |
| <b>MW-57</b>            | 5/20/2021         | Sample not collected. Dry well. |                  |                     |                      |
|                         | 11/10/2021        | Sample not collected. Dry well. |                  |                     |                      |
|                         | 5/17/2022         | Sample not collected. Dry well. |                  |                     |                      |
|                         | 11/2/2022         | Sample not collected. Dry well. |                  |                     |                      |
|                         | 11/13/2023        | Sample not collected. Dry well. |                  |                     |                      |
|                         | 11/10/2021        | <0.00013                        | <0.00041         | <0.00050            | <0.0016              |
|                         | 5/17/2022         | <0.00013                        | <0.00041         | <0.00050            | <0.0016              |
| <b>MW-58</b>            | 11/2/2022         | <0.00013                        | <0.00041         | <0.00050            | <0.0016              |
|                         | 11/13/2023        | <0.00050                        | <0.00090         | <0.00050            | <0.0016              |
|                         | 5/18/2023         | <b>4.1 J+</b>                   | <b>4.9 J+</b>    | <b>0.31</b>         | <b>3.3</b>           |
| <b>MW-59</b>            | 11/13/2023        | <b>9.6</b>                      | <0.090           | <b>0.19</b>         | <0.16                |
|                         | 5/18/2023         | <b>0.49</b>                     | <b>0.53</b>      | <b>0.0057</b>       | <b>0.1</b>           |
| <b>MW-60</b>            | 11/13/2023        | Sample not collected. Dry well. |                  |                     |                      |
|                         | 11/13/2023        | Sample not collected. Dry well. |                  |                     |                      |

**Notes:**

mg/L = Milligrams per Liter

NMWQCC = New Mexico Water Quality Control Commission

Analytical data from monitoring wells abandoned prior to 2017 have been removed from the table.

Bolded text indicates a detected concentration.

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

B = The analyte was detected in an associated QA/QC blank; sample result unaffected.

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

F2 = MS/MSD RPD exceeds control limits.

J = The analyte was detected at a concentration above the instrument detection limit but below the method detection limit.

J+ = The analyte was positively identified; the quantitation is an estimation with a potential high bias.

J- = The analyte was positively identified; the quantitation is an estimation with a potential low bias.

JH = Estimated with a high bias, actual concentration may be lower than the concentration reported.

LNAPL = Light non-aqueous phase liquid.

UB = The analyte was detected in an associated QA/QC blank; sample result considered non-detect.

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

&lt; = The analyte was not detected above the listed method detection limit.

**Table 4**  
**Summary of Groundwater Nitrate Analytical Results**  
**Blanco Gas Plant - North Flare Pit, Bloomfield, New Mexico**

| Monitoring Well         | Sample Date | Nitrate as Nitrogen (mg/L)            |
|-------------------------|-------------|---------------------------------------|
| NMWQCC Standard (mg/L): |             | 10                                    |
| MW-23                   | 4/2/2018    | <0.628                                |
|                         | 9/24/2019   | <b>1.26 J</b>                         |
|                         | 4/28/2020   | <0.0251                               |
|                         | 11/18/2020  | <b>0.10</b>                           |
|                         | 5/20/2021   | <0.33                                 |
|                         | 11/10/2021  | <0.063                                |
|                         | 5/17/2022   | <0.63                                 |
|                         | 5/18/2023   | <2.0                                  |
|                         | 11/13/2023  | <0.63 UJ                              |
| MW-32                   | 4/2/2018    | <0.628                                |
|                         | 9/24/2019   | NC                                    |
|                         | 4/28/2020   | NC                                    |
|                         | 11/18/2020  | NC                                    |
|                         | 5/20/2021   | NC                                    |
|                         | 11/10/2021  | NC                                    |
|                         | 5/17/2022   | NC                                    |
|                         | 11/13/2023  | NC                                    |
| MW-33                   | 12/17/2014  | <b>19</b>                             |
|                         | 11/14/2017  | <b>80.9</b>                           |
|                         | 4/2/2018    | <b>154</b>                            |
|                         | 11/14/2018  | <b>87.8</b>                           |
|                         | 4/17/2019   | <b>72</b>                             |
|                         | 9/24/2019   | <b>80.4</b>                           |
|                         | 4/28/2020   | <0.0251                               |
|                         | 11/18/2020  | <b>54 J-</b>                          |
|                         | 5/20/2021   | <b>57</b>                             |
| MW-40                   | 7/16/2021   | Monitoring well plugged and abandoned |
|                         | 11/14/2017  | <0.017                                |
|                         | 4/2/2018    | <0.628                                |
|                         | 11/14/2018  | <b>12.5</b>                           |
|                         | 4/17/2019   | <b>1.17</b>                           |
|                         | 9/24/2019   | <b>0.58</b>                           |
|                         | 4/27/2020   | <b>15.4</b>                           |
|                         | 11/18/2020  | <b>40 J-</b>                          |
|                         | 5/20/2021   | <b>51</b>                             |
|                         | 11/10/2021  | <b>54 HJ-</b>                         |
|                         | 5/17/2022   | <b>61</b>                             |
|                         | 11/13/2023  | <b>71 J</b>                           |
| MW-41                   | 11/14/2017  | <0.017                                |
|                         | 4/2/2018    | <0.628                                |
|                         | 11/14/2018  | <0.0251                               |
|                         | 4/16/2019   | <0.0251                               |
|                         | 9/24/2019   | <0.0251                               |
|                         | 4/27/2020   | <0.502                                |
|                         | 11/18/2020  | <b>4.9</b>                            |
|                         | 5/20/2021   | <b>5.1</b>                            |
|                         | 11/10/2021  | <b>6.6</b>                            |
|                         | 5/17/2022   | <b>11</b>                             |
|                         | 11/13/2023  | <b>22 J</b>                           |
| MW-42                   | 4/2/2018    | <0.628                                |
|                         | 9/24/2019   | <0.0251                               |
|                         | 4/27/2020   | <0.502                                |
|                         | 11/18/2020  | <0.033                                |
|                         | 5/20/2021   | <0.33                                 |



**Table 4**  
**Summary of Groundwater Nitrate Analytical Results**  
**Blanco Gas Plant - North Flare Pit, Bloomfield, New Mexico**

| Monitoring Well         | Sample Date         | Nitrate as Nitrogen (mg/L) |
|-------------------------|---------------------|----------------------------|
| NMWQCC Standard (mg/L): |                     | 10                         |
| <b>MW-42 (cont.)</b>    | 11/10/2021          | <0.063                     |
|                         | 5/17/2022           | <0.63                      |
|                         | 11/13/2023          | <0.63 UJ                   |
| <b>MW-43</b>            | 4/2/2018            | <0.628                     |
|                         | 9/24/2019           | <0.0251                    |
|                         | 4/28/2020           | <0.0251                    |
|                         | 11/18/2020          | <0.033                     |
|                         | 5/20/2021           | <0.33                      |
|                         | 11/10/2021          | <0.063                     |
|                         | 5/17/2022           | <0.63                      |
|                         | 11/13/2023          | <0.63 UJ                   |
| <b>MW-44</b>            | 4/2/2018            | <0.628                     |
|                         | 9/24/2019           | <0.0251                    |
|                         | 4/28/2020           | <0.0251 R                  |
|                         | 11/18/2020          | 0.089 J                    |
|                         | 11/18/2020          | 0.095 J                    |
|                         | 5/20/2021           | <0.33                      |
|                         | 5/20/2021 (Dup-02)  | <0.33                      |
|                         | 11/10/2021          | <0.063                     |
|                         | 5/17/2022           | <0.63                      |
|                         | 11/13/2023          | <0.63 UJ                   |
| <b>MW-45</b>            | 4/2/2018            | <0.628                     |
|                         | 9/24/2019           | <0.0251                    |
|                         | 4/28/2020           | <0.0251                    |
|                         | 11/18/2020          | <0.033                     |
|                         | 5/20/2021           | <0.33                      |
|                         | 11/10/2021          | <b>0.27</b>                |
|                         | 5/17/2022           | <0.32                      |
|                         | 5/18/2023           | <1.0                       |
|                         | 5/18/2023 (Dup-01)  | <1.0                       |
|                         | 11/13/2023          | <b>0.63 J</b>              |
|                         | 11/13/2023 (Dup-01) | <b>0.82</b>                |
| <b>MW-46</b>            | 4/2/2018            | <0.628                     |
|                         | 9/23/2019           | <0.0251                    |
|                         | 4/28/2020           | <0.0251                    |
|                         | 11/18/2020          | <0.033                     |
|                         | 5/20/2021           | <b>0.39 J</b>              |
|                         | 11/10/2021          | <0.063                     |
|                         | 5/17/2022           | <0.63                      |
| <b>MW-47</b>            | 11/13/2023          | <0.63 UJ                   |
|                         | 4/2/2018            | <0.628                     |
|                         | 9/24/2019           | NC                         |
|                         | 4/28/2020           | NC                         |
|                         | 11/18/2020          | NC                         |
|                         | 5/20/2021           | NC                         |
|                         | 11/10/2021          | NC                         |
|                         | 5/17/2022           | NC                         |
| <b>MW-48</b>            | 11/13/2023          | NC                         |
|                         | 4/2/2018            | <0.628                     |
|                         | 9/24/2019           | <0.0251                    |
|                         | 4/28/2020           | <0.0251                    |
|                         | 11/18/2020          | <0.033                     |
|                         | 11/18/2020 (Dup-02) | <0.033 UJ                  |



**Table 4**  
**Summary of Groundwater Nitrate Analytical Results**  
**Blanco Gas Plant - North Flare Pit, Bloomfield, New Mexico**

| Monitoring Well         | Sample Date         | Nitrate as Nitrogen (mg/L) |
|-------------------------|---------------------|----------------------------|
| NMWQCC Standard (mg/L): |                     | 10                         |
| <b>MW-48 (cont.)</b>    | 5/20/2021           | <0.033                     |
|                         | 5/20/2021 (Dup-01)  | <0.033                     |
|                         | 11/10/2021          | <0.063                     |
|                         | 11/10/2021 (Dup-01) | <0.063                     |
|                         | 5/17/2022           | <0.63                      |
|                         | 5/17/2022 (Dup-01)  | <0.63                      |
|                         | 11/13/2023          | <0.63 UJ                   |
|                         | 11/13/2023 (Dup-02) | <0.63 UJ                   |
| <b>MW-49</b>            | 9/24/2019           | <0.0251                    |
|                         | 4/28/2020           | <0.0251                    |
|                         | 11/18/2020          | <0.033                     |
|                         | 5/20/2021           | NC                         |
|                         | 11/10/2021          | NC                         |
|                         | 5/17/2022           | NC                         |
|                         | 11/13/2023          | NC                         |
| <b>MW-50</b>            | 9/23/2019           | <b>16.7 J</b>              |
|                         | 4/28/2020           | <b>4.08</b>                |
|                         | 11/18/2020          | <b>4.2</b>                 |
|                         | 5/20/2021           | NC                         |
|                         | 11/10/2021          | NC                         |
|                         | 5/17/2022           | NC                         |
|                         | 11/13/2023          | <b>96 J</b>                |
| <b>MW-51</b>            | 9/24/2019           | <0.0251                    |
|                         | 4/28/2020           | <0.0251                    |
|                         | 4/28/2020 (MD-51)   | <0.0251                    |
|                         | 11/18/2020          | <0.033                     |
|                         | 5/20/2021           | <b>0.33</b>                |
|                         | 11/10/2021          | <0.063                     |
|                         | 5/17/2022           | <0.63                      |
|                         | 5/18/2023           | <2.0                       |
|                         | 11/13/2023          | <0.63 UJ                   |
| <b>MW-52</b>            | 9/24/2019           | <b>1.04</b>                |
|                         | 4/28/2020           | <0.0251                    |
|                         | 11/18/2020          | <0.033                     |
|                         | 5/20/2021           | <0.033                     |
|                         | 11/10/2021          | <0.063                     |
|                         | 5/17/2022           | <0.63                      |
|                         | 11/13/2023          | <0.63 UJ                   |
| <b>MW-53</b>            | 9/24/2019           | <0.0251 R                  |
|                         | 4/27/2020           | <0.502 J                   |
|                         | 11/18/2020          | <0.033                     |
|                         | 5/20/2021           | <0.033                     |
|                         | 11/10/2021          | <0.063                     |
|                         | 5/17/2022           | <0.63                      |
|                         | 11/13/2023          | <0.63 UJ                   |
| <b>MW-54</b>            | 9/24/2019           | <0.0251                    |
|                         | 4/28/2020           | <0.0251                    |
|                         | 4/28/2020 (MD-54)   | <0.0251                    |
|                         | 11/18/2020          | <b>13 J-</b>               |
|                         | 5/20/2021           | <b>8.6</b>                 |
|                         | 11/10/2021          | <b>14 HJ-</b>              |
|                         | 5/17/2022           | <b>13</b>                  |
|                         | 11/13/2023          | <b>12 J</b>                |

**Table 4**  
**Summary of Groundwater Nitrate Analytical Results**  
**Blanco Gas Plant - North Flare Pit, Bloomfield, New Mexico**

| Monitoring Well         | Sample Date | Nitrate as Nitrogen (mg/L) |
|-------------------------|-------------|----------------------------|
| NMWQCC Standard (mg/L): |             | 10                         |
| <b>MW-55</b>            | 9/24/2019   | <0.0251                    |
|                         | 4/27/2020   | <0.502                     |
|                         | 11/18/2020  | <0.033                     |
|                         | 5/20/2021   | <0.033                     |
|                         | 11/10/2021  | <0.063                     |
|                         | 5/17/2022   | <0.63                      |
|                         | 11/13/2023  | <0.63 UJ                   |
| <b>MW-56</b>            | 9/24/2019   | <0.0251                    |
|                         | 4/28/2020   | <0.0251                    |
|                         | 11/18/2020  | <b>0.46</b>                |
|                         | 5/20/2021   | NC                         |
|                         | 11/10/2021  | NC                         |
|                         | 5/17/2022   | NC                         |
|                         | 11/13/2023  | NC                         |
| <b>MW-57</b>            | 11/10/2021  | <b>4.9</b>                 |
|                         | 5/17/2022   | <b>10</b>                  |
|                         | 11/13/2023  | <b>54 J</b>                |
| <b>MW-58</b>            | 5/18/2023   | <1.0                       |
|                         | 11/13/2023  | <0.63 UJ                   |
| <b>MW-59</b>            | 5/18/2023   | <1.0                       |
|                         | 11/13/2023  | NC                         |
| <b>MW-60</b>            | 11/13/2023  | NC                         |

**Notes:**

mg/L = Milligrams per Liter

NMWQCC = New Mexico Water Quality Control Commission

Bolded text indicates a detected concentration.

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

&lt; = The analyte was not detected above listed method detection limit.

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

J = The reported result is estimated.

J- = The analyte was positively identified; the quantitation is an estimation with a potential low bias.

NC = A sample was not collected from this location.

R = The analytical result was rejected due to poor recovery on the matrix spike/matrix spike duplicate.

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

Table 5  
Summary of Soil Analytical Results  
Blanco Gas Plant - North Flare Pit, Bloomfield, New Mexico

| Location                      | Sample Depth (ft<br>bgs) | Date (mm/dd/yy) | Benzene (mg/kg) | Toluene (mg/kg) | Ethylbenzene<br>(mg/kg) | Xylenes, Total<br>(mg/kg) | Total BTEX<br>(mg/kg) | GRO C6-10 (mg/kg) | DRO C10-28<br>(mg/kg) | ORO C28-35<br>(mg/kg) | TPH (mg/kg) | Chloride (mg/kg) |
|-------------------------------|--------------------------|-----------------|-----------------|-----------------|-------------------------|---------------------------|-----------------------|-------------------|-----------------------|-----------------------|-------------|------------------|
| NMOCD Criteria <sup>a</sup> : |                          |                 | 10              | NE              | NE                      | NE                        | 50 <sup>b</sup>       | NE                | NE                    | NE                    | 100         | 600              |
| MW-40                         | 1-2                      | 9/5/2017        | <0.000617       | <0.00135        | <0.000999               | <0.00111                  | <0.00135              | NA                | NA                    | NA                    | NA          | NA               |
|                               | 11-12                    | 9/7/2017        | <0.000576       | <0.00126        | <0.000933               | <0.00103                  | <0.00126              | NA                | NA                    | NA                    | NA          | NA               |
|                               | 19-20                    | 9/7/2017        | <0.000593       | <0.0013         | <0.00096                | <0.0013                   | <0.0013               | NA                | NA                    | NA                    | NA          | NA               |
|                               | 29-30                    | 9/7/2017        | <0.000655       | <0.00144        | <0.00106                | <0.00118                  | <0.00144              | NA                | NA                    | NA                    | NA          | NA               |
|                               | 39-40                    | 9/7/2017        | <0.000627       | <0.00137        | <0.00102                | <0.00113                  | <0.00137              | NA                | NA                    | NA                    | NA          | NA               |
|                               | 50-51                    | 9/7/2017        | <0.000603       | <0.00132        | <0.000976               | <0.00108                  | <0.00132              | NA                | NA                    | NA                    | NA          | NA               |
|                               | 57-58                    | 9/7/2017        | <0.000555       | <0.00122        | <0.000898               | <0.000995                 | <0.00122              | NA                | NA                    | NA                    | NA          | NA               |
| MW-41                         | 1-2                      | 9/5/2017        | <0.00063        | <0.00138        | <0.00102                | <0.00113                  | <0.00138              | NA                | NA                    | NA                    | NA          | NA               |
|                               | 12-14                    | 9/13/2017       | <0.000662       | <0.00145        | <0.00107                | <0.00119                  | <0.00145              | NA                | NA                    | NA                    | NA          | NA               |
|                               | 20-22                    | 9/13/2017       | <0.000649       | <0.00142        | <0.00105                | <0.00116                  | <0.00142              | NA                | NA                    | NA                    | NA          | NA               |
|                               | 35-36                    | 9/13/2017       | <0.000583       | <0.00128        | <0.000943               | <0.00105                  | <0.00128              | NA                | NA                    | NA                    | NA          | NA               |
|                               | 40-41                    | 9/13/2017       | <0.00066        | <0.00145        | <0.00107                | <0.00118                  | <0.00145              | NA                | NA                    | NA                    | NA          | NA               |
|                               | 50-51                    | 9/13/2017       | <0.000808       | <0.00177        | <0.00131                | <0.00145                  | <0.00177              | NA                | NA                    | NA                    | NA          | NA               |
|                               | 60-61                    | 9/13/2017       | <0.000573       | <0.00126        | <0.000928               | <0.00103                  | <0.00126              | NA                | NA                    | NA                    | NA          | NA               |
|                               | 64-65                    | 9/13/2017       | <0.000631       | <0.00138        | <0.00102                | <0.00113                  | <0.00138              | NA                | NA                    | NA                    | NA          | NA               |
| MW-42                         | 1-2                      | 9/6/2017        | <0.00131        | <0.00288        | <0.00213                | <0.00236                  | <0.00288              | NA                | NA                    | NA                    | NA          | NA               |
|                               | 13-15                    | 9/15/2017       | <0.000663       | <0.00145        | <0.00107                | <0.00119                  | <0.00145              | NA                | NA                    | NA                    | NA          | NA               |
|                               | 20-21                    | 9/15/2017       | <0.000658       | <0.00144        | <0.00106                | <0.00118                  | <0.00144              | NA                | NA                    | NA                    | NA          | NA               |
|                               | 30-31                    | 9/15/2017       | <0.000666       | <0.00146        | <0.00108                | <0.00119                  | <0.00146              | NA                | NA                    | NA                    | NA          | NA               |
|                               | 40-41                    | 9/15/2017       | <0.000645       | <0.00141        | <0.00104                | <0.00116                  | <0.00141              | NA                | NA                    | NA                    | NA          | NA               |
| MW-43                         | 1-2                      | 9/5/2017        | <0.00131        | <0.00286        | <0.00212                | <0.00235                  | <0.00286              | NA                | NA                    | NA                    | NA          | NA               |
|                               | 14-15                    | 9/8/2017        | <0.00068        | <0.00149        | <0.0011                 | <0.00122                  | <0.00149              | NA                | NA                    | NA                    | NA          | NA               |
|                               | 20-21                    | 9/8/2017        | <0.000619       | <0.00135        | <0.001                  | <0.00111                  | <0.00135              | NA                | NA                    | NA                    | NA          | NA               |
|                               | 25-26                    | 9/8/2017        | <0.000564       | <0.00123        | <0.000913               | <0.00101                  | <0.00123              | NA                | NA                    | NA                    | NA          | NA               |
|                               | 41-42                    | 9/8/2017        | <0.000655       | <0.00143        | <0.00106                | <0.00117                  | <0.00143              | NA                | NA                    | NA                    | NA          | NA               |
|                               | 54-55                    | 9/8/2017        | <0.000583       | <0.00128        | 0.00644                 | 0.0139                    | 0.020                 | NA                | NA                    | NA                    | NA          | NA               |
| MW-44                         | 1-2                      | 9/6/2017        | <0.0012         | <0.00262        | <0.00194                | <0.00215                  | <0.00262              | NA                | NA                    | NA                    | NA          | NA               |
|                               | 14-16                    | 9/10/2017       | 0.0025 J        | <0.00146        | <0.00108                | <0.00119                  | 0.003 J               | NA                | NA                    | NA                    | NA          | NA               |
|                               | 20-21                    | 9/10/2017       | <0.000592       | <0.0013         | <0.000958               | <0.00106                  | <0.0013               | NA                | NA                    | NA                    | NA          | NA               |
|                               | 31-32                    | 9/10/2017       | <0.000671       | <0.00147        | <0.00109                | <0.0012                   | <0.00147              | NA                | NA                    | NA                    | NA          | NA               |
|                               | 41-42                    | 9/10/2017       | <0.000562       | <0.00123        | <0.00091                | <0.00101                  | <0.00123              | NA                | NA                    | NA                    | NA          | NA               |
|                               | 53-54                    | 9/10/2017       | <0.000654       | <0.00143        | <0.00106                | <0.00117                  | <0.00143              | NA                | NA                    | NA                    | NA          | NA               |
|                               | 62-63                    | 9/10/2017       | <0.000511       | <0.00112        | 0.00293 J               | <0.000917                 | 0.003 J               | NA                | NA                    | NA                    | NA          | NA               |
|                               | 69-70                    | 9/10/2017       | <0.000581       | <0.00127        | <0.00094                | <0.00104                  | <0.00127              | NA                | NA                    | NA                    | NA          | NA               |
| MW-45                         | 1-2                      | 9/5/2017        | <0.00089        | <0.00195        | <0.00144                | <0.0016                   | <0.00195              | NA                | NA                    | NA                    | NA          | NA               |
|                               | 13-14                    | 9/11/2017       | <0.000644       | <0.00141        | <0.00104                | <0.00116                  | <0.00141              | NA                | NA                    | NA                    | NA          | NA               |
|                               | 23-24                    | 9/12/2017       | 0.0011 J        | 0.00135 J       | <0.000997               | <0.00235                  | 0.002 J               | NA                | NA                    | NA                    | NA          | NA               |
|                               | 31-32                    | 9/12/2017       | 0.102           | <0.0012         | 0.101                   | 0.00316 J                 | 0.21 J                | NA                | NA                    | NA                    | NA          | NA               |
|                               | 35-36                    | 9/12/2017       | 0.224 J         | 0.498 J         | 0.440 J                 | 4.02 J                    | 5.18 J                | NA                | NA                    | NA                    | NA          | NA               |
|                               | 39-40                    | 9/12/2017       | 1.22            | 4.87            | 4.82                    | 54.8                      | 66                    | NA                | NA                    | NA                    | NA          | NA               |
|                               | 48-49                    | 9/12/2017       | 25.1            | 45.9            | 29.5                    | 317                       | 418                   | NA                | NA                    | NA                    | NA          | NA               |
|                               | 59-60                    | 9/12/2017       | 20.1            | 4.92            | 5.51                    | 77.1                      | 108                   | NA                | NA                    | NA                    | NA          | NA               |
|                               | 69-70                    | 4/12/2017       | 21.6            | 20.7            | 16                      | 155                       | 213                   | NA                | NA                    | NA                    | NA          | NA               |

Table 5  
Summary of Soil Analytical Results  
Blanco Gas Plant - North Flare Pit, Bloomfield, New Mexico

| Location                      | Sample Depth (ft<br>bgs) | Date (mm/dd/yy) | Benzene (mg/kg) | Toluene (mg/kg) | Ethylbenzene<br>(mg/kg) | Xylenes, Total<br>(mg/kg) | Total BTEX<br>(mg/kg) | GRO C6-10 (mg/kg) | DRO C10-28<br>(mg/kg) | ORO C28-35<br>(mg/kg) | TPH (mg/kg) | Chloride (mg/kg) |
|-------------------------------|--------------------------|-----------------|-----------------|-----------------|-------------------------|---------------------------|-----------------------|-------------------|-----------------------|-----------------------|-------------|------------------|
| NMOCD Criteria <sup>a</sup> : |                          |                 | 10              | NE              | NE                      | NE                        | 50 <sup>b</sup>       | NE                | NE                    | NE                    | 100         | 600              |
| MW-46                         | 1-2                      | 9/6/2017        | <0.000704       | <0.00154        | <0.00114                | <0.00126                  | <0.00154              | NA                | NA                    | NA                    | NA          | NA               |
|                               | 12-13                    | 9/18/2017       | <0.000685       | <0.0015         | <0.00111                | <0.00123                  | <0.0015               | NA                | NA                    | NA                    | NA          | NA               |
|                               | 25-26                    | 9/18/2017       | <0.000645       | <0.00141        | <0.00104                | <0.00116                  | <0.00141              | NA                | NA                    | NA                    | NA          | NA               |
|                               | 35-36                    | 9/18/2017       | <0.000657       | <0.00144        | <0.00106                | <0.00118                  | <0.00144              | NA                | NA                    | NA                    | NA          | NA               |
|                               | 41-42                    | 9/18/2017       | <0.000704       | <0.00154        | <0.00114                | <0.00126                  | <0.00154              | NA                | NA                    | NA                    | NA          | NA               |
|                               | 49-50                    | 9/18/2017       | <0.000549       | <0.0012         | <0.000889               | <0.000985                 | <0.0012               | NA                | NA                    | NA                    | NA          | NA               |
| MW-47                         | 1-2                      | 9/6/2017        | <0.00106        | <0.00232        | <0.00172                | <0.0019                   | <0.00232              | NA                | NA                    | NA                    | NA          | NA               |
|                               | 12-13                    | 9/19/2017       | <0.000685       | <0.0015         | <0.00111                | <0.00123                  | <0.0015               | NA                | NA                    | NA                    | NA          | NA               |
|                               | 20-21                    | 9/19/2017       | <0.000664       | <0.00145        | <0.00107                | <0.00119                  | <0.00145              | NA                | NA                    | NA                    | NA          | NA               |
|                               | 30-31                    | 9/19/2017       | <0.000586       | <0.00128        | <0.000949               | <0.00105                  | <0.00128              | NA                | NA                    | NA                    | NA          | NA               |
|                               | 39-40                    | 9/19/2017       | 0.0064          | <0.00113        | 0.0438                  | 0.104                     | 0.15                  | NA                | NA                    | NA                    | NA          | NA               |
|                               | 44-45                    | 9/19/2017       | 6.08            | <0.18           | 1.67                    | 40.4                      | 48                    | NA                | NA                    | NA                    | NA          | NA               |
|                               | 46-47                    | 9/19/2017       | 0.049           | 0.00727         | 0.00398 J               | 0.132                     | 0.19 J                | NA                | NA                    | NA                    | NA          | NA               |
|                               | 47-49                    | 9/19/2017       | 1.82            | 9.25            | 0.524                   | 5.29                      | 17                    | NA                | NA                    | NA                    | NA          | NA               |
| MW-48                         | 1-2                      | 9/6/2017        | <0.00107        | <0.00234        | <0.00173                | <0.00191                  | <0.00234              | NA                | NA                    | NA                    | NA          | NA               |
|                               | 12-13                    | 9/21/2017       | <0.00067        | <0.00147        | <0.00108                | <0.0012                   | <0.00147              | NA                | NA                    | NA                    | NA          | NA               |
|                               | 21-22                    | 9/21/2017       | <0.000632       | <0.00138        | <0.00102                | <0.00113                  | <0.00138              | NA                | NA                    | NA                    | NA          | NA               |
|                               | 29-30                    | 9/21/2017       | <0.00053        | <0.00116        | <0.000858               | <0.000951                 | <0.00116              | NA                | NA                    | NA                    | NA          | NA               |
|                               | 36-37                    | 9/21/2017       | 0.00581         | 0.0377          | 0.0102                  | 0.156                     | 0.21                  | NA                | NA                    | NA                    | NA          | NA               |
|                               | 39-40                    | 9/21/2017       | 3.88            | 23.3            | 1.8                     | 25.2                      | 54                    | NA                | NA                    | NA                    | NA          | NA               |
| MW-49                         | 1-2                      | 8/15/2019       | <0.000603       | <0.00132        | <0.000976               | <0.00108                  | <0.00132              | NA                | NA                    | NA                    | NA          | NA               |
|                               | 14-15                    | 8/17/2019       | <0.000625       | <0.00137        | <0.00101                | <0.00112                  | <0.00137              | NA                | NA                    | NA                    | NA          | NA               |
|                               | 19-20                    | 8/17/2019       | <0.000612       | <0.00134        | <0.000991               | <0.0011                   | <0.00134              | NA                | NA                    | NA                    | NA          | NA               |
|                               | 29-30                    | 8/17/2019       | <0.000599       | <0.00131        | <0.00097                | <0.00107                  | <0.00131              | NA                | NA                    | NA                    | NA          | NA               |
|                               | 39-40                    | 8/17/2019       | <0.000644       | <0.00141        | <0.00104                | <0.00116                  | <0.00141              | NA                | NA                    | NA                    | NA          | NA               |
|                               | 49-50                    | 8/17/2019       | <0.000634       | <0.00139        | <0.00103                | <0.00114                  | <0.00139              | NA                | NA                    | NA                    | NA          | NA               |
|                               | 56-57                    | 8/17/2019       | <0.000626       | <0.00137        | <0.00101                | <0.00112                  | <0.00137              | NA                | NA                    | NA                    | NA          | NA               |
| MW-50                         | 1-2                      | 8/14/2019       | <0.000651       | <0.00143        | <0.00105                | <0.00117                  | <0.00143              | NA                | NA                    | NA                    | NA          | NA               |
|                               | 12-13                    | 8/18/2019       | <0.000653       | <0.00143        | <0.00106                | <0.00117                  | <0.00143              | NA                | NA                    | NA                    | NA          | NA               |
|                               | 19-20                    | 8/18/2019       | <0.00068        | <0.00149        | <0.0011                 | <0.00122                  | <0.00149              | NA                | NA                    | NA                    | NA          | NA               |
|                               | 29-30                    | 8/18/2019       | <0.000675       | <0.00148        | <0.00109                | <0.00121                  | <0.00148              | NA                | NA                    | NA                    | NA          | NA               |
|                               | 39-40                    | 8/18/2019       | <0.000725       | <0.00159        | <0.00117                | <0.0013                   | <0.00159              | NA                | NA                    | NA                    | NA          | NA               |
|                               | 49-50                    | 8/18/2019       | <0.000705       | <0.00154        | <0.00114                | <0.00126                  | <0.00154              | NA                | NA                    | NA                    | NA          | NA               |
|                               | 57-58                    | 8/18/2019       | <0.000669       | <0.00147        | <0.00108                | <0.0012                   | <0.00147              | NA                | NA                    | NA                    | NA          | NA               |
| MW-51                         | 1-2                      | 8/14/2019       | <0.000607       | <0.00133        | <0.000983               | <0.00109                  | <0.00133              | NA                | NA                    | NA                    | NA          | NA               |
|                               | 13-14                    | 8/19/2019       | <0.00314        | <0.00688        | <0.00509                | <0.00563                  | <0.00688              | NA                | NA                    | NA                    | NA          | NA               |
|                               | 19-20                    | 8/19/2019       | <0.00322        | <0.00705        | <0.00521                | <0.00578                  | <0.00705              | NA                | NA                    | NA                    | NA          | NA               |
|                               | 29-30                    | 8/19/2019       | <0.00313        | <0.00686        | <0.00507                | <0.00561                  | <0.00686              | NA                | NA                    | NA                    | NA          | NA               |
|                               | 39-40                    | 8/19/2019       | <0.000649       | 0.00174 J       | <0.00105                | 0.0105                    | 0.01 J                | NA                | NA                    | NA                    | NA          | NA               |
|                               | 49-50                    | 8/19/2019       | 1.36            | 5.86            | 1.12                    | 18.2                      | 27                    | NA                | NA                    | NA                    | NA          | NA               |

Table 5  
Summary of Soil Analytical Results  
Blanco Gas Plant - North Flare Pit, Bloomfield, New Mexico

| Location                      | Sample Depth (ft<br>bgs) | Date (mm/dd/yy) | Benzene (mg/kg) | Toluene (mg/kg) | Ethylbenzene<br>(mg/kg) | Xylenes, Total<br>(mg/kg) | Total BTEX<br>(mg/kg) | GRO C6-10 (mg/kg) | DRO C10-28<br>(mg/kg) | ORO C28-35<br>(mg/kg) | TPH (mg/kg)  | Chloride (mg/kg) |
|-------------------------------|--------------------------|-----------------|-----------------|-----------------|-------------------------|---------------------------|-----------------------|-------------------|-----------------------|-----------------------|--------------|------------------|
| NMOCD Criteria <sup>a</sup> : |                          |                 | 10              | NE              | NE                      | NE                        | 50 <sup>b</sup>       | NE                | NE                    | NE                    | 100          | 600              |
| MW-52                         | 1-2                      | 8/14/2019       | <0.000568       | <0.00124        | <0.00092                | <0.00102                  | <0.00124              | NA                | NA                    | NA                    | NA           | NA               |
|                               | 10-11                    | 8/24/2019       | <0.000647       | <0.00142        | <0.00105                | <0.00116                  | <0.00142              | NA                | NA                    | NA                    | NA           | NA               |
|                               | 19-20                    | 8/24/2019       | <0.000629       | <0.00138        | <0.00102                | <0.00113                  | <0.00138              | NA                | NA                    | NA                    | NA           | NA               |
|                               | 29-30                    | 8/24/2019       | <0.000671       | <0.00147        | <0.00109                | <0.0012                   | <0.00147              | NA                | NA                    | NA                    | NA           | NA               |
|                               | 36-37                    | 8/24/2019       | <0.000641       | <0.00141        | <0.00104                | <0.00115                  | <0.00141              | NA                | NA                    | NA                    | NA           | NA               |
| MW-53                         | 1-2                      | 8/15/2019       | <0.000674       | <0.00148        | <0.00109                | <0.00121                  | <0.00148              | NA                | NA                    | NA                    | NA           | NA               |
|                               | 9-10                     | 8/22/2019       | <0.000633       | <0.00139        | <0.00102                | <0.00114                  | <0.00139              | NA                | NA                    | NA                    | NA           | NA               |
|                               | 19-20                    | 8/22/2019       | <0.000647       | <0.00142        | <0.00105                | <0.00116                  | <0.00142              | NA                | NA                    | NA                    | NA           | NA               |
|                               | 29-30                    | 8/22/2019       | <0.000597       | <0.00131        | <0.000967               | <0.00107                  | <0.00131              | NA                | NA                    | NA                    | NA           | NA               |
|                               | 32-33                    | 8/22/2019       | <0.000673       | <0.00147        | <0.00109                | <0.00121                  | <0.00147              | NA                | NA                    | NA                    | NA           | NA               |
| MW-54                         | 0-1                      | 8/14/2019       | <0.00894        | <0.00196        | <0.00145                | <0.0016                   | <0.00894              | NA                | NA                    | NA                    | NA           | NA               |
|                               | 10-11                    | 8/20/2019       | <0.000644       | <0.00141        | <0.00104                | <0.00115                  | <0.00141              | NA                | NA                    | NA                    | NA           | NA               |
|                               | 19-20                    | 8/20/2019       | <0.000594       | <0.0013         | <0.000962               | <0.00107                  | <0.0013               | NA                | NA                    | NA                    | NA           | NA               |
|                               | 29-30                    | 8/20/2019       | <0.000642       | <0.00141        | <0.00104                | <0.00115                  | <0.00141              | NA                | NA                    | NA                    | NA           | NA               |
|                               | 39-40                    | 8/20/2019       | <0.00058        | <0.00127        | <0.000939               | <0.00104                  | <0.00127              | NA                | NA                    | NA                    | NA           | NA               |
| MW-55                         | 1-2                      | 8/14/2019       | <0.00061        | <0.00134        | <0.000988               | <0.00109                  | <0.00134              | NA                | NA                    | NA                    | NA           | NA               |
|                               | 10-11                    | 8/15/2019       | <0.000695       | <0.00152        | <b>0.00134 J</b>        | <b>0.00134 J</b>          | <b>0.003 J</b>        | NA                | NA                    | NA                    | NA           | NA               |
|                               | 19-20                    | 8/15/2019       | <0.000634       | <0.00139        | <0.00103                | <0.00114                  | <0.00139              | NA                | NA                    | NA                    | NA           | NA               |
|                               | 29-30                    | 8/15/2019       | <0.000642       | <0.00141        | <0.00104                | <0.00115                  | <0.00141              | NA                | NA                    | NA                    | NA           | NA               |
|                               | 34-35                    | 8/15/2019       | <b>0.00542</b>  | <b>0.0079</b>   | <0.00105                | <b>0.0133</b>             | <b>0.03</b>           | NA                | NA                    | NA                    | NA           | NA               |
| MW-56                         | 0-1                      | 8/16/2019       | <0.000742       | <0.00163        | <0.0012                 | <0.00133                  | <0.00163              | NA                | NA                    | NA                    | NA           | NA               |
|                               | 41-42                    | 8/17/2019       | <0.000748       | <0.00164        | <0.00121                | <0.00134                  | <0.00164              | NA                | NA                    | NA                    | NA           | NA               |
| MW-57                         | 30-32.5                  | 7/15/2021       | <0.00079        | <0.00072        | <0.0012                 | <0.0022                   | <0.0022               | NA                | NA                    | NA                    | NA           | NA               |
|                               | 43.5-46                  | 7/15/2021       | <0.00086        | <0.00078        | <0.0013                 | <0.0024                   | <0.0024               | NA                | NA                    | NA                    | NA           | NA               |
|                               | 58.5-61                  | 7/15/2021       | <0.00070        | <0.00064        | <0.0010                 | <0.0020                   | <0.0020               | NA                | NA                    | NA                    | NA           | NA               |
| MW-58                         | 14                       | 5/9/2023        | <0.00077        | <0.0012         | <0.00071                | <0.0022                   | <0.0022               | <b>3.5 J</b>      | <b>6.0</b>            | <b>8.8</b>            | <b>18 J</b>  | <b>33 F2 F1</b>  |
|                               | 17                       | 5/9/2023        | <0.093          | <b>1.0</b>      | <b>2.6</b>              | <b>26</b>                 | <b>29.6</b>           | <b>2100</b>       | <b>1100</b>           | <b>250</b>            | <b>3450</b>  | <b>580</b>       |
|                               | 20                       | 5/9/2023        | <0.032          | <b>0.47</b>     | <b>1.2</b>              | <b>13</b>                 | <b>14.7</b>           | <b>580</b>        | <b>560</b>            | <b>99</b>             | <b>1239</b>  | <b>150</b>       |
|                               | 25                       | 5/9/2023        | <0.068          | <b>4.8</b>      | <b>8.0</b>              | <b>85</b>                 | <b>97.8</b>           | <b>2800</b>       | <b>2900</b>           | <b>510</b>            | <b>6210</b>  | <b>210</b>       |
|                               | 36                       | 5/9/2023        | <0.036          | <b>0.11 J</b>   | <b>0.17 J</b>           | <b>3.7</b>                | <b>3.98 J</b>         | <b>270</b>        | <b>250</b>            | <b>31</b>             | <b>551</b>   | <b>37</b>        |
|                               | 46                       | 5/9/2023        | <b>2.3</b>      | <b>37</b>       | <b>10</b>               | <b>160</b>                | <b>209.3</b>          | <b>2900</b>       | <b>860</b>            | <b>100</b>            | <b>3860</b>  | <b>40</b>        |
|                               | 62                       | 5/9/2023        | <b>0.026</b>    | <b>0.30</b>     | <b>0.030</b>            | <b>0.33</b>               | <b>0.69</b>           | <b>25</b>         | <b>8.8</b>            | <2.3                  | <b>34</b>    | <b>8.9 J</b>     |
| MW-59                         | 15                       | 5/7/2023        | <0.00068        | <0.0010         | <0.00062                | <0.0019                   | <0.0019               | <2.8              | <2.1                  | <2.1*-                | <2.8         | <b>290</b>       |
|                               | 47                       | 5/7/2023        | <0.00070        | <0.0010         | <0.00063                | <0.0020                   | <0.0020               | <2.9              | <2.2                  | <2.2*-                | <2.9         | <b>7.3 J</b>     |
|                               | 58                       | 5/8/2023        | <b>0.002 J</b>  | <b>0.029</b>    | <b>0.0033 J</b>         | <b>0.044</b>              | <b>0.08 J</b>         | <b>14</b>         | <b>11</b>             | <2.2*-                | <b>25</b>    | <b>3.1 J</b>     |
|                               | 63                       | 5/8/2023        | <b>0.54</b>     | <b>3.8</b>      | <b>0.26</b>             | <b>3.8</b>                | <b>8.4</b>            | <b>45</b>         | <b>66</b>             | <b>6.2</b>            | <b>117.2</b> | <b>3.5 J</b>     |
| MW-60                         | 27                       | 5/6/2023        | <0.00069        | <0.001          | <0.00063                | <0.002                    | <0.002                | <2.5              | <2.1                  | <2.1                  | <2.5         | <b>23</b>        |
|                               | 63                       | 5/6/2023        | <0.00073        | <0.0011         | <0.00066                | <0.0021                   | <0.0021               | <3.0              | <2.2                  | <2.2                  | <3.0         | <b>4.4 J</b>     |
| MP-1                          | 29-31                    | 7/19/2021       | <b>0.021 J</b>  | <b>0.48</b>     | <b>0.043 J</b>          | <b>2.4</b>                | <b>2.94 J</b>         | NA                | NA                    | NA                    | NA           | NA               |
|                               | 39-41                    | 7/19/2021       | <0.00022        | <0.00036        | <b>0.0012 J</b>         | <b>0.0021 J</b>           | <b>0.003 J</b>        | NA                | NA                    | NA                    | NA           | NA               |
|                               | 51-53                    | 7/19/2021       | <b>0.0066 J</b> | <b>0.18</b>     | <b>0.36</b>             | <b>2.8</b>                | <b>3.35 J</b>         | NA                | NA                    | NA                    | NA           | NA               |

Table 5  
Summary of Soil Analytical Results  
Blanco Gas Plant - North Flare Pit, Bloomfield, New Mexico

| Location                      | Sample Depth (ft<br>bgs) | Date (mm/dd/yy) | Benzene (mg/kg) | Toluene (mg/kg) | Ethylbenzene<br>(mg/kg) | Xylenes, Total<br>(mg/kg) | Total BTEX<br>(mg/kg) | GRO C6-10 (mg/kg) | DRO C10-28<br>(mg/kg) | ORO C28-35<br>(mg/kg) | TPH (mg/kg) | Chloride (mg/kg) |
|-------------------------------|--------------------------|-----------------|-----------------|-----------------|-------------------------|---------------------------|-----------------------|-------------------|-----------------------|-----------------------|-------------|------------------|
| NMOCD Criteria <sup>a</sup> : |                          |                 | 10              | NE              | NE                      | NE                        | 50 <sup>b</sup>       | NE                | NE                    | NE                    | 100         | 600              |
| MP-2                          | 35-37.5                  | 7/18/2021       | <0.00023        | 0.00065 J       | 0.0026 J                | 0.017                     | 0.02 J                | NA                | NA                    | NA                    | NA          | NA               |
|                               | 49-51                    | 7/18/2021       | 0.0054          | 0.13            | 1.8                     | 14                        | 15.9                  | NA                | NA                    | NA                    | NA          | NA               |
| MP-3                          | 30-32.5                  | 7/17/2021       | 0.22 J          | 1.5             | 0.27 J                  | 14                        | 16 J                  | NA                | NA                    | NA                    | NA          | NA               |
|                               | 47.5-50                  | 7/17/2021       | 5.2             | 9.6             | 19                      | 93                        | 126.8                 | NA                | NA                    | NA                    | NA          | NA               |
|                               | 58.5-61                  | 7/17/2021       | 1.3             | 1.8             | 0.69 J                  | 16                        | 19.8 J                | NA                | NA                    | NA                    | NA          | NA               |
|                               | 70.5-73                  | 7/17/2021       | 0.0011 J        | 0.013           | 0.0026 J                | 0.11                      | 0.13 J                | NA                | NA                    | NA                    | NA          | NA               |
| SB-01                         | 1-2                      | 9/6/2017        | <0.000589       | <0.000954       | <0.00129                | <0.00106                  | <0.00129              | NA                | NA                    | NA                    | NA          | NA               |
|                               | 12-13                    | 9/22/2017       | <0.000588       | <0.000952       | <0.00129                | <0.00106                  | <0.00129              | NA                | NA                    | NA                    | NA          | NA               |
|                               | 19-21                    | 9/22/2017       | <0.000712       | <0.00115        | <0.00156                | 0.00265 J                 | 0.003 J               | NA                | NA                    | NA                    | NA          | NA               |
|                               | 31-32                    | 9/22/2017       | <0.000592       | <0.000958       | <0.0013                 | <0.00106                  | <0.0013               | NA                | NA                    | NA                    | NA          | NA               |
|                               | 38-39                    | 9/22/2017       | <0.000527       | <0.000854       | <0.00116                | <0.000946                 | <0.00116              | NA                | NA                    | NA                    | NA          | NA               |
| SB-02                         | 1-2                      | 9/6/2017        | <0.000585       | <0.001628       | <0.000947               | <0.00105                  | <0.001628             | NA                | NA                    | NA                    | NA          | NA               |
|                               | 12-14                    | 9/22/2017       | <0.000618       | <0.00135        | <0.001                  | <0.00110                  | <0.00135              | NA                | NA                    | NA                    | NA          | NA               |
|                               | 20-21                    | 9/22/2017       | <0.000616       | <0.00135        | <0.000997               | <0.00111                  | <0.00135              | NA                | NA                    | NA                    | NA          | NA               |
|                               | 28-30                    | 9/22/2017       | 0.093           | <0.00143        | 0.044                   | 0.117                     | 0.25                  | NA                | NA                    | NA                    | NA          | NA               |
|                               | 39-40                    | 9/22/2017       | 0.00229 J       | 0.0102          | <0.000931               | 0.00425 J                 | 0.02 J                | NA                | NA                    | NA                    | NA          | NA               |
| SB-03                         | 1-2                      | 9/6/2017        | <0.000624       | <0.00137        | <0.00101                | <0.00112                  | <0.00137              | NA                | NA                    | NA                    | NA          | NA               |
|                               | 13-14                    | 9/22/2017       | <0.000616       | <0.00135        | <0.000997               | <0.0011                   | <0.00135              | NA                | NA                    | NA                    | NA          | NA               |
|                               | 20-21                    | 9/22/2017       | <0.000662       | <0.00145        | <0.00107                | 0.00713                   | 0.007                 | NA                | NA                    | NA                    | NA          | NA               |
|                               | 28-30                    | 9/22/2017       | 5.73            | 11.4            | 12.5                    | 182                       | 212                   | NA                | NA                    | NA                    | NA          | NA               |
|                               | 33-34                    | 9/22/2017       | 5.59            | 66.8            | 5.14                    | 81.9                      | 159                   | NA                | NA                    | NA                    | NA          | NA               |
|                               | 36-37                    | 9/22/2017       | 61.8            | 261             | 13.4                    | 216                       | 552                   | NA                | NA                    | NA                    | NA          | NA               |
|                               | 40-42                    | 9/22/2017       | 4.28            | 28.1            | 4.16                    | 60.6                      | 97                    | NA                | NA                    | NA                    | NA          | NA               |
|                               | 43-44                    | 9/22/2017       | 7.32            | 43.1            | 4.88                    | 76.8                      | 132                   | NA                | NA                    | NA                    | NA          | NA               |
| SB-04                         | 20                       | 5/2/2023        | <0.00070        | <0.001          | <0.00063                | <0.002                    | <0.002                | <2.4              | <2.0                  | <2.0                  | <2.4        | 15 J             |
|                               | 30                       | 5/2/2023        | <0.00077        | <0.0012         | <0.0007                 | <0.0022                   | <0.0022               | <3.0              | <2.2                  | <2.2                  | <3.0        | 30               |
|                               | 57                       | 5/3/2023        | 0.15 J          | 3.1             | 0.64                    | 12                        | 15.9 J                | 180               | 200                   | 4.5 J                 | 384.5 J     | 13 J             |
|                               | 65                       | 5/3/2023        | 0.22 J          | 0.4             | 0.037 J                 | 0.51 J                    | 1.17 J                | 46                | 7.3                   | <2.2                  | 53          | 7.1 J            |
| SB-05                         | 27                       | 5/4/2023        | <0.00076        | <0.0011         | <0.00069                | <0.0021                   | <0.0021               | <3.1              | 4.6 J                 | 5.6                   | 10 J        | 73               |
|                               | 57                       | 5/4/2023        | 0.76            | 9.9             | 0.91                    | 13                        | 24.6                  | 150               | 48                    | <2.2                  | 198         | 8.7 J            |
|                               | 60                       | 5/4/2023        | 0.048 J         | 0.71            | 0.14 J                  | 2.5                       | 3.4 J                 | 66                | 370                   | 18                    | 454         | 5.7 J            |
| SB-06                         | 18                       | 5/5/2023        | <0.00076        | <0.0011         | <0.0007                 | <0.0022                   | <0.0022               | <2.7              | <2.2                  | <2.2                  | <2.7        | 7.0 J            |
|                               | 30                       | 5/5/2023        | <0.00077        | <0.0011         | <0.0007                 | <0.0022                   | <0.0022               | <2.7              | <2.2                  | <2.2                  | <2.7        | 19 J             |
|                               | 58                       | 5/5/2023        | <0.036          | 0.37            | <0.033                  | 0.38 J                    | 0.75 J                | 4.1 J             | <2.0                  | <2.0                  | 4 J         | 2.8 J            |
|                               | 69                       | 5/6/2023        | 0.1 J           | <0.059          | 0.058 J                 | 1.6                       | 1.76 J                | 47                | 240                   | 36                    | 323         | 6.3 J            |
| SB-07                         | 19                       | 5/5/2023        | <0.00068        | <0.0010         | <0.00061                | <0.0019                   | <0.0019               | <2.5              | <2.0                  | <2.0                  | <2.5        | 17 J             |
|                               | 29                       | 5/5/2023        | <0.00072        | <0.0011         | <0.00066                | <0.0020                   | <0.0020               | <2.5              | 2.9 J                 | <2.1                  | 3 J         | 39               |
|                               | 42                       | 5/5/2023        | <0.00071        | <0.0011         | <0.00064                | <0.0020                   | <0.0020               | 3.5 J             | 17                    | 6.9                   | 27 J        | 42               |
|                               | 51                       | 5/5/2023        | <0.00069        | <0.0010         | <0.00063                | <0.0020                   | <0.0020               | <2.5              | 8.6                   | 3.2 J                 | 12 J        | 15 J             |
|                               | 61                       | 5/5/2023        | 0.83            | 13              | 3.7                     | 53                        | 70.5                  | 2200              | 250                   | 20                    | 2470        | 5.6 J            |

Table 5  
Summary of Soil Analytical Results  
Blanco Gas Plant - North Flare Pit, Bloomfield, New Mexico

| Location                      | Sample Depth (ft bgs) | Date (mm/dd/yy) | Benzene (mg/kg) | Toluene (mg/kg) | Ethylbenzene (mg/kg) | Xylenes, Total (mg/kg) | Total BTEX (mg/kg) | GRO C6-10 (mg/kg) | DRO C10-28 (mg/kg) | ORO C28-35 (mg/kg) | TPH (mg/kg) | Chloride (mg/kg) |
|-------------------------------|-----------------------|-----------------|-----------------|-----------------|----------------------|------------------------|--------------------|-------------------|--------------------|--------------------|-------------|------------------|
| NMOCD Criteria <sup>a</sup> : |                       |                 | 10              | NE              | NE                   | NE                     | 50 <sup>b</sup>    | NE                | NE                 | NE                 | 100         | 600              |
| SB-08/MP-4                    | 16                    | 5/4/2023        | <0.00067        | <0.00099        | <0.00061             | <0.0019                | <0.0019            | <2.5              | <2.0               | <2.0               | <2.5        | 4.0 J            |
|                               | 30                    | 5/4/2023        | <0.00072        | <0.0011         | <0.00066             | <0.0020                | <0.0020            | 2.8 J             | <2.1               | <2.1               | 3 J         | 15 J             |
|                               | 37                    | 5/4/2023        | <0.00072        | <0.0011         | 0.0038 J             | 0.035                  | 0.04 J             | 8.6               | 620                | 360                | 988.6       | 7.2 J            |
|                               | 44                    | 5/4/2023        | <0.0041         | <0.0061         | 0.18 J               | 2.8                    | 2.98 J             | 310               | 510                | 75                 | 895.0       | 77               |
|                               | 55                    | 5/4/2023        | <0.085          | 0.28 J          | 2                    | 13                     | 15.3 J             | 1100              | 1300               | 220                | 2620        | 11 J             |
| TW-2                          | 31-33.5               | 7/20/2021       | 0.029 J         | 0.36            | 0.77                 | 6.2                    | 7.36 J             | NA                | NA                 | NA                 | NA          | NA               |
|                               | 37.5-40               | 7/20/2021       | 0.0019          | 0.007           | 0.025                | 0.12                   | 0.15               | NA                | NA                 | NA                 | NA          | NA               |
| TW-3                          | 44-46                 | 7/18/2021       | 0.0009 J        | 0.0007 J        | 0.0065               | 0.022                  | 0.03 J             | NA                | NA                 | NA                 | NA          | NA               |
|                               | 48-50                 | 7/18/2021       | 0.025 J         | 0.14            | 0.62                 | 3.5                    | 4.29 J             | NA                | NA                 | NA                 | NA          | NA               |
| TW-4                          | 44-46                 | 7/16/2021       | 1.5             | 2.7             | 1.4                  | 27                     | 32.6               | NA                | NA                 | NA                 | NA          | NA               |
|                               | 66-68.5               | 7/16/2021       | 0.55            | 2.1             | 1.2                  | 19                     | 22.9               | NA                | NA                 | NA                 | NA          | NA               |

Notes:

<sup>a</sup> Calculated following Section IV.A.2.b. of the NMOCD Guidelines for Remediation of Leaks, Spills and Releases, August 13, 1993. The depth to groundwater at the site is less than 50 feet, which generates a Total Ranking Score of 20 which indicates the required and listed Remediation Action Levels.

<sup>b</sup> Calculated following Section IV.A.2.b. of the NMOCD Guidelines for Remediation of Leaks, Spills, and Releases, August 13, 1993. The recommended Remediation Action Level is for a summation of all BTEX components.

Bolded text indicates a detected concentration.

Highlighted cells and bolded text indicates the concentration exceeded the NMOCD Recommended Action Level.

< = Analyte was not detected above the method detection limit.

\*- = LCS and/or LCSD is outside acceptance limits, low biased.

NA = Not analyzed

BTEX = benzene, toluene, ethylbenzene, total xylenes.

DRO = diesel range organics.

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

F2 = MS/MSD RPD exceeds control limits.

ft bgs = feet below ground surface.

GRO = gasoline range organics.

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

mg/kg = milligrams per kilogram.

NE = not established.

NMOCD = New Mexico Oil Conservation Division.

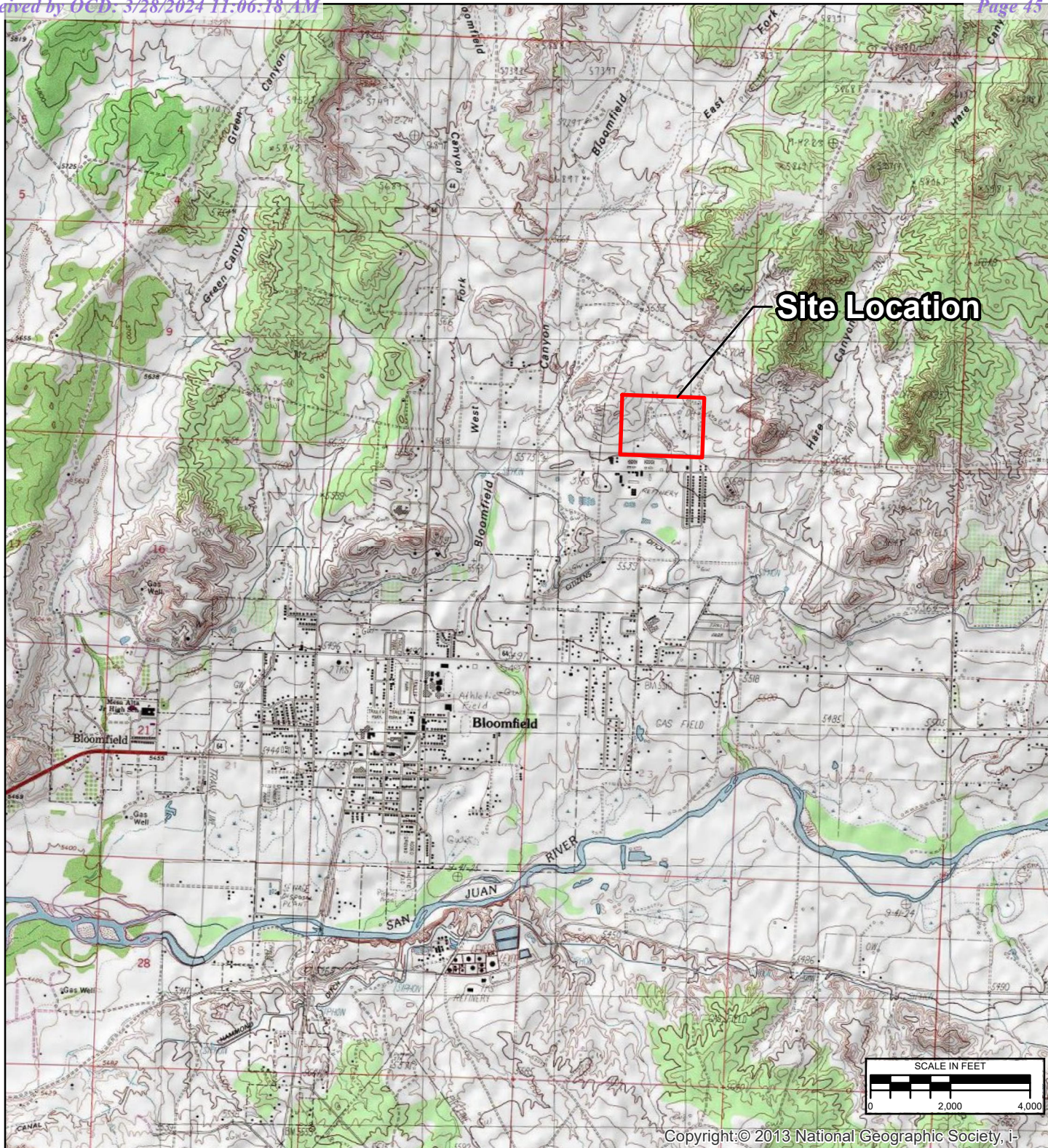
ORO = oil range organics.

TPH = Total Petroleum Hydrocarbons. The concentration is calculated by adding the detectable concentrations of GRO, DRO, and ORO and rounding to the nearest mg/kg.



# FIGURES





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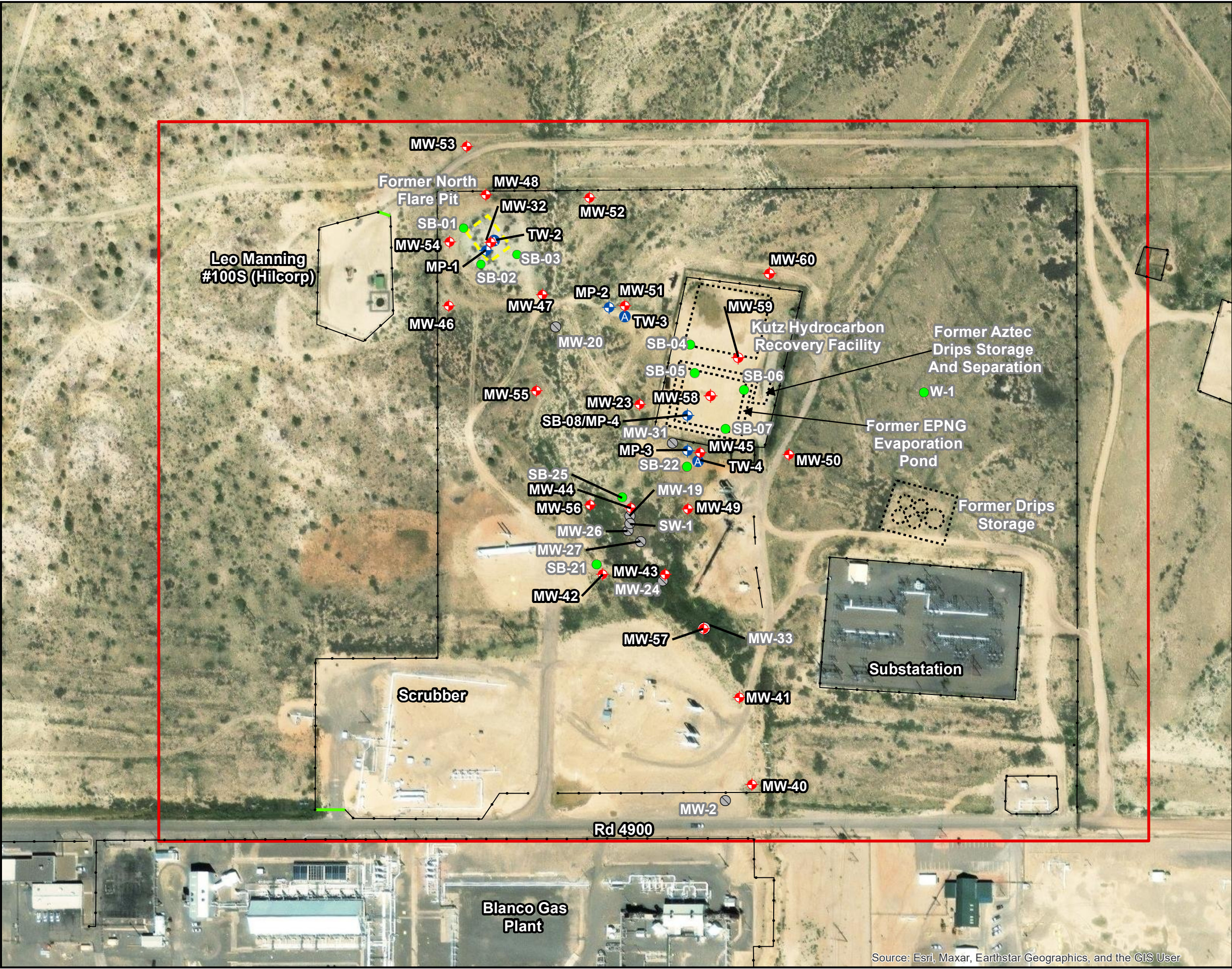
National Geographic, Esri, Garmin, HERE, UNEP-WCMC, USGS, NASA,

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

|         |                                                          |                                                                                       |
|---------|----------------------------------------------------------|---------------------------------------------------------------------------------------|
| TITLE   | <b>SITE LOCATION</b>                                     |  |
| PROJECT | <b>BLANCO NORTH FLARE PIT<br/>BLOOMFIELD, NEW MEXICO</b> |                                                                                       |
| FIGURE  | <b>1</b>                                                 |                                                                                       |

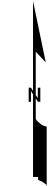


\\cd1001-c200\CTX-CIFSS\VDI\Redirect\shansen\Desktop\GIS-NEW\MXDs\BLANCO NORTH FLARE PIT\2023\Figure\_2\_BNFP\_Site\_Map\_2023.mxd



LEGEND

- MONITORING WELL
- TEST WELL
- MONITORING POINT
- ABANDONED/DESTROYED MONITORING WELL
- SOIL BORING
- FENCE
- GATE
- FORMER SITE FEATURES
- FORMER FLARE PIT
- STUDY AREA



SCALE IN FEET

0 100 200

| REVISION | DATE       | DESIGN BY | DRAWN BY | REVIEWED BY |
|----------|------------|-----------|----------|-------------|
|          | 2023-10-24 | SAH       | SAH      | SRV         |

TITLE:

**SITE PLAN**

PROJECT:

**BLANCO PLANT - NORTH FLARE PIT  
BLOOMFIELD, NEW MEXICO**



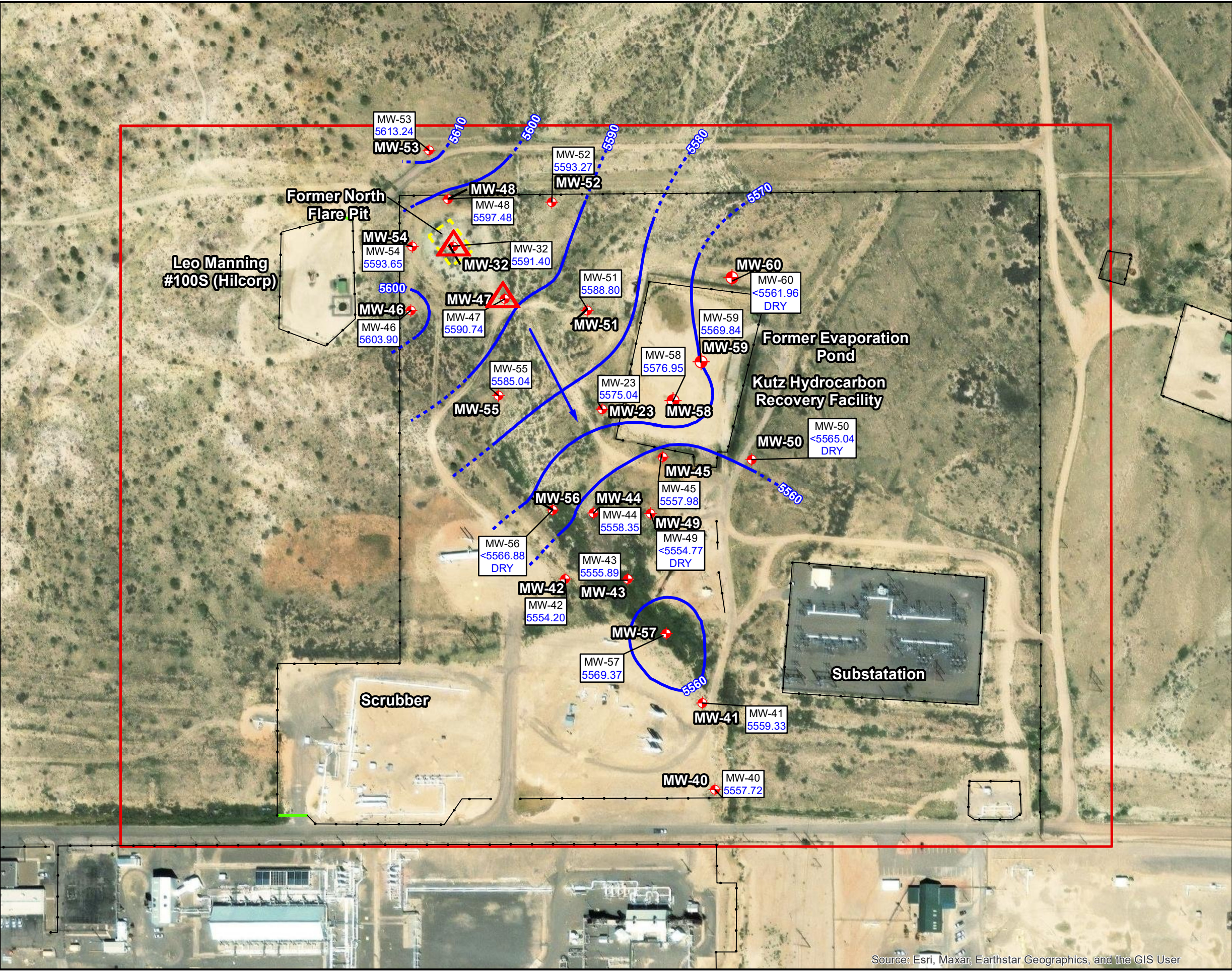
Figure No.:

**2**

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



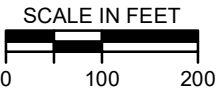
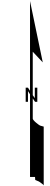
\\cd1001-c200\CTX-CIFSS\VDI\Redirect\shansen\Desktop\GIS-NEW\MXDs\BLANCO NORTH FLARE PIT\2023\Figure\_3\_Blanco\_GECM\_1SA.mxd



LEGEND

- MONITORING WELL
- MONITORING WELL WITH MEASURABLE LNAPL
- ABANDONED/DESTROYED MONITORING WELL
- FENCE
- GATE
- FORMER FLARE PIT
- STUDY AREA
- GROUNDWATER ELEVATION CORRECTED FOR LNAPL THICKNESS WHERE PRESENT (FEET ABOVE MEAN SEA LEVEL)
- CORRECTED WATER LEVEL ELEVATION CONTOUR DASHED WHERE INFERRED (FEET ABOVE MEAN SEA LEVEL).
- DIRECTION OF APPARENT GROUNDWATER FLOW

NOTE:  
LNAPL = LIGHT NON-AQUEOUS PHASE LIQUID  
DRY = NO MEASURABLE WATER DETECTED;  
ELEVATION OF BOTTOM OF GAUGED WELL PROVIDED



| REVISION | DATE       | DESIGN BY | DRAWN BY | REVIEWED BY |
|----------|------------|-----------|----------|-------------|
|          | 2024-03-27 | SAH       | SAH      | SRV         |

TITLE:  
**GROUNDWATER ELEVATION MAP  
MAY 18, 2023**

PROJECT:  
**BLANCO PLANT - NORTH FLARE PIT  
BLOOMFIELD, NEW MEXICO**

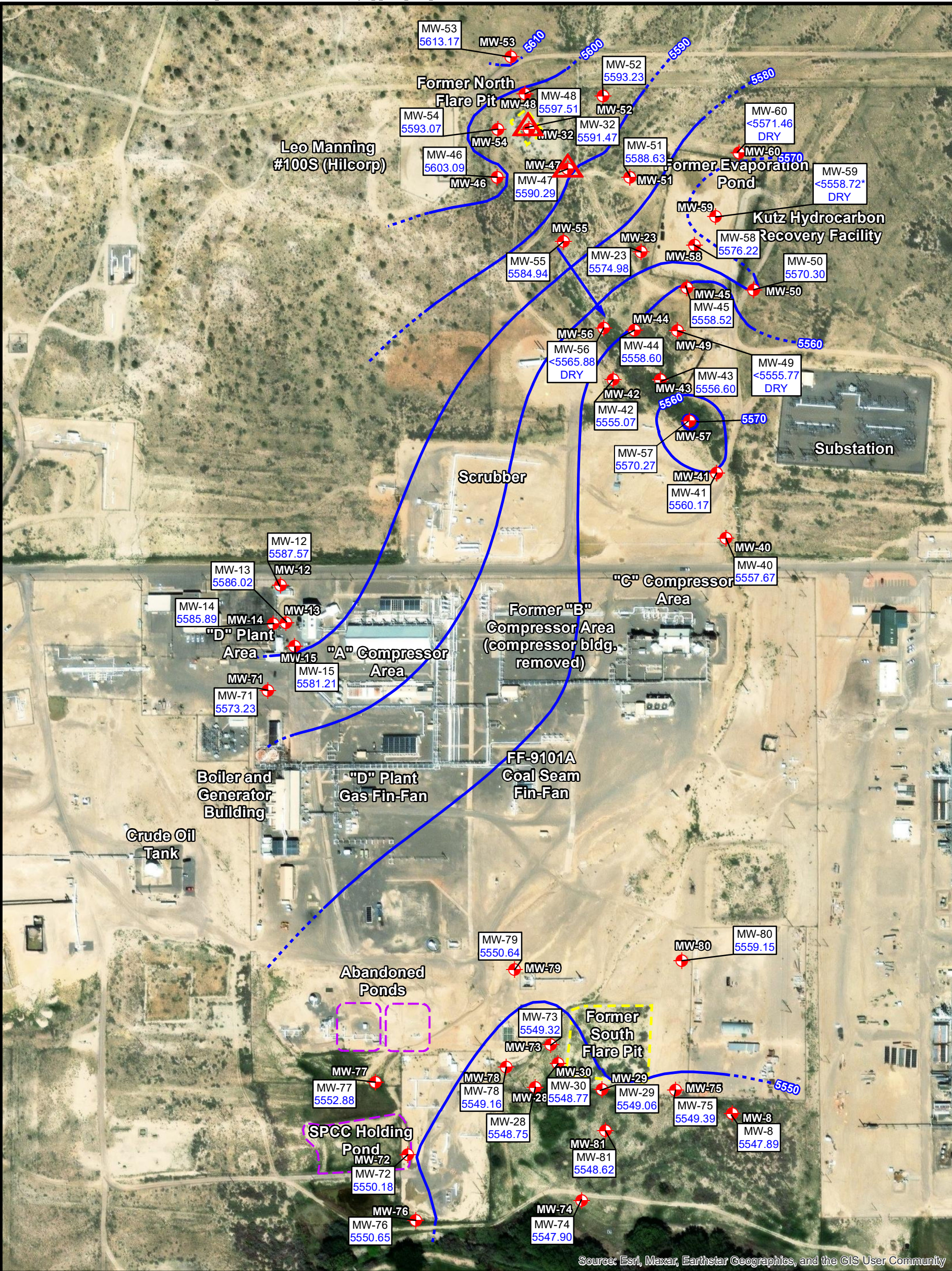


Figure No.:  
**3**

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



\\cd1001-c2001CTX-CIFSS\VDI\Redirect\shansen\Desktop\GIS-NEW\_MXD\BLANCO NORTH FLARE PIT\2023\Figure\_4\_Blanco\_GECM\_2SA.mxd



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

LEGEND

- MONITORING WELL
- MONITORING WELL WITH MEASUREABLE LNAPL
- SITE FEATURE
- FLARE PIT
- 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).
- DIRECTION OF APPARENT GROUNDWATER FLOW
- NOT USED FOR CONTOURING

NOTE:

LNAPL = LIGHT NON-AQUEOUS PHASE LIQUID  
DRY = NO MEASURABLE WATER DETECTED;  
ELEVATION OF BOTTOM OF GAUGED WELL PROVIDED

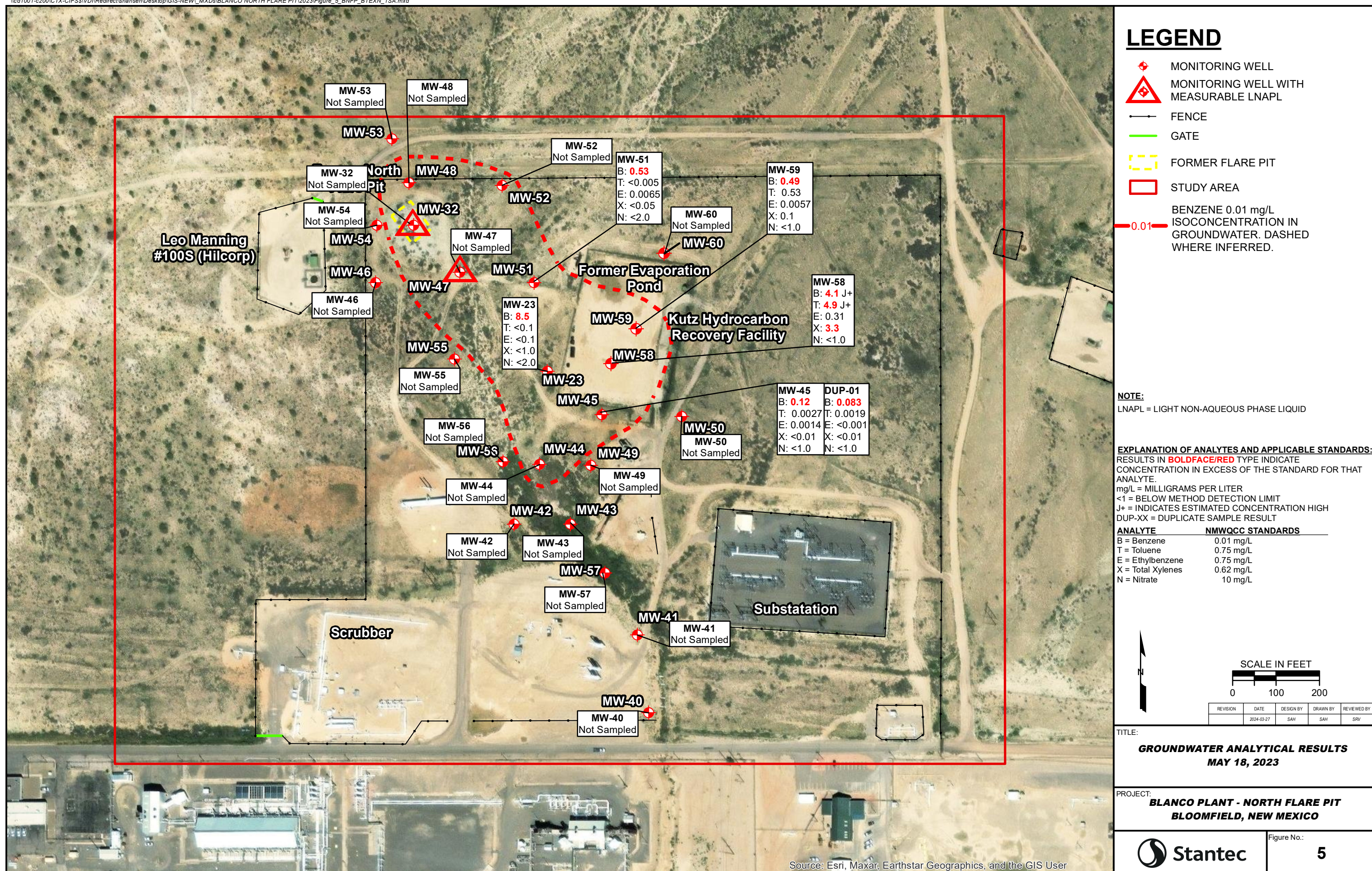


| REVISION | DATE       | DESIGN BY | DRAWN BY | REVIEWED BY |
|----------|------------|-----------|----------|-------------|
|          | 2024-03-27 | SAH       | SAH      | SRV         |

|                                                                  |                         |
|------------------------------------------------------------------|-------------------------|
| TITLE:<br><b>GROUNDWATER ELEVATION MAP<br/>NOVEMBER 10, 2023</b> |                         |
| PROJECT:<br><b>BLANCO PLANT<br/>BLOOMFIELD, NEW MEXICO</b>       |                         |
|                                                                  | Figure No.:<br><b>4</b> |

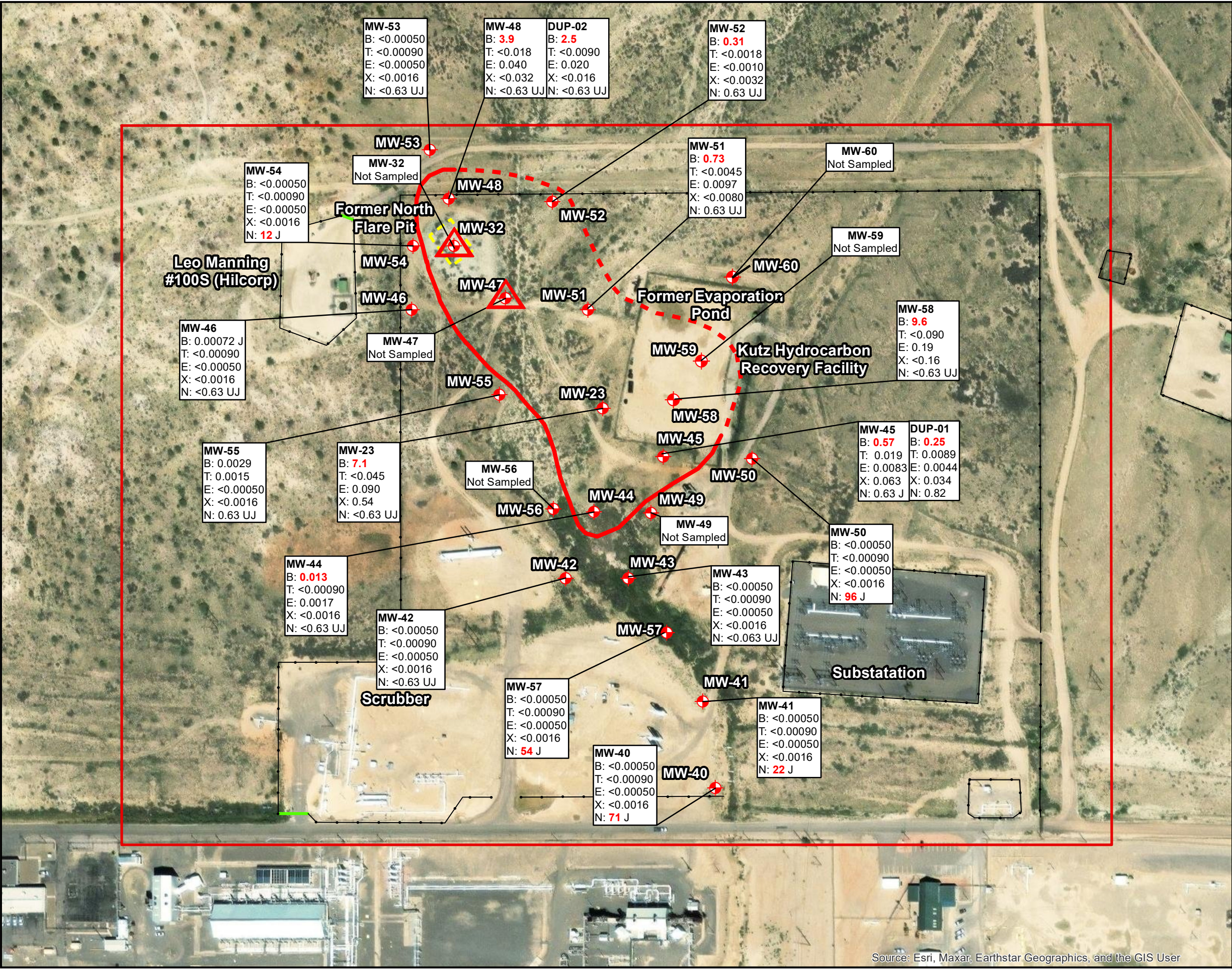


\\cd1001-c200\CTX-CIFSS\VDI\Redirect\shansen\Desktop\GIS-NEW\MXDs\BLANCO NORTH FLARE PIT\2023\Figure 5 BNFP BTEXN 1SA.mxd





\\cd1001-c200\CTX-CIFSS\WD\Redirect\shansen\Desktop\GIS-NEW\MXDs\BLANCO NORTH FLARE PIT\2023\Figure\_6\_BNFP\_BTENX\_2SA.mxd



## LEGEND

- MONITORING WELL
- MONITORING WELL WITH MEASURABLE LNAPL
- FENCE
- GATE
- FORMER FLARE PIT
- STUDY AREA
- BENZENE 0.01 mg/L ISOCONCENTRATION IN GROUNDWATER. DASHED WHERE INFERRED.

**NOTE:**  
LNAPL = LIGHT NON-AQUEOUS PHASE LIQUID

**EXPLANATION OF ANALYTES AND APPLICABLE STANDARDS:**  
RESULTS IN **BOLD/RED** TYPE INDICATE CONCENTRATION IN EXCESS OF THE STANDARD FOR THAT ANALYTE.  
mg/L = MILLIGRAMS PER LITER  
<1 = BELOW METHOD DETECTION LIMIT  
J = RESULT IS LESS THAN THE RL BUT GREATER THAN OR EQUAL TO THE MDL AND THE CONCENTRATION IS AN APPROXIMATE VALUE.  
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  
DUP-XX = DUPLICATE SAMPLE RESULT

| ANALYTE           | NMWQCC STANDARDS |
|-------------------|------------------|
| B = Benzene       | 0.01 mg/L        |
| T = Toluene       | 0.75 mg/L        |
| E = Ethylbenzene  | 0.75 mg/L        |
| X = Total Xylenes | 0.62 mg/L        |
| N = Nitrate       | 10 mg/L          |

SCALE IN FEET

0 100 200

REVISION

DATE

DESIGN BY

DRAWN BY

REVIEWED BY

2024-03-27

SAH

SAH

SRV

TITLE:

GROUNDWATER ANALYTICAL RESULTS  
NOVEMBER 13, 2023

PROJECT:

BLANCO PLANT - NORTH FLARE PIT  
BLOOMFIELD, NEW MEXICO

Figure No.:

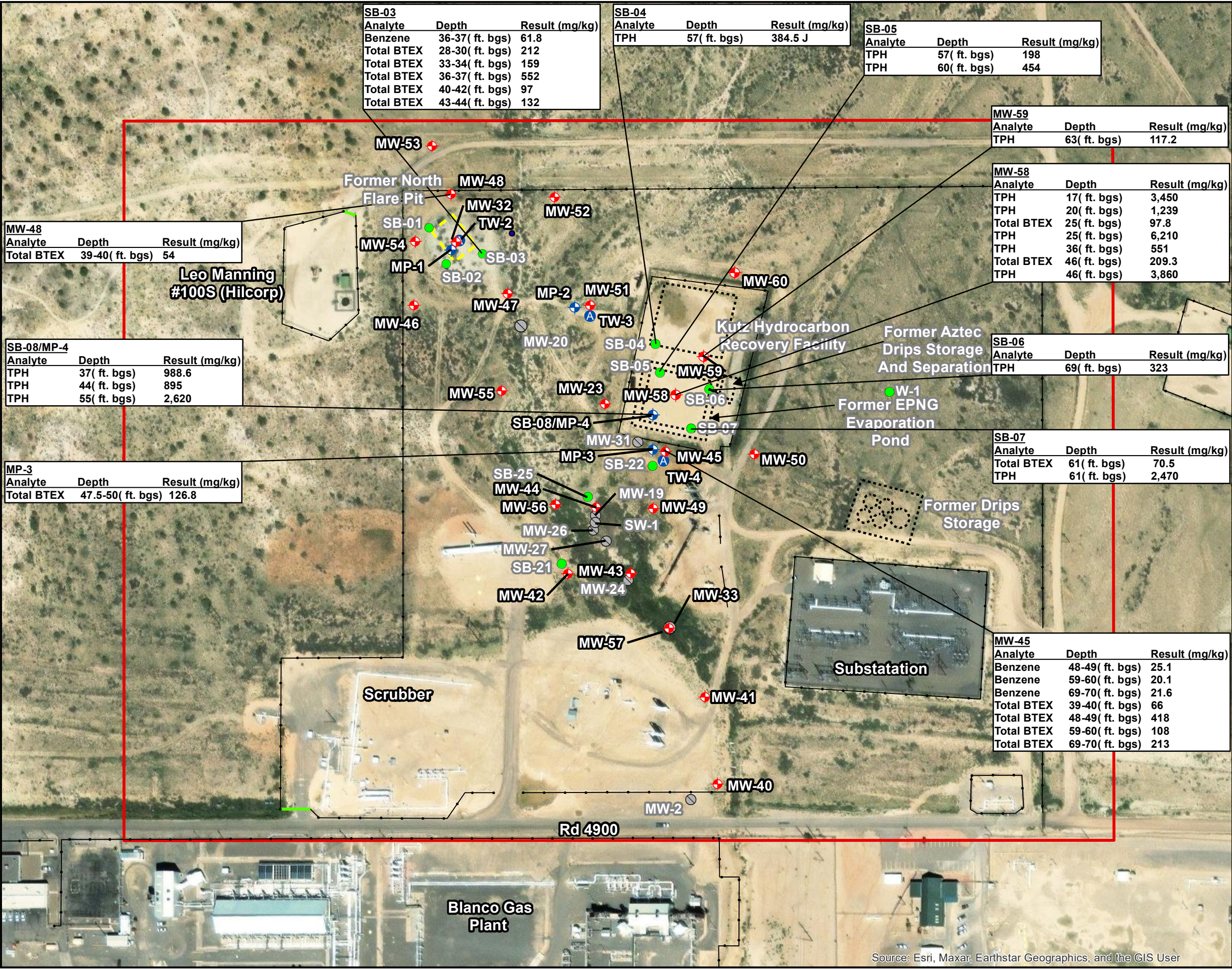
6

Stantec

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



\\cd1001-c200\CTX-CIFSS\VD\Redirection\hansen\Desktop\GIS-NEW\MXDs\BLANCO NORTH FLARE PIT\2023\Figure\_7\_BNFP\_SARM\_2023.mxd

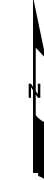


LEGEND

- MONITORING WELL
- TEST WELL
- MONITORING POINT
- ABANDONED/DESTROYED MONITORING WELL
- SOIL BORING
- FENCE
- GATE
- FORMER SITE FEATURES
- FORMER FLARE PIT
- STUDY AREA

NOTES:  
BTEX = benzene, toluene, ethylbenzene, and total xylenes  
ft bgs = feet below ground surface  
mg/kg = milligram(s) per kilogram  
J = Indicates estimated concentration indeterminate bias

| ANALYTE                                              |  | NMOC D STANDARDS |
|------------------------------------------------------|--|------------------|
| B = Benzene                                          |  | 10 mg/kg         |
| BTEX = Benzene, toluene, ethylbenzene, total xylenes |  | 50 mg/kg         |
| TPH = Total Petroleum Hydrocarbons                   |  | 100 mg/kg        |
| Cl = Chloride                                        |  | 600 mg/kg        |



| REVISION | DATE       | DESIGN BY | DRAWN BY | REVIEWED BY |
|----------|------------|-----------|----------|-------------|
|          | 2024-03-27 | SAH       | SAH      | SRV         |

TITLE:  
**SOIL ANALYTICAL RESULTS  
EXCEEDANCES**

PROJECT:  
**BLANCO PLANT - NORTH FLARE PIT  
BLOOMFIELD, NEW MEXICO**



Figure No.:  
**7**

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



# APPENDICES



# APPENDIX A

NMOCD Site Activity Notifications

**From:** [Varsa, Steve](#)  
**To:** [nelson.valez@state.nm.us](mailto:nelson.valez@state.nm.us)  
**Cc:** [Bratcher, Mike, EMNRD](#); [Wiley, Joe](#)  
**Subject:** Blanco Gas Plant - North Flare Pit (NAUTOFCS000155)- notice of upcoming activities  
**Date:** Wednesday, March 22, 2023 9:45:38 PM

---

Hi Nelson – on behalf of El Paso CGP Company, Stantec is planning to complete quarterly free product recovery activities at the subject site on March 30, 2023.

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

Thank you,  
Steve

**Stephen Varsa, P.G.**  
Senior 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](mailto:steve.varsa@stantec.com)

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**From:** [Varsa, Steve](#)  
**To:** [nelson.valez@state.nm.us](mailto:nelson.valez@state.nm.us)  
**Cc:** [Bratcher, Mike, EMNRD](#); [Wiley, Joe](#)  
**Subject:** Blanco North Flare Pit (Incident Number NAUTOFCS000155) - Notice of upcoming sampling activities  
**Date:** Sunday, April 23, 2023 8:52:26 AM

---

Hi Nelson, on behalf of El Paso CGP Company (EPCGP), Stantec is conducting site assessment activities at the subject site beginning on May 2, 2023, and expected to go through May 9, 2023. A work plan for these activities has been submitted in the e-permitting portal.

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

Thank you,  
Steve

**Stephen Varsa, P.G.**  
Senior Hydrogeologist  
Stantec Environmental Services  
**Note – we have moved!**  
11311 Aurora Avenue  
Des Moines, Iowa 50322  
Direct: (515) 251-1020  
Cell: (515) 710-7523  
Office: (515) 253-0830  
[steve.varsa@stantec.com](mailto:steve.varsa@stantec.com)

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**From:** [Varsa, Steve](#)  
**To:** [nelson.valez@state.nm.us](mailto:nelson.valez@state.nm.us)  
**Cc:** [Bratcher, Mike, EMNRD](#); [Wiley, Joe](#)  
**Subject:** Blanco North Flare Pit (Incident Number NAUTOFCS000155) - Notice of upcoming sampling activities  
**Date:** Friday, May 12, 2023 9:56:35 PM

---

Hi Nelson –

On behalf of El Paso CGP Company (EPCGP), this correspondence is to provide notice to the NMOCD of upcoming groundwater sampling and product recovery activities at the above-referenced project site. These activities are to occur on May 18, 2023.

Please contact Mr. Joseph Wiley, Project Manager with EPCGP, at (713) 420-3475, or me, if you have questions.

Thank you,  
Steve

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

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**From:** [Varsa, Steve](#)  
**To:** [nelson.valez@state.nm.us](mailto:nelson.valez@state.nm.us)  
**Cc:** [Bratcher, Mike, EMNRD](#); [Wiley, Joe](#)  
**Subject:** Blanco Gas Plant - North Flare Pit (NAUTOFCS000155)- notice of upcoming activities  
**Date:** Wednesday, August 16, 2023 4:26:55 PM

---

Hi Nelson – on behalf of El Paso CGP Company, Stantec is planning to complete quarterly free product recovery activities at the subject site on August 31, 2023.

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

Thank you,  
Steve

**Stephen Varsa, P.G.**  
Senior 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](mailto:steve.varsa@stantec.com)

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**From:** [Varsa, Steve](#)  
**To:** [nelson.valez@state.nm.us](mailto:nelson.valez@state.nm.us)  
**Cc:** [Bratcher, Mike, EMNRD](#); [Wiley, Joe](#)  
**Subject:** Blanco North Flare Pit (Incident Number NAUTOFCS000155) - Notice of upcoming sampling activities  
**Date:** Thursday, November 2, 2023 6:19:58 AM

---

Hi Nelson –

On behalf of El Paso CGP Company (EPCGP), this correspondence is to provide notice to the NMOCD of upcoming groundwater sampling and product recovery activities at the above-referenced project site. These activities are to occur on November 10 and 13, 2023.

Please contact Mr. Joseph Wiley, Project Manager with EPCGP, at (713) 420-3475, or me, if you have questions.

Thank you,  
Steve

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

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# APPENDIX B

Disposal Documentation



**envirotech**

## Bill of Lading

MANIFEST # 78477

GENERATOR Kinder Morgan

POINT OF ORIGIN Blanco N flare pit

TRANSPORTER, Envirotech

DATE 03/31/23 JOB # 14073-0073

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

[illegible]

Generator Onsite Contact \_\_\_\_\_ Phone \_\_\_\_\_

*Signatures required prior to distribution of the legal document.*

DISTRIBUTION:

**White - Company Records / Billing**

**Yellow - Customer**

Pink - LF Copy

BOL# 78477

## CHLORIDE TESTING / PAINT FILTER TESTING

DATE 03/31/23 TIME 1130

Attach test strip here

CUSTOMER Kinder morganSITE Blanco N. Flare pitDRIVER by Gary RobinsonSAMPLE Soil ☐ Straight ☐ With Dirt ☒CHLORIDE TEST -281 mg/KgACCEPTED YES ☒ NO ☐PAINT FILTER TEST Time started 1130 Time completed 1142PASS YES ☒ NO ☐SAMPLER/ANALYST Gray Robinson





## Bill of Lading

GENERATOR EL PASO

POINT OF ORIGIN Blanco Gorge, 10,000 ft North

TRANSPORTER Riley

DATE 05/02/24 JOB # 14073-6075

[illegible]

## RESULTS

LANDFARM  
EMPLOYEE

281

### CHLORIDE TEST

1

### CHLORIDE TEST

☐ Soil w/ Debris ☐ After Hours/Weekend Reveal ☐ Scrape Out ☐ Wash Out

### CHLORIDE TEST

Pass

## PAINT FILTER TEST

1

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

NOTES

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

*Signatures required prior to distribution of the legal document.*

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

BOL# 78968

## CHLORIDE TESTING / PAINT FILTER TESTING

DATE 05/02/23 TIME 1525 Attach test strip hereCUSTOMER ELPOSOSITE Blanca Gas Plant. North.DRIVER Progn JmgSAMPLE Soil Straight \_\_\_\_\_ With Dirt XCHLORIDE TEST -281 mg/KgACCEPTED YES X NO \_\_\_\_\_PAINT FILTER TEST Time started 1525 Time completed 1537PASS YES X NO \_\_\_\_\_SAMPLER/ANALYST Cary Robinson

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



# envirotech

# Bill of Lading

MANIFEST # 79427 Blanco North  
GENERATOR Kinder Morgan  
POINT OF ORIGIN Bio Vista Camp Station <sup>picked up from</sup>  
TRANSPORTER Envirotech \*  
DATE 5/22/2003 JOB # 14073-0073

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

[illegible]

Generator Onsite Contact Sean Cleary

Phone (515) 557-0109

***Signatures required prior to distribution of the legal document.***

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



BOL# 79427

## CHLORIDE TESTING / PAINT FILTER TESTING

DATE 5/22/2023 TIME 1550 Attach test strip hereCUSTOMER Kinder MorganSITE Bio Vista Comp Station *3/1 River Plant  
Blanco N Plant  
Numerous sites*DRIVER *[Signature]*

SAMPLE

Soil Straight            With Dirt ✓

CHLORIDE TEST

-281 mg/Kg

ACCEPTED

YES ✓NO           

PAINT FILTER TEST

Time started 1550Time completed 1600

PASS

YES ✓NO           SAMPLER/ANALYST *[Signature]*

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

# Bill of Lading

MANIFEST # 81121

GENERATOR Kinder Morgan

POINT OF ORIGIN Blanco North Flare Pit

TRANSPORTER Envirotech

DATE 09/01/23 JOB # 14073-0073

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

~~22097~~BOL# 81121

## CHLORIDE TESTING / PAINT FILTER TESTING

DATE 09/01/23 TIME 1025

Attach test strip here

CUSTOMER Kinder MorganSITE Blanco North Flare pitDRIVER *[Signature]*SAMPLE Soil Straight ☐ With Dirt ☒CHLORIDE TEST 272 mg/KgACCEPTED YES ☒ NO ☐PAINT FILTER TEST Time started 1025 Time completed 1035PASS YES ☒ NO ☐SAMPLER/ANALYST *Cory Robinson*

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





**envirotech**

## Bill of Lading

MANIFEST # 82576

GENERATOR EL PASO

POINT OF ORIGIN Blanco Gas Plant North Flare

TRANSPORTER Envirotech

DATE 11/16/23 JOB # 14073-0087

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# 82576

## CHLORIDE TESTING / PAINT FILTER TESTING

DATE

11/16/23

TIME

1430

Attach test strip here

CUSTOMER

EL PASO

SITE

Blanco Gas Plant North Flare Pit

DRIVER

Steven J Mc Neal by GMR

SAMPLE

Soil

Straight

With Dirt

X

CHLORIDE TEST

-272 mg/Kg

ACCEPTED

YES

X

NO

PAINT FILTER TEST

Time started

1430

Time completed

1441

PASS

YES

X

NO

SAMPLER/ANALYST



# Bill of Lading

DATE 5-11-2023 JOB # 14073-6075

[illegible]

|             |                   |          |                                                                                                                                                                                                                                                                                                                                                                                                   |                                                        |                           |
|-------------|-------------------|----------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------|---------------------------|
| RESULTS     |                   |          | LANDFARM<br>EMPLOYEE                                                                                                                                                                                                                                                                                                                                                                              | <i>Kenneth Sun</i> <span style="color: red;">OK</span> | NOTES                     |
| <i>-281</i> | CHLORIDE TEST     | <i>1</i> |                                                                                                                                                                                                                                                                                                                                                                                                   |                                                        | <i>Poly in load with</i>  |
|             | CHLORIDE TEST     |          | <input checked="" type="checkbox"/> Soil w/ Debris <input type="checkbox"/> After Hours/Weekend Reveal <input type="checkbox"/> Scrape Out <input type="checkbox"/> Wash Out                                                                                                                                                                                                                      |                                                        | <i>metal and concrete</i> |
|             | CHLORIDE TEST     |          | By signing as the driver/transporter, I certify the material hauled from the above location has not been added to or tampered with. I certify the material is from the above mentioned Generator/Point of Origin and that no additional material has been added or mixed into the load. Landfarm employee signature is certification of the above material being received and placed accordingly. |                                                        |                           |
| <i>Pair</i> | PAINT FILTER TEST | <i>1</i> |                                                                                                                                                                                                                                                                                                                                                                                                   |                                                        |                           |

Generator Onsite Contact \_\_\_\_\_ Phone \_\_\_\_\_

*Signatures required prior to distribution of the legal document.*

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



BOL# 79189

## CHLORIDE TESTING / PAINT FILTER TESTING

DATE 5-11-23TIME 1100

Attach test strip here

CUSTOMER Kinder MorganSITE No Flair PITDRIVER [Signature]

SAMPLE Soil Straight \_\_\_\_\_ With Dirt \_\_\_\_\_

CHLORIDE TEST -281 mg/KgACCEPTED YES X NO \_\_\_\_\_

PAINT FILTER TEST Time started \_\_\_\_\_ Time completed \_\_\_\_\_

PASS YES X NO \_\_\_\_\_SAMPLER/ANALYST [Signature]

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

# APPENDIX C

NMOSE Well Permitting Documentation



STATE OF NEW MEXICO  
OFFICE OF THE STATE ENGINEER  
AZTEC

Mike A. Hamman, P.E.  
State Engineer

100 Gossett Drive, Suite A  
Aztec, New Mexico 87410

April 13, 2023

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

**RE: Permit Approval to Drill Wells with No Water Right, SJ-4254 POD28-POD31, El Paso CGP Company, LLC, Blanco Gas Plant**

Dear Mr. Wiley:

On March 9, 2023, the New Mexico Office of the State Engineer received an application for a permit for the drilling and use of seven proposed groundwater monitoring wells for site investigation activities at the above referenced location. Enclosed is a copy of the above numbered permit that has been approved subject to the conditions set forth on the approval pages and in the attached Conditions of Approval. Also enclosed is a receipt for the fees paid.

Additionally, a standardized plugging method has also been included in the Conditions of Approval for the future abandonment of the monitoring wells covered by this permit. This eliminates the need to submit a separate Well Plugging Plan of Operations for approval by the NMOSE prior to plugging, unless an alternate plugging method is proposed, required by a separate oversight agency, necessary due to incompatibility with actual conditions, or artesian conditions are encountered. Well completion and plugging records should be sent to the NMOSE District V, 100 Gossett Drive, Suite A, Aztec, NM, 87410.

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

Sincerely,

Miles Juett  
Watermaster  
Water Rights Division – District V Office

Enclosures

cc: Aztec Reading (w/o enclosures)  
SJ-4254 File  
WATERS





NEW MEXICO OFFICE OF THE STATE ENGINEER



WR-07 APPLICATION FOR PERMIT TO DRILL

A WELL WITH NO WATER RIGHT

(check applicable box):

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

|                                                       |                                                                    |                                                  |
|-------------------------------------------------------|--------------------------------------------------------------------|--------------------------------------------------|
| Purpose:                                              | <input type="checkbox"/> Pollution Control And/Or Recovery         | <input type="checkbox"/> Ground Source Heat Pump |
| <input type="checkbox"/> Exploratory Well*(Pump test) | <input type="checkbox"/> Construction Site/Public Works Dewatering | <input type="checkbox"/> Other(Describe):        |
| <input checked="" type="checkbox"/> Monitoring Well   | <input type="checkbox"/> Mine Dewatering                           |                                                  |

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

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

|                                                                                           |                             |
|-------------------------------------------------------------------------------------------|-----------------------------|
| <input checked="" type="checkbox"/> Temporary Request - Requested Start Date: May 1, 2023 | Requested End Date: Unknown |
|-------------------------------------------------------------------------------------------|-----------------------------|

Plugging Plan of Operations Submitted? ☒ Yes ☐ No

1. APPLICANT(S)

|                                                                                                    |                                                                                     |
|----------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| Name:<br>El Paso CGP Company, L.L.C.                                                               | Name:                                                                               |
| Contact or Agent: check here if Agent <input type="checkbox"/><br>Joseph Wiley                     | Contact or Agent: check here if Agent <input type="checkbox"/>                      |
| Mailing Address:<br>1001 Louisiana Street, Room 1445B                                              | Mailing Address:                                                                    |
| City:<br>Houston                                                                                   | City:                                                                               |
| State: Zip Code:<br>Texas 77002                                                                    | State: Zip Code:                                                                    |
| Phone: (713) 420-3475 <input type="checkbox"/> Home <input type="checkbox"/> Cell<br>Phone (Work): | Phone: <input type="checkbox"/> Home <input type="checkbox"/> Cell<br>Phone (Work): |
| E-mail (optional):<br>joe_wiley@kindermorgan.com                                                   | E-mail (optional):                                                                  |

STATE ENGINEER OFFICE  
AZTEC, NEW MEXICO  
2023 MAR -9 PM 1:42

|                               |           |                                                  |  |
|-------------------------------|-----------|--------------------------------------------------|--|
| FOR OSE INTERNAL USE          |           | Application for Permit, Form WR-07, Rev 07/12/22 |  |
| File No.: SJ-4254 POD28-31    | Trn. No.: | Receipt No.: 5-7216                              |  |
| Trans Description (optional): |           |                                                  |  |
| Sub-Basin:                    |           | PCW/LOG Due Date: 4-13-2024                      |  |

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

Location Required: Coordinate location must be reported in NM State Plane (NAD 83), UTM (NAD 83), or Latitude/Longitude (Lat/Long - WGS84).  
District II (Roswell) and District VII (Cimarron) customers, provide a PLSS location in addition to above.

☒ NM State Plane (NAD83) (Feet)  
☒ NM West Zone  
☐ NM East Zone  
☐ NM Central Zone

☐ UTM (NAD83) (Meters)  
☐ Zone 12N  
☐ Zone 13N

☒ Lat/Long (WGS84) (to the nearest 1/10<sup>th</sup> of second)

| Well Number (if known):        | X or Easting or Longitude: | Y or Northing or Latitude: | Provide if known:<br>-Public Land Survey System (PLSS) (Quarters or Halves , Section, Township, Range) OR<br>- Hydrographic Survey Map & Tract; OR<br>- Lot, Block & Subdivision; OR<br>- Land Grant Name |
|--------------------------------|----------------------------|----------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| SJ-4254 POD28)<br>MW-58        | -107.958970                | 36.735409                  | SW/4, SE/4, Sec 11, T29N, R11W, San Juan County, NM                                                                                                                                                       |
| (POD29)<br>MW-59               | -107.958846                | 36.735606                  | SW/4, SE/4, Sec 11, T29N, R11W, San Juan County, NM                                                                                                                                                       |
| (POD30)<br>MW-60               | -107.958618                | 36.736103                  | SW/4, SE/4, Sec 11, T29N, R11W, San Juan County, NM                                                                                                                                                       |
| (POD31)<br>SB-04 through SB-08 | -107.959192                | 36.735640                  | SW/4, SE/4, Sec 11, T29N, R11W, San Juan County, NM                                                                                                                                                       |
|                                |                            |                            |                                                                                                                                                                                                           |

**NOTE: If more well locations need to be described, complete form WR-08 (Attachment 1 – POD Descriptions)**  
Additional well descriptions are attached: ☒ Yes ☐ No If yes, how many 3 SB's

Other description relating well to common landmarks, streets, or other:  
SJ-4254 (Blanco Gas Plant). The site is located north of 81 County Road 4900, San Juan County, New Mexico.

Well is on land owned by: United States Bureau of Land Management (BLM)

Well Information: **NOTE: If more than one (1) well needs to be described, provide attachment.** Attached? ☐ Yes ☒ No  
If yes, how many 0

Approximate depth of well (feet):MW-58/59 = 70'; MW-60 = 60'

Outside diameter of well casing (inches): 4

Driller Name: Casade Drilling

Driller License Number: WD-1210

3. ADDITIONAL STATEMENTS OR EXPLANATIONS

The purpose of this application is to install three monitoring wells (MW-58 through MW-60) and five soil borings (SB-04 through SB-08) to assess a potential source area for hydrocarbons. Monitoring wells MW-58 and MW-59 are to be installed to a depth of 60 feet below ground surface (bgs); monitoring well MW-60 is to be installed to a depth of 60 feet bgs. Soil borings SB-04 through SB-08 are to be advanced to a depth of approximately 70 feet bgs. The monitoring wells are being installed to monitor groundwater conditions. Soil borings not converted to monitoring wells will be plugged and abandoned following advancement in accordance with the Plugging Plan of Operations approved on August 28, 2017. The monitoring wells will be plugged and abandoned according to State of New Mexico regulations once they are no longer needed and/or a no further action determination has been granted by the New Mexico Oil Conservation Division.

2023 MAR -9 PM 1:43

STATE ENGINEER OFFICE  
AZTEC, NEW MEXICO

FOR OSE INTERNAL USE      Application for Permit, Form WR-07 Version 07/12/22

File No.: SJ-4254 POD28-31      Trm No.:

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

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

ACKNOWLEDGEMENT

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

Print Name(s)

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

Joseph Wiley

Applicant Signature

Applicant Signature

ACTION OF THE STATE ENGINEER

This application is:

☒ approved ☐ partially approved ☐ denied

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

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

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

By: Miles Juett

Signature

Miles Juett

Print

Title: Watermaster  
Print

FOR OSE INTERNAL USE

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

File No.: SJ-4254 POD28-31

Trn No.:



**OFFICE OF THE STATE ENGINEER/INTERSTATE STREAM COMMISSION – AZTEC OFFICE**

OFFICIAL RECEIPT NUMBER: 5 - **7216** DATE: **3-15-2023** FILE NO.: **ST-4254**  
 TOTAL: **20.00** RECEIVED: \_\_\_\_\_ DOLLARS ☐ CASH: ☒ CHECK NO.: **1204**  
 PAYOR: **Stephen Varga** ADDRESS: **63179 270<sup>th</sup> St**  
 CITY: **Nevada** STATE: **IA** ZIP: **50201** RECEIVED BY: **MJ**

INSTRUCTIONS: Indicate the number of actions to the left of the appropriate type of filing. Complete the receipt information. **Original** to payor; **pink** copy to Program Support/ASD; **yellow** copy remains in district office; and **goldenrod** copy to accompany application being filed. If a mistake is made, void the original and all copies and submit to Program Support/ASD as part of the daily deposit.

**A. Ground Water Filing Fees**

- |                                         |                                                                                                             |           |
|-----------------------------------------|-------------------------------------------------------------------------------------------------------------|-----------|
| <input type="checkbox"/> 1.             | Change of Ownership of Water Right                                                                          | \$ 2.00   |
| <input type="checkbox"/> 2.             | Application to Appropriate or Supplement Domestic 72-12-1 Well                                              | \$ 125.00 |
| <input type="checkbox"/> 3.             | Application to Repair or Deepen 72-12-1 Well                                                                | \$ 75.00  |
| <input type="checkbox"/> 4.             | Application for Replacement 72-12-1 Well                                                                    | \$ 75.00  |
| <input type="checkbox"/> 5.             | Application to Change Purpose of Use 72-12-1 Well                                                           | \$ 75.00  |
| <input type="checkbox"/> 6.             | Application for Stock Well/Temp. Use                                                                        | \$ 5.00   |
| <hr/>                                   |                                                                                                             |           |
| <input type="checkbox"/> 7.             | Application to Appropriate Irrigation, Municipal, or Commercial Use                                         | \$ 25.00  |
| <input type="checkbox"/> 8.             | Declaration of Water Right                                                                                  | \$ 1.00   |
| <input type="checkbox"/> 9.             | Application for Supplemental Non 72-12-1 Well                                                               | \$ 25.00  |
| <input type="checkbox"/> 10.            | Application to Change Place or Purpose of Use Non 72-12-1 Well                                              | \$ 25.00  |
| <input type="checkbox"/> 11.            | Application to Change Point of Diversion and Place and/or Purpose of Use from Surface Water to Ground Water | \$ 50.00  |
| <input type="checkbox"/> 12.            | Application to Change Point of Diversion and Place and/or Purpose of Use from Ground Water to Ground Water  | \$ 50.00  |
| <input type="checkbox"/> 13.            | Application to Change Point of Diversion of Non 72-12-1 Well                                                | \$ 25.00  |
| <input type="checkbox"/> 14.            | Application to Repair or Deepen Non 72-12-1 Well                                                            | \$ 5.00   |
| <hr/>                                   |                                                                                                             |           |
| <input checked="" type="checkbox"/> 15. | Application for Test, Expl. Observ. Well                                                                    | \$ 5.00   |
| <input type="checkbox"/> 16.            | Application for Extension of Time                                                                           | \$ 25.00  |
| <input type="checkbox"/> 17.            | Proof of Application to Beneficial Use                                                                      | \$ 25.00  |
| <input type="checkbox"/> 18.            | Notice of Intent to Appropriate                                                                             | \$ 25.00  |

**B. Surface Water Filing Fees**

- |                              |                                                                                                              |           |
|------------------------------|--------------------------------------------------------------------------------------------------------------|-----------|
| <input type="checkbox"/> 1.  | Change of Ownership of a Water Right                                                                         | \$ 5.00   |
| <input type="checkbox"/> 2.  | Declaration of Water Right                                                                                   | \$ 10.00  |
| <input type="checkbox"/> 3.  | Amended Declaration                                                                                          | \$ 25.00  |
| <input type="checkbox"/> 4.  | Application to Change Point of Diversion and Place and/or Purpose of Use from Surface Water to Surface Water | \$ 200.00 |
| <input type="checkbox"/> 5.  | Application to Change Point of Diversion and Place and/or Purpose of Use from Ground Water to Surface Water  | \$ 200.00 |
| <input type="checkbox"/> 6.  | Application to Change Point of Diversion                                                                     | \$ 100.00 |
| <input type="checkbox"/> 7.  | Application to Change Place and/or Purpose of Use                                                            | \$ 100.00 |
| <input type="checkbox"/> 8.  | Application to Appropriate                                                                                   | \$ 25.00  |
| <input type="checkbox"/> 9.  | Notice of Intent to Appropriate                                                                              | \$ 25.00  |
| <input type="checkbox"/> 10. | Application for Extension of Time                                                                            | \$ 50.00  |
| <input type="checkbox"/> 11. | Supplemental Well to a Surface Right                                                                         | \$ 100.00 |
| <input type="checkbox"/> 12. | Return Flow Credit                                                                                           | \$ 100.00 |
| <input type="checkbox"/> 13. | Proof of Completion of Works                                                                                 | \$ 25.00  |
| <input type="checkbox"/> 14. | Proof of Application of Water to Beneficial Use                                                              | \$ 25.00  |
| <input type="checkbox"/> 15. | Water Development Plan                                                                                       | \$ 100.00 |
| <input type="checkbox"/> 16. | Declaration of Livestock Water Impoundment                                                                   | \$ 10.00  |
| <input type="checkbox"/> 17. | Application for Livestock Water Impoundment                                                                  | \$ 10.00  |

**C. Well Driller Fees**

- |                             |                                                   |          |
|-----------------------------|---------------------------------------------------|----------|
| <input type="checkbox"/> 1. | Application for Well Driller's License            | \$ 50.00 |
| <input type="checkbox"/> 2. | Application for Renewal of Well Driller's License | \$ 50.00 |

**D. Reproduction of Documents**

- |                                     |          |
|-------------------------------------|----------|
| <input type="checkbox"/> @ 25¢/copy | \$ _____ |
| <input type="checkbox"/> Map(s)     | \$ _____ |

**E. Certification**

|  |          |
|--|----------|
|  | \$ _____ |
|--|----------|

**F. \*Credit Card Convenience Fee**

|  |          |
|--|----------|
|  | \$ _____ |
|--|----------|

**G. Other**

|  |          |
|--|----------|
|  | \$ _____ |
|--|----------|

**Comments:**

**3 MWS + 5BS**  
**@ Blanco Gas Plant**  
**North Flare P.T. Site**

**All fees are non-refundable.**

**NMOSE Permit to Drill a Non-Consumptive Well(s) and Well Plugging Plan of Operations  
Conditions of Approval  
SJ-4254 POD28-POD31**

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

1. This permit is approved as follows:

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

**Permit Number:** SJ-4254

**Application File Date:** March 9, 2023

**Priority:** N/A

**Source:** Groundwater

**Point(s) of Diversion:** Three new points of diversion (PODs), SJ-4254 POD28-POD30, are proposed to be installed for temporary use to conduct groundwater monitoring activities associated with the El Paso CGP Blanco Gas Plant – North Flare Pit site investigation (Table 1). The wells will be located on land owned by US Bureau of Land Management north of 81 Road 4900, Bloomfield, San Juan County, New Mexico. The PODs will be located within the SW/4 SE/4 and NW/4 SE/4 of Section 11, Township 29 North, Range 11 West NMPM, at the following approximate point locations (Lat./Long., NAD83; Decimal Degrees). In addition to the three proposed monitoring wells, Soil Borings SB-04 through SB-08 are to be advanced to a depth of approximately 70' BGS. One of the soil borings may be completed as a monitoring well and should be designated as POD31 on the submitted well record and identified accordingly. Soil borings not converted to monitoring wells shall be plugged per Condition 10 below.

Table 1: Proposed Monitoring Wells.

| POD Number and Owner's Well Name  | Casing:<br>Outside Diameter<br>(inches) and Depth<br>(feet) |    | Latitude<br>(Degrees N) | Longitude<br>(Degrees W) |
|-----------------------------------|-------------------------------------------------------------|----|-------------------------|--------------------------|
| SJ-4254 POD 28 (MW-58)            | 4                                                           | 70 | 36.735409               | 107.958970               |
| SJ-4254 POD 29 (MW-59)            | 4                                                           | 70 | 36.735606               | 107.958846               |
| SJ-4254 POD 30 (MW-60)            | 4                                                           | 60 | 36.736103               | 107.958618               |
| SJ-4254 POD 31 (SB-04 thru SB-08) | 4                                                           | 70 | 36.735640               | 107.959192               |

**Purpose of Use:** Groundwater monitoring

Place of Use: N/A

Amount of Water: N/A

2. No water shall be appropriated and beneficially used from any wells or borings approved under this permit.
3. No water shall be diverted from the well(s) except for initial well development and periodic sampling purposes. Upon completion of monitoring activities the well(s) shall be plugged in accordance with Subsection C of 19.27.4.30 NMAC, unless a permit to use water is acquired from the NMOSE.
4. The well(s) may continue to be used indefinitely for groundwater sampling or monitoring required for the current site investigation and any associated remediation, so long as they remain in good repair. **A new permit shall be obtained from the NMOSE prior to replacing a well(s) or for any change in use as approved herein.**
5. Water well drilling and well drilling activities, including well plugging, are regulated under NMOSE Regulations 19.27.4 NMAC. These regulations apply, and provide both general and specific direction regarding the drilling of wells in New Mexico. Note that the construction of any well that allows groundwater to flow uncontrolled to the land surface or to move appreciably between geologic units is prohibited. Based on the proposed well construction information provided regarding the subject well(s), the following variances have been provided from 19.27.4.29 and 19.27.4.30 NMAC.
6. In accordance with Subsection A of 19.27.4.29 NMAC, on-site supervision of well drilling/plugging is required by the holder of a New Mexico Well Driller License or a NMOSE-registered Drill Rig Supervisor. The New Mexico licensed Well Driller shall ensure that well drilling activities are completed in accordance with 19.27.4.29, 19.27.4.30 and 19.27.4.31 NMAC. However, pursuant to 72-12-12 NMSA 1978 and 19.27.4.8 NMAC, a driller's license is not required for the construction of a driven well with an outside casing diameter of 2¾ inches or less and that does not require the use of a drill rig (e.g., auger) for installation. This exemption is not applicable to well plugging.
7. The permittee has not stated whether artesian conditions are likely to be encountered at the proposed well/borehole location(s). However, if artesian conditions are encountered during drilling, all rules and regulations pertaining to the drilling and casing and plugging of artesian wells shall be followed.
8. A Well Record documenting the as-built well construction and materials used shall be filed for each of the new wells in accordance with Subsection N of 19.27.4.29 NMAC. **Well Records shall be filed with the State Engineer (NMOSE District V, 100 Gossett Drive, Suite A, Aztec, NM, 87410) within 30 days after completion of the well(s).** Well installation(s) shall be complete and the well record(s) filed no later than one year from the date of approval of this permit. The well record form is available at <http://www.ose.state.nm.us/STST/wdForms.php>.
9. If the required Well Record documentation is not received within one year of the date of permit approval, this permit will automatically expire.



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

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

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

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

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

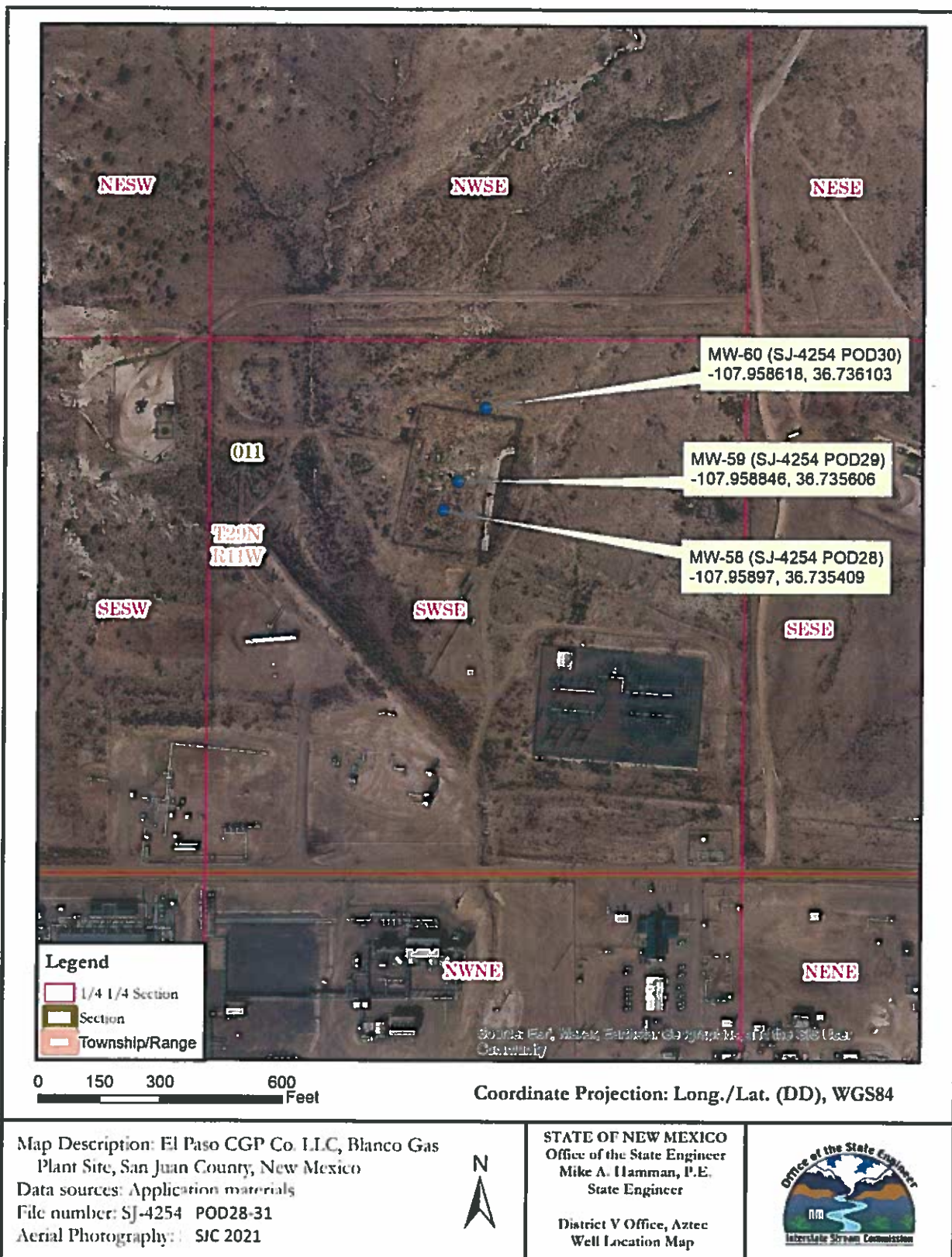
The application for non-consumptive use for well(s) SJ-4254 POD13-POD20, submitted on May 7, 2019, is hereby approved with the aforesaid conditions applied, when signed by an authorized designee of the State Engineer:

Witness my hand and seal this 13<sup>th</sup> day of April, A.D. 2023.  
Mike A. Hamman, P.E., State Engineer

By:



Miles Juett, Watermaster  
Water Rights Division District V





**From:** [Juett, Miles, OSE](#)  
**To:** [Varsa, Steve](#)  
**Subject:** RE: [EXTERNAL] RE: Permit Approval to Drill Wells with No Water Right, SJ-4254 POD28-POD31, El Paso CGP Company, LLC, Blanco Gas Plant  
**Date:** Tuesday, May 9, 2023 6:07:45 PM

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Thank you, Steve!

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**From:** Varsa, Steve <steve.varsa@stantec.com>  
**Sent:** Tuesday, May 9, 2023 5:06 PM  
**To:** Juett, Miles, OSE <Miles.Juett@ose.nm.gov>  
**Subject:** [EXTERNAL] RE: Permit Approval to Drill Wells with No Water Right, SJ-4254 POD28-POD31, El Paso CGP Company, LLC, Blanco Gas Plant

CAUTION: This email originated outside of our organization. Exercise caution prior to clicking on links or opening attachments.

Hi Miles – this correspondence is to document our conversation earlier today regarding the subject permit. As discussed, we encountered some conditions during advancement of one of the soil borings (POD-31) where we desired to install a 2-inch well casing and screen to conduct further monitoring. While no water has been encountered and we do not plan to conduct any water sampling or withdrawal from it, we installed this pipe in the boring and completed it as if it were a monitoring well (we have labelled it MP-4), in the event some water does eventually enter.

As agreed, we will explain this when submitting our completion logs for this project, and will look to formally permit this during our next project should water enter.

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](mailto:steve.varsa@stantec.com)

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**From:** Juett, Miles, OSE <[Miles.Juett@ose.nm.gov](mailto:Miles.Juett@ose.nm.gov)>  
**Sent:** Thursday, April 13, 2023 5:48 PM  
**To:** Varsa, Steve <[steve.varsa@stantec.com](mailto:steve.varsa@stantec.com)>; Wiley, Joe <[joe\\_wiley@kindermorgan.com](mailto:joe_wiley@kindermorgan.com)>  
**Cc:** Williams, Shawn, OSE <[shawn.williams@ose.nm.gov](mailto:shawn.williams@ose.nm.gov)>  
**Subject:** RE: Permit Approval to Drill Wells with No Water Right, SJ-4254 POD28-POD31, El Paso CGP Company, LLC, Blanco Gas Plant

Steve,

Attached is your approved permit to install 3 new MWs and perform 5 soil borings at El Paso's

Blanco Gas Plant.

Best,  
Miles Juett  
San Juan Basin Watermaster  
100 Gossett Drive, Suite A  
Aztec, NM 87410  
Main: 505-383-4571  
Direct: 505-383-4577  
Cell: 505-670-8458

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

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

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

# APPENDIX D

Monitoring Well and Soil Boring Logs





## Drilling Log

Monitoring Well **MW-58**

Page: 1 of 2

Project Blanco Gas Plant - North Flare Pit (Kutz Hydrocarbon Area) Owner El Paso CGP Company

Location Bloomfield, New Mexico Project Number 193709458

Surface Elev. 5638.63 ft North 2087013.1 East 2686269.2

Top of Casing 5642.11 ft Water Level Initial 5582.31 05/11/23 00:00 Static 5576.95 05/18/23 00:00

Hole Depth 80.0 ft Screen: Diameter 4 in Length 20.0 ft Type/Size SCH 40 PVC/0.01 in

Hole Diameter 8.25 in Casing: Diameter 4 in Length 45.0 ft Type SCH 40 PVC

Drill Co. Cascade Drilling Method Sonic Sand Pack Gillibrand 10/20

Driller Greg Smith Driller Reg. # WD-1210 Log By R. Malcomson

Start Date 5/9/2023 Completion Date 5/9/2023 Checked By S. Varsa

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

COMMENTS

| Depth (ft) | PID (ppm)                                                             | % Recovery | Blow Count Recovery | Graphic Log | USCS     | Description<br>(Color, Moisture, Texture, Structure, Odor)<br>Geologic Descriptions are Based on the USCS. | Well Completion | Elevation (ft) |
|------------|-----------------------------------------------------------------------|------------|---------------------|-------------|----------|------------------------------------------------------------------------------------------------------------|-----------------|----------------|
| 0          |                                                                       |            |                     |             |          | 0-10' hydro-vacuumed. Sand, silty, clayey, scattered coarse gravel, tan, brown, dry.                       |                 | 5638.63        |
| 5          |                                                                       | 100%       |                     |             | CL<br>ML |                                                                                                            |                 | 5635           |
| 10         | 2.0<br>3.7<br>2.4<br>39.0*                                            |            |                     |             | SC       | Sand, clayey, brown, loose to medium dense, dry, fine to medium-grained.                                   |                 | 5630           |
| 15         | 18.2<br>318<br>1680<br>1700*                                          | 100%       |                     |             | CL       | *MW-58 @ 14'<br>Clay, some fine sand, gray to dark gray, soft, medium plasticity, odor, staining.          |                 | 5625           |
| 20         | 1406<br>1748*                                                         |            |                     |             | SM       | *MW-58 @ 17'<br>Sand, silty, gray, loose to medium dense, dry, odor, staining.                             |                 | 5620           |
| 25         | 580<br>1225<br>457<br>545<br>1749*                                    | 100%       |                     |             | CL       | *MW-58 @ 20'<br>*MW-58 @ 25'<br>Clay, sandy, dark gray, medium stiff, moist, medium plasticity, odor.      |                 | 5615           |
| 30         | 660<br>1386<br>832<br>636<br>716<br>708<br>563<br>1808<br>321<br>1342 |            |                     |             | SM       | Sand, silty, gray, loose to medium dense, dry, fine to medium-grained, odor.                               |                 | 5610           |
| 35         | 2796*                                                                 | 100%       |                     |             | CL       | Clay, sandy, gray, stiff, medium plasticity, odor.                                                         |                 | 5605           |
| 40         | 990<br>1915<br>2007<br>2428                                           |            |                     |             |          | *MW-58 @ 36'                                                                                               |                 | 5600           |

Continued Next Page

Drilling Log BLANCO NEP.GPJ MWH IA.GDT 10/19/23



## Drilling Log

Monitoring Well **MW-58**

Page: 2 of 2

Project Blanco Gas Plant - North Flare Pit (Kutz Hydrocarbon Area) Owner El Paso CGP CompanyLocation Bloomfield, New Mexico Project Number 193709458

| Depth<br>(ft) | PID<br>(ppm) | % Recovery | Blow Count<br>Recovery | Graphic<br>Log | USCS | Description<br>(Color, Moisture, Texture, Structure, Odor)<br>Geologic Descriptions are Based on the USCS.                      | Well<br>Completion | Elevation<br>(ft) |
|---------------|--------------|------------|------------------------|----------------|------|---------------------------------------------------------------------------------------------------------------------------------|--------------------|-------------------|
| 40            | 1602         |            |                        |                |      | <i>Continued</i>                                                                                                                |                    |                   |
| 1263          |              |            |                        |                | SC   | Sand, clayey, gray, loose to medium dense, dry, fine to medium-grained, odor.                                                   |                    |                   |
| 1611          |              |            |                        |                | CL   | Clay, trace fine sand, gray, stiff to hard, dry, dry, odor.                                                                     |                    | 5595              |
| 3043          |              |            |                        |                |      |                                                                                                                                 |                    |                   |
| 45            | 2035         | 100%       |                        |                | CL   | Clay, sandy, gray, some yellow-brown zones, medium stiff, dry, moist from 47-49', low to medium plasticity, minor gypsum, odor. |                    |                   |
| 3633*         |              |            |                        |                | CL   | *MW-58 @ 46'                                                                                                                    |                    |                   |
| 2521          |              |            |                        |                |      |                                                                                                                                 |                    |                   |
| 2555          |              |            |                        |                | CL   |                                                                                                                                 |                    | 5590              |
| 1391          |              |            |                        |                |      |                                                                                                                                 |                    |                   |
| 50            | 958          |            |                        |                | CL   | Clay, olive to dark olive, soft to medium stiff, dry, non-plastic, odor.                                                        |                    |                   |
| 2041          |              |            |                        |                | SC   | Sand, clayey, yellow-brown, dry, weakly cemented, fine to medium-grained.                                                       |                    | 5585              |
| 1890          |              |            |                        |                | CL   | Clay, yellow-brown to olive-tan, dry, scattered weathered shale and sandstone rip up clasts, odor.                              |                    |                   |
| 1494          |              |            |                        |                |      |                                                                                                                                 |                    |                   |
| 1637          |              |            |                        |                |      |                                                                                                                                 |                    |                   |
| 55            | 1816         | 100%       |                        |                | CL   |                                                                                                                                 |                    |                   |
| 1969          |              |            |                        |                |      |                                                                                                                                 |                    |                   |
| 1437          |              |            |                        |                |      |                                                                                                                                 |                    |                   |
| 1306          |              |            |                        |                |      | Shale, dark gray, some orange mottling on fracture planes and orange staining from 63-65', dry, weakly cemented.                |                    | 5580              |
| 2034          |              |            |                        |                | CL   |                                                                                                                                 |                    |                   |
| 60            | 1972         |            |                        |                |      |                                                                                                                                 |                    |                   |
| 1725          |              |            |                        |                |      |                                                                                                                                 |                    |                   |
| 2304*         |              |            |                        |                |      | *MW-58 @ 62'                                                                                                                    |                    |                   |
| 1369          |              |            |                        |                |      |                                                                                                                                 |                    | 5575              |
| 1412          |              |            |                        |                |      |                                                                                                                                 |                    |                   |
| 1585          |              |            |                        |                |      |                                                                                                                                 |                    |                   |
| 65            | 74.5         | 100%       |                        |                | SW   | Sandstone, gray, dry, weakly cemented, very thin to thinly bedded, fine to coarse-grained.                                      |                    |                   |
| 233           |              |            |                        |                |      |                                                                                                                                 |                    |                   |
| 29.7          |              |            |                        |                |      |                                                                                                                                 |                    |                   |
| 189           |              |            |                        |                |      |                                                                                                                                 |                    | 5570              |
| 35.9          |              |            |                        |                |      |                                                                                                                                 |                    |                   |
| 70            | 99.4         |            |                        |                |      |                                                                                                                                 |                    |                   |
| 18.2          |              |            |                        |                |      |                                                                                                                                 |                    |                   |
| 72.8          |              |            |                        |                |      | Shale, dark gray to gray, dry, strongly cemented, thickly laminated to thinly bedded.                                           |                    | 5565              |
| 56.0          |              |            |                        |                |      |                                                                                                                                 |                    |                   |
| 75            | 5.1          | 100%       |                        |                | CL   |                                                                                                                                 |                    |                   |
| 106           |              |            |                        |                |      |                                                                                                                                 |                    |                   |
| 24.7          |              |            |                        |                |      |                                                                                                                                 |                    |                   |
| 34.9          |              |            |                        |                |      |                                                                                                                                 |                    | 5560              |
| 33.6          |              |            |                        |                |      |                                                                                                                                 |                    |                   |
| 38.9          |              |            |                        |                |      |                                                                                                                                 |                    |                   |
| 80            |              |            |                        |                |      | End of boring = 80'. Well set at 65'.                                                                                           |                    | 5555              |
| 85            |              |            |                        |                |      |                                                                                                                                 |                    | 5550              |
| 90            |              |            |                        |                |      |                                                                                                                                 |                    |                   |

Drilling Log BLANCO NFP.GPJ MWH JA.GDT 10/19/23



## Drilling Log

Monitoring Well **MW-59**

Page: 1 of 2

Project Blanco Gas Plant - North Flare Pit (Kutz Hydrocarbon Area) Owner El Paso CGP Company

Location Bloomfield, New Mexico Project Number 193709458

Surface Elev. 5638.70 ft North 2087110.73 East 2686326.96

Top of Casing 5641.72 ft Water Level Initial 5574.95 05/11/23 00:00 Static 5569.84 05/18/23 00:00

Hole Depth 75.0 ft Screen: Diameter 4 in Length 20.0 ft Type/Size SCH 50 PVC/0.01 in

Hole Diameter 8.25 in Casing: Diameter NA Length 49.5 ft Type SCH 40 PVC

Drill Co. Cascade Drilling Method Sonic Sand Pack Gillibrand 10/20

Driller Greg Smith Driller Reg. # WD-1210 Log By R. Malcomson

Start Date 5/7/2023 Completion Date 5/8/2023 Checked By S. Varsa

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

COMMENTS

| Depth (ft) | PID (ppm)                                                          | % Recovery | Blow Count Recovery | Graphic Log | USCS           | Description<br>(Color, Moisture, Texture, Structure, Odor)<br>Geologic Descriptions are Based on the USCS.                                    | Well Completion | Elevation (ft) |
|------------|--------------------------------------------------------------------|------------|---------------------|-------------|----------------|-----------------------------------------------------------------------------------------------------------------------------------------------|-----------------|----------------|
| 0          |                                                                    |            |                     |             |                | 0-10' hydro-vacuumed. Sand, silt, clay, brown, gray, dry.                                                                                     |                 | 5638.70        |
| 5          |                                                                    | 100%       |                     |             | SM             |                                                                                                                                               |                 | 5635           |
| 10         | 0.0<br>0.4<br>0.4<br>0.5<br>0.4                                    |            |                     |             | SC<br>SM       | Sand, clayey, silty, tan to brown, loose to medium dense, dry, fine to medium-grained.                                                        |                 | 5630           |
| 15         | 0.5*                                                               | 100%       |                     |             | SC             | Sand, clayey, olive brown, dry, fine to medium-grained, minor caliche.<br>*MW-59 @ 15'                                                        |                 | 5625           |
| 20         | 0.1<br>0.1<br>0.1<br>0.2<br>0.1<br>0.1<br>0.2                      |            |                     |             | SC             | Sand, clayey, tan, loose to medium dense, fine to medium-grained.                                                                             |                 | 5620           |
| 25         | 0.1<br>0.2<br>0.3<br>0.6<br>0.2                                    | 100%       |                     |             | CL             | Clay, sandy (interbedded), gray-brown, soft to medium stiff.                                                                                  |                 | 5615           |
| 30         | 0.0<br>0.1<br>0.2<br>0.3<br>0.2                                    |            |                     |             | CL             | Clay, gray-brown, stiff, dry, medium plasticity, blocky, minor caliche.                                                                       |                 | 5610           |
| 35         | 0.0<br>0.1<br>0.2<br>0.3<br>0.2<br>0.7<br>0.3<br>0.4<br>0.3<br>0.4 | 100%       |                     |             | SC<br>SM<br>CL | Sand, clayey, silty, tan to gray-tan, dry, fine-grained.                                                                                      |                 | 5605           |
| 40         |                                                                    |            |                     |             |                | Clay, trace fine sand becoming more sandy with depth, gray-tan/brown, very hard, dry, non-plastic, minor gypsum or calcite 36-37' and 40-41'. |                 | 5600           |

Continued Next Page





## Drilling Log

Monitoring Well **MW-59**

Page: 2 of 2

Project Blanco Gas Plant - North Flare Pit (Kutz Hydrocarbon Area) Owner El Paso CGP CompanyLocation Bloomfield, New Mexico Project Number 193709458

| Depth<br>(ft) | PID<br>(ppm) | % Recovery | Blow Count<br>Recovery | Graphic<br>Log | USCS | Description<br>(Color, Moisture, Texture, Structure, Odor)<br>Geologic Descriptions are Based on the USCS.                                                    | Well<br>Completion | Elevation<br>(ft) |
|---------------|--------------|------------|------------------------|----------------|------|---------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------|-------------------|
| 40            |              |            |                        |                |      | <i>Continued</i>                                                                                                                                              |                    |                   |
| 0.3           |              |            |                        |                | CL   |                                                                                                                                                               |                    |                   |
| 0.2           |              |            |                        |                |      |                                                                                                                                                               |                    |                   |
| 0.8           |              |            |                        |                |      |                                                                                                                                                               |                    |                   |
| 0.7           |              |            |                        |                |      |                                                                                                                                                               |                    |                   |
| 0.4           |              | 100%       |                        |                | CL   | Weathered shale with sandstone/quartzite fragments, dark olive, variably cemented, dry.                                                                       |                    | 5595              |
| 0.6           |              |            |                        |                |      |                                                                                                                                                               |                    |                   |
| 3.3           |              |            |                        |                |      |                                                                                                                                                               |                    |                   |
| 5.7*          |              |            |                        |                |      | *MW-59 @ 47'                                                                                                                                                  |                    |                   |
| 0.6           |              |            |                        |                |      |                                                                                                                                                               |                    |                   |
| 0.8           |              |            |                        |                | CL   | Weathered shale and clay, dark olive and dark gray, some orange mottling, dry, weakly to strongly cemented, fractured.                                        |                    | 5590              |
| 0.2           |              |            |                        |                |      |                                                                                                                                                               |                    |                   |
| 3.0           |              |            |                        |                |      |                                                                                                                                                               |                    |                   |
| 0.2           |              |            |                        |                |      |                                                                                                                                                               |                    |                   |
| 1.2           |              |            |                        |                | CL   | Weathered shale, dark gray, some orange mottling, dry, weakly to moderately cemented, thinly bedded.                                                          |                    | 5585              |
| 24.4          |              |            |                        |                |      |                                                                                                                                                               |                    |                   |
| 9.8           |              | 100%       |                        |                |      | Weathered shale to clay, brown to dark olive brown and dark gray, dry, weakly cemented becoming stronger with depth, some orange-brown mottling, slight odor. |                    |                   |
| 90.9          |              |            |                        |                |      |                                                                                                                                                               |                    |                   |
| 113           |              |            |                        |                |      |                                                                                                                                                               |                    |                   |
| 463*          |              |            |                        |                | CL   | *MW-59 @ 58'                                                                                                                                                  |                    | 5580              |
| 219           |              |            |                        |                |      |                                                                                                                                                               |                    |                   |
| 430           |              |            |                        |                |      |                                                                                                                                                               |                    |                   |
| 376           |              |            |                        |                |      |                                                                                                                                                               |                    |                   |
| 1466          |              |            |                        |                |      | Weathered shale to clay with sandstone fragments, gray and dark gray, dry, some orange mottling.                                                              |                    |                   |
| 1674*         |              |            |                        |                |      | *MW-59 @ 63'                                                                                                                                                  |                    | 5575              |
| 848           |              |            |                        |                |      |                                                                                                                                                               |                    |                   |
| 301           |              | 100%       |                        |                | CL   |                                                                                                                                                               |                    |                   |
| 607           |              |            |                        |                |      |                                                                                                                                                               |                    |                   |
| 327           |              |            |                        |                |      |                                                                                                                                                               |                    |                   |
| 104           |              |            |                        |                |      |                                                                                                                                                               |                    | 5570              |
| 329           |              |            |                        |                |      |                                                                                                                                                               |                    |                   |
| 43            |              |            |                        |                |      | Weathered sandstone, gray, strongly cemented, dry, medium to coarse-grained, subrounded.                                                                      |                    |                   |
| 83.1          |              |            |                        |                | SW   |                                                                                                                                                               |                    |                   |
| 44.6          |              | 100%       |                        |                |      |                                                                                                                                                               |                    |                   |
| 35.4          |              |            |                        |                |      |                                                                                                                                                               |                    |                   |
| 49.6          |              |            |                        |                |      |                                                                                                                                                               |                    |                   |
| 2.8           |              |            |                        |                | CL   | Shale, sandy, gray, moist.                                                                                                                                    |                    | 5565              |
|               |              |            |                        |                |      | End of boring = 75'. Well set at 69.5'.                                                                                                                       |                    |                   |
|               |              |            |                        |                |      |                                                                                                                                                               |                    | 5560              |
|               |              |            |                        |                |      |                                                                                                                                                               |                    | 5555              |
|               |              |            |                        |                |      |                                                                                                                                                               |                    | 5550              |

Drilling Log BLANCO NFP.GPJ MWH JA.GDT 10/19/23



## Drilling Log

Monitoring Well **MW-60**

Page: 1 of 2

Project Blanco Gas Plant - North Flare Pit (Kutz Hydrocarbon Area) Owner El Paso CGP Company  
 Location Bloomfield, New Mexico Project Number 193709458  
 Surface Elev. 5644.96 ft North 2087284.76 East 2686391.16  
 Top of Casing 5647.96 ft Water Level Initial ▼ Static ▼  
 Hole Depth 70.0 ft Screen: Diameter 4 in Length 20.0 ft Type/Size SCH 40 PVC/0.01 in  
 Hole Diameter 8.25 in Casing: Diameter 4 in Length 50.0 ft Type SCH 40 PVC  
 Drill Co. Cascade Drilling Method Sonic Sand Pack Gillibrand 10/20  
 Driller Greg Smith Driller Reg. # WD-1210 Log By R. Malcomson  
 Start Date 5/6/2023 Completion Date 5/7/2023 Checked By S. Varsa

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

COMMENTS  
 On 5/11/2023, MW-60 was dry.

| Depth (ft) | PID (ppm)                                            | % Recovery | Blow Count Recovery | Graphic Log | USCS | Description<br>(Color, Moisture, Texture, Structure, Odor)<br>Geologic Descriptions are Based on the USCS.                                      | Well Completion | Elevation (ft) |
|------------|------------------------------------------------------|------------|---------------------|-------------|------|-------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|----------------|
| 0          |                                                      |            |                     |             |      | 0-10' hydro-vacuumed. Sand, silty, tan, dry.                                                                                                    |                 | 5644.96        |
| 5          |                                                      | 100%       |                     |             | SM   |                                                                                                                                                 |                 | 5640           |
| 10         | 0.6<br>0.2<br>0.3<br>0.3<br>0.5                      |            |                     |             |      | Sand, silty, tan, loose to medium dense, dry, fine-grained. weakly cemented weathered sandstone lens from 20-21.5'.                             |                 | 5635           |
| 15         | NM<br>NM<br>0.2<br>0.1                               | 100%       |                     |             | SM   |                                                                                                                                                 |                 | 5630           |
| 20         | 0.2<br>0.7<br>1.0<br>0.1<br>0.1                      |            |                     |             |      |                                                                                                                                                 |                 | 5625           |
| 25         | 0.2<br>2.1<br>2.3*                                   | 100%       |                     |             | SM   | Sand, silty, tan to gray, loose, dry, fine-grained, some gypsum.<br>*MW-60 @ 27'                                                                |                 | 5620           |
| 30         | 1.0<br>1.2<br>0.9<br>0.5                             |            |                     |             | CL   | Clay, gray-brown, hard, dry, blocky, non-plastic, minor caliche or gypsum.                                                                      |                 | 5615           |
| 35         | 0.1<br>0.3<br>0.6<br>0.2<br>0.6<br>0.5<br>0.1<br>1.0 | 100%       |                     |             | SC   | Sand, clayey, gray-brown, moderately cemented, dry, fine-grained, fractured, minor caliche.                                                     |                 | 5610           |
| 40         |                                                      |            |                     |             | SC   | Sand, clayey, silty, some interbedded weathered brown-gray shale, tan to gray tan/brown, hard 40-40.5', moderately cemented, dry, fine-grained. |                 | 5605           |

Continued Next Page



## Drilling Log

Monitoring Well **MW-60**

Page: 2 of 2

Project Blanco Gas Plant - North Flare Pit (Kutz Hydrocarbon Area) Owner El Paso CGP CompanyLocation Bloomfield, New Mexico Project Number 193709458

| Depth<br>(ft) | PID<br>(ppm) | % Recovery | Blow Count<br>Recovery | Graphic<br>Log | USCS | Description<br>(Color, Moisture, Texture, Structure, Odor)<br>Geologic Descriptions are Based on the USCS.                                                                      | Well<br>Completion | Elevation<br>(ft) |
|---------------|--------------|------------|------------------------|----------------|------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------|-------------------|
| Continued     |              |            |                        |                |      |                                                                                                                                                                                 |                    |                   |
| 40            | 1.3          | 100%       |                        |                | SM   | Sand, silty, tan becoming gray-tan below 43', loose, dry, fine-grained.                                                                                                         |                    | 5600              |
| 45            | 0.5          |            |                        |                | SM   | Sand, silty, trace interbedded dark brown clay, some weathered sandstone fragments below 48.5', gray-tan, loose to medium dense, dry, fine to medium-grained.                   |                    |                   |
| 50            | 0.4          |            |                        |                | SW   | Sand, tan, loose to medium dense, dry, fine to medium-grained, scattered coarse fragments and cobbles of very hard sandstone from 51-51.5' trace fine to coarse igneous gravel. |                    |                   |
| 55            | 0.3          |            |                        |                | CL   | Weathered shale to clay, sandy, gray-brown, stiff, dry, non-plastic.                                                                                                            |                    |                   |
| 60            | 0.7          |            |                        |                | CL   | Weathered shale, brown to olive dark brown, stiff, dry, some strong cementation.                                                                                                |                    |                   |
| 65            | 0.2          | 100%       |                        |                | CL   | Weathered shale to clay, gray-brown, soft, low plasticity.                                                                                                                      |                    | 5585              |
|               | 0.7          |            |                        |                | CL   | Shale, sandy, dark olive brown, hard, dry, some strong cementation.                                                                                                             |                    |                   |
|               | 1.9          |            |                        |                | CL   | *MW-60 @ 63'                                                                                                                                                                    |                    |                   |
|               | 5.9*         |            |                        |                | CL   |                                                                                                                                                                                 |                    |                   |
|               | 0.4          |            |                        |                | SW   | Shale, sandy, medium gray, moist on fracture planes, some strong cementation.                                                                                                   |                    |                   |
| 70            | 0.9          |            |                        |                |      | End of boring = 70'. Well set at 70'.                                                                                                                                           |                    | 5580              |
| 75            | 0.1          |            |                        |                |      |                                                                                                                                                                                 |                    | 5575              |
| 80            | 0.1          |            |                        |                |      |                                                                                                                                                                                 |                    | 5570              |
| 85            | 0.1          |            |                        |                |      |                                                                                                                                                                                 |                    | 5565              |
| 90            | 0.4          |            |                        |                |      |                                                                                                                                                                                 |                    | 5560              |
|               | 0.8          |            |                        |                |      |                                                                                                                                                                                 |                    | 5555              |

Drilling Log BLANCO NFP.GPJ MW-60 10/21/23





## Drilling Log

Soil Boring **SB-04**

Page: 1 of 2

Project Blanco Gas Plant - North Flare Pit (Kutz Hydrocarbon Area) Owner El Paso CGP Company  
 Location Bloomfield, New Mexico Project Number 193709458  
 Surface Elev. 5638.82 ft North 2087137.72 East 2686227.17  
 Top of Casing NA Water Level Initial ▼ Dry 5/3/2023 Static ▼  
 Hole Depth 70.0 ft Screen: Diameter NA Length NA Type/Size NA  
 Hole Diameter 6.0 in Casing: Diameter NA Length NA Type NA  
 Drill Co. Cascade Drilling Method Sonic Sand Pack NA  
 Driller Greg Smith Driller Reg. # WD-1210 Log By R. Malcomson  
 Start Date 5/2/2023 Completion Date 5/3/2023 Checked By S. Varsa

## COMMENTS

On 5/3/23, groundwater elevation at MW-23 was 5574.98 ft.

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

| Depth (ft) | PID (ppm)                                         | % Recovery | Blow Count Recovery | Graphic Log | USCS  | Description<br>(Color, Moisture, Texture, Structure, Odor)<br>Geologic Descriptions are Based on the USCS.     | Elevation (ft) |
|------------|---------------------------------------------------|------------|---------------------|-------------|-------|----------------------------------------------------------------------------------------------------------------|----------------|
| 0          |                                                   |            |                     |             |       | 0-10' hydro-vacuumed. Silt to silty fine sand, tan-brown, soft/loose, dry, no odor.                            | 5638.82        |
| 5          |                                                   | 100%       |                     |             | ML SM |                                                                                                                | 5635           |
| 10         |                                                   |            |                     |             |       |                                                                                                                | 5630           |
| 15         | 0.0<br>0.8<br>0.3<br>2.2<br>0.7<br>NM<br>NM<br>NM | 63%        |                     |             | ML SM | Silt to silty fine sand, gray-brown, soft/loose, dry, no odor.                                                 | 5625           |
| 20         | 0.1<br>2.8<br>5.0*                                | 100%       |                     |             | SM    | Sand, silty, loose to medium dense, poorly-sorted, weak to moderate cementation, some caliche.<br>*SB-04 @ 20' | 5620           |
| 25         | 7.6<br>0.8<br>3.7<br>7.2<br>0.1                   | 100%       |                     |             | SM    | Sand, silty, tan to olive-tan, loose to medium dense, dry, some weak cementation.                              | 5615           |
| 30         | 0.3<br>1.3<br>1.4<br>8.7*                         |            |                     |             | CL    | Clay to weathered shale, brown to dark gray, stiff, dry, blocky structure, minor caliche.                      | 5610           |
|            |                                                   |            |                     |             | ML    | Silt to weathered siltstone, sandy, gray-brown, medium strong.<br>*SB-04 @ 30'                                 |                |
|            | 1.4<br>2.6<br>0.7                                 |            |                     |             | ML    | Siltstone, olive, stiff to hard, dry.                                                                          |                |
| 35         | 17.0<br>1.1<br>0.0<br>2.5<br>3.2                  | 100%       |                     |             | ML    | Siltstone, olive, hard, dry, no odor.                                                                          | 5605           |
| 40         |                                                   |            |                     |             | ML    | Siltstone, light olive to tan, hard, dry, no odor.                                                             | 5600           |

Continued Next Page

Drilling Log BLANCO NEP.GPJ MWH I.A.GDT 10/19/23



## Drilling Log

Soil Boring **SB-04**

Page: 2 of 2

Project Blanco Gas Plant - North Flare Pit (Kutz Hydrocarbon Area) Owner El Paso CGP CompanyLocation Bloomfield, New Mexico Project Number 193709458

| Depth<br>(ft) | PID<br>(ppm) | % Recovery | Blow Count<br>Recovery | Graphic<br>Log | USCS | Description<br>(Color, Moisture, Texture, Structure, Odor)<br>Geologic Descriptions are Based on the USCS.                                       | Elevation<br>(ft) |
|---------------|--------------|------------|------------------------|----------------|------|--------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|
| 40            |              |            |                        |                |      | <i>Continued</i>                                                                                                                                 |                   |
| 10.1          |              |            |                        | x x x x x      |      | Siltstone, sandy, some lower consistency silt present from 42-44', olive with some orange-brown mottling on fracture planes, hard, dry, no odor. |                   |
| 7.0           |              |            |                        | x x x x x      | ML   |                                                                                                                                                  |                   |
| 17.0          |              |            |                        | x x x x x      |      |                                                                                                                                                  |                   |
| 16.5          |              |            |                        | x x x x x      |      |                                                                                                                                                  |                   |
| 41.4          |              |            |                        | x x x x x      |      | Siltstone, sandy, dark olive, some dark orange mottling on fracture planes, hard, dry, no odor.                                                  | 5595              |
| 16.1          |              | 100%       |                        | x x x x x      | ML   |                                                                                                                                                  |                   |
| 4.0           |              |            |                        | x x x x x      |      |                                                                                                                                                  |                   |
| 5.1           |              |            |                        | x x x x x      |      |                                                                                                                                                  |                   |
| 12.2          |              |            |                        | x x x x x      | CL   | Clay to weathered mudstone/shale, black to gray, orange mottling on fracture planes, dry, thinly bedded, no odor.                                | 5590              |
| 2.5           |              |            |                        | x x x x x      | CL   | Clay and silt, sandy, olive, hard, dry, non-plastic.                                                                                             |                   |
| 18.8          |              |            |                        | x x x x x      |      |                                                                                                                                                  |                   |
| 26.0          |              |            |                        | x x x x x      | CL   | Shale, gray-black, dry, laminar bedding, shiny on fracture planes, low plasticity.                                                               |                   |
| 50.7          |              |            |                        | x x x x x      | CL   | Clay, dark olive-gray, dry, slight odor.                                                                                                         | 5585              |
| 127           |              |            |                        | x x x x x      | CL   | Clay and silt, brown-gray to olive-gray, dry, non-plastic, odor.                                                                                 |                   |
| 97.4          |              |            |                        | x x x x x      |      |                                                                                                                                                  |                   |
| 55            |              | 100%       |                        | x x x x x      | SP   | Sandstone, gray-brown, strongly cemented, dry, odor.                                                                                             |                   |
| 441           |              |            |                        | x x x x x      |      |                                                                                                                                                  |                   |
| 195           |              |            |                        | x x x x x      | SP   | Sandstone, tan-gray, very strongly cemented, some loose zones, dry, fine-grained, odor.                                                          | 5580              |
| 1165*         |              |            |                        | x x x x x      |      |                                                                                                                                                  |                   |
| 45.0          |              |            |                        | x x x x x      | CL   | *SB-04 @ 57'                                                                                                                                     |                   |
| 469           |              |            |                        | x x x x x      |      |                                                                                                                                                  |                   |
| 60            |              |            |                        | x x x x x      | CL   | Shale, gray, dry, strongly cemented, odor.                                                                                                       |                   |
| 809           |              |            |                        | x x x x x      |      |                                                                                                                                                  |                   |
| 170           |              |            |                        | x x x x x      | CL   | Shale, black, stiff, dry, strong odor.                                                                                                           |                   |
| 840           |              |            |                        | x x x x x      |      |                                                                                                                                                  |                   |
| 8.7           |              |            |                        | x x x x x      |      | Shale, black to dark gray, dry, thinly bedded, some interbedded fine sand.                                                                       | 5575              |
| 89.4          |              |            |                        | x x x x x      | CL   |                                                                                                                                                  |                   |
| 65            |              | 100%       |                        | x x x x x      |      |                                                                                                                                                  |                   |
| 272*          |              |            |                        | x x x x x      |      | *SB-04 @ 65'                                                                                                                                     |                   |
| 267           |              |            |                        | x x x x x      |      |                                                                                                                                                  |                   |
| 143           |              |            |                        | x x x x x      |      |                                                                                                                                                  |                   |
| 180           |              |            |                        | x x x x x      | SP   | Sandstone, gray, strongly cemented, dry, medium-grained, gypsiferous.                                                                            | 5570              |
| 9.6           |              |            |                        | x x x x x      |      |                                                                                                                                                  |                   |
| 70            |              |            |                        | x x x x x      |      | End of boring @ 70'.                                                                                                                             |                   |
| 34.0          |              |            |                        | x x x x x      |      |                                                                                                                                                  |                   |
| 75            |              |            |                        |                |      |                                                                                                                                                  | 5565              |
| 80            |              |            |                        |                |      |                                                                                                                                                  | 5560              |
| 85            |              |            |                        |                |      |                                                                                                                                                  | 5555              |
| 90            |              |            |                        |                |      |                                                                                                                                                  | 5550              |

Drilling Log BLANCO NEP.GPJ MWH JA GDT 10/19/23



## Drilling Log

Soil Boring SB-05

Page: 1 of 2

Project Blanco Gas Plant - North Flare Pit (Kutz Hydrocarbon Area) Owner El Paso CGP Company  
 Location Bloomfield, New Mexico Project Number 193709458  
 Surface Elev. 5638.89 ft North 2087077.95 East 2686236.45  
 Top of Casing NA Water Level Initial ▼ Dry 5/4/2023 Static ▼  
 Hole Depth 70.0 ft Screen: Diameter NA Length NA Type/Size NA  
 Hole Diameter 6.0 in Casing: Diameter NA Length NA Type NA  
 Drill Co. Cascade Drilling Method Sonic Sand Pack NA  
 Driller Greg Smith Driller Reg. # WD-1210 Log By R. Malcomson  
 Start Date 5/3/2023 Completion Date 5/4/2023 Checked By S. Varsa

## COMMENTS

On 5/3/2023, groundwater elevation at MW-23 was 5574.98 ft.

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

| Depth (ft) | PID (ppm)                              | % Recovery | Blow Count Recovery | Graphic Log | USCS                 | Description<br>(Color, Moisture, Texture, Structure, Odor)<br>Geologic Descriptions are Based on the USCS.                                                                                                                                                                                | Elevation (ft) |
|------------|----------------------------------------|------------|---------------------|-------------|----------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|
| 0          |                                        |            |                     |             |                      | 0-10' hydro-vacuumed. Clay and silt, sandy, brown-gray, soft to stiff, dry, no odor.                                                                                                                                                                                                      | 5638.89        |
| 5          |                                        | 100%       |                     |             | CL<br>ML             |                                                                                                                                                                                                                                                                                           | 5635           |
| 10         | 0.0<br>0.0<br>0.0<br>0.0<br>0.0        |            |                     |             | ML<br>SM             | Silt to silty fine sand, tan-brown, soft/loose, dry.                                                                                                                                                                                                                                      | 5630           |
| 15         | NM<br>NM<br>NM                         | 63%        |                     |             | SP                   | Sand, tan, loose, dry, fine-grained.                                                                                                                                                                                                                                                      | 5625           |
| 20         | 0.2<br>0.9<br>0.3<br>0.3<br>0.1        | 100%       |                     |             | ML<br>SM             | Sand, silty to silt, loose/soft, dry, fine-grained.                                                                                                                                                                                                                                       | 5620           |
| 25         | 0.1<br>1.0<br>0.9<br>6.1*              | 100%       |                     |             | SP                   | Sand, silty, tan, loose, dry, fine-grained.                                                                                                                                                                                                                                               | 5615           |
| 30         | 5.3<br>0.0<br>0.1<br>0.2<br>0.1<br>0.0 |            |                     |             | CL<br>SM<br>SM       | Clay with interbedded sand, brown-gray, soft to medium stiff, dry, non-plastic, no odor.<br>*SB-05 @ 27'<br>Sand, silty, tan, loose, dry, fine-grained, no cementation.<br>Sand, silty, tan, olive-brown, weakly to strongly cemented, dry, fine-grained, some thin bedding, gypsiferous. | 5610           |
| 35         | 1.9<br>1.9<br>0.7<br>0.2<br>3.3<br>1.8 | 100%       |                     |             | CL<br>ML<br>ML<br>SM | Clay and silt, sandy, gray-brown, dry, non-plastic, no odor.<br>Sand, silty to silt, olive-tan to olive with depth, loose, dry, fine-grained, some sandstone fragments are present and interbedded with clay/silt, sandstone fracture planes show orange-brown mottling.                  | 5605<br>5600   |

Continued Next Page





## Drilling Log

Soil Boring **SB-05**

Page: 2 of 2

Project Blanco Gas Plant - North Flare Pit (Kutz Hydrocarbon Area) Owner El Paso CGP Company  
 Location Bloomfield, New Mexico Project Number 193709458

| Depth<br>(ft) | PID<br>(ppm) | % Recovery | Blow Count<br>Recovery | Graphic<br>Log | USCS | Description<br>(Color, Moisture, Texture, Structure, Odor)<br>Geologic Descriptions are Based on the USCS.                                                                                                     | Elevation<br>(ft) |
|---------------|--------------|------------|------------------------|----------------|------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|
| 40            |              |            |                        |                |      | <i>Continued</i>                                                                                                                                                                                               |                   |
| 1.2           |              |            |                        |                | ML   |                                                                                                                                                                                                                |                   |
| 1.0           |              |            |                        |                | SM   |                                                                                                                                                                                                                |                   |
| 1.6           |              |            |                        |                |      |                                                                                                                                                                                                                |                   |
| 1.4           |              |            |                        |                |      |                                                                                                                                                                                                                |                   |
| 1.2           |              |            |                        |                | SP   |                                                                                                                                                                                                                | 5595              |
| 1.5           |              | 100%       |                        |                | CL   | Sand, silty to weathered sandstone, olive, weakly to moderately cemented, dry, fine-grained.                                                                                                                   |                   |
| 0.2           |              |            |                        |                |      | Weathered shale, dark gray, moderately to strongly cemented, dry.                                                                                                                                              |                   |
| 0.1           |              |            |                        |                | CL   | Weathered shale to clay, dark olive-brown and orange-brown, stiff, dry, blocky, fracture planes have waxy appearance, no odor.                                                                                 | 5590              |
| 0.0           |              |            |                        |                |      |                                                                                                                                                                                                                |                   |
| 6.5           |              |            |                        |                |      |                                                                                                                                                                                                                |                   |
| 1.4           |              |            |                        |                | CL   | Weathered shale to clay, dark gray, soft to stiff, dry, some fissile zones, no odor, minor gypsum, calcite and coal.                                                                                           |                   |
| 5.7           |              |            |                        |                |      |                                                                                                                                                                                                                |                   |
| 113           |              |            |                        |                |      | Weathered sandstone to silty sand, some interbedded clay, olive to dark olive, orange mottling on fracture planes, loose to moderately to strongly cemented, dry, fine-grained, odor from 54-58', gypsiferous. | 5585              |
| 89.5          |              |            |                        |                |      |                                                                                                                                                                                                                |                   |
| 59.8          |              |            |                        |                | SP   |                                                                                                                                                                                                                |                   |
| 55            |              | 100%       |                        |                |      |                                                                                                                                                                                                                |                   |
| 534           |              |            |                        |                |      |                                                                                                                                                                                                                |                   |
| 662           |              |            |                        |                |      |                                                                                                                                                                                                                |                   |
| 1067*         |              |            |                        |                |      |                                                                                                                                                                                                                |                   |
| 834           |              |            |                        |                | CL   | *SB-05 @ 57'                                                                                                                                                                                                   |                   |
| 238           |              |            |                        |                |      | Weathered shale to clay, dark gray, minor orange, moderately to strongly cemented, dry, blocky, odor, minor gypsum and calcite.                                                                                | 5580              |
| 1925*         |              |            |                        |                | SP   | Sandstone, brown and gray, minor orange, strongly cemented, dry, fine-grained, odor.                                                                                                                           |                   |
| 861           |              |            |                        |                | CL   | *SB--05 @ 60'                                                                                                                                                                                                  |                   |
| 903           |              |            |                        |                |      | Shale, dark gray, minor orange, dry, thinly-bedded, odor.                                                                                                                                                      |                   |
| 791           |              |            |                        |                | SP   |                                                                                                                                                                                                                |                   |
| 420           |              |            |                        |                | CL   | Sandstone, gray to dark gray, strongly cemented, dry, odor.                                                                                                                                                    | 5575              |
| 65            |              | 100%       |                        |                |      | Shale, dark gray, moderately to strongly cemented, dry, odor.                                                                                                                                                  |                   |
| 660           |              |            |                        |                |      | Sandstone, gray, strongly cemented, dry, slight odor.                                                                                                                                                          |                   |
| 96.8          |              |            |                        |                | SP   |                                                                                                                                                                                                                |                   |
| 19.7          |              |            |                        |                |      |                                                                                                                                                                                                                |                   |
| 15.5          |              |            |                        |                |      |                                                                                                                                                                                                                | 5570              |
| 13.5          |              |            |                        |                |      |                                                                                                                                                                                                                |                   |
| 70            |              |            |                        |                |      | End of boring @ 70'.                                                                                                                                                                                           |                   |
|               |              |            |                        |                |      |                                                                                                                                                                                                                | 5565              |
| 75            |              |            |                        |                |      |                                                                                                                                                                                                                |                   |
|               |              |            |                        |                |      |                                                                                                                                                                                                                | 5560              |
| 80            |              |            |                        |                |      |                                                                                                                                                                                                                |                   |
|               |              |            |                        |                |      |                                                                                                                                                                                                                | 5555              |
| 85            |              |            |                        |                |      |                                                                                                                                                                                                                |                   |
|               |              |            |                        |                |      |                                                                                                                                                                                                                | 5550              |
| 90            |              |            |                        |                |      |                                                                                                                                                                                                                |                   |

Drilling Log BLANCO NFP.GPJ MWVH JA.GDT 10/19/23



## Drilling Log

Soil Boring SB-06

Page: 1 of 2

Project Blanco Gas Plant - North Flare Pit (Kutz Hydrocarbon Area) Owner El Paso CGP Company  
 Location Bloomfield, New Mexico Project Number 193709458  
 Surface Elev. 5638.63 ft North 2087043.31 East 2686338.56  
 Top of Casing NA Water Level Initial ▼ Dry 5/6/2023 Static ▼  
 Hole Depth 71.5 ft Screen: Diameter NA Length NA Type/Size NA  
 Hole Diameter 6.0 in Casing: Diameter NA Length NA Type NA  
 Drill Co. Cascade Drilling Method Sonic Sand Pack NA  
 Driller Greg Smith Driller Reg. # WD-1210 Log By R. Malcomson  
 Start Date 5/5/2023 Completion Date 5/6/2023 Checked By S. Varsa

## COMMENTS

On 5/1/2023, groundwater elevation at MW-45 was 5557.95 ft.

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

| Depth (ft) | PID (ppm)                              | % Recovery | Blow Count Recovery | Graphic Log | USCS           | Description<br>(Color, Moisture, Texture, Structure, Odor)<br>Geologic Descriptions are Based on the USCS.                                                                                                      | Elevation (ft) |
|------------|----------------------------------------|------------|---------------------|-------------|----------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|
| 0          |                                        |            |                     |             |                | 0-10' hydro-vacuumed. Sand, brown, loose, dry, fine to medium-grained.                                                                                                                                          | 5638.63        |
| 5          |                                        | 100%       |                     |             | SP             |                                                                                                                                                                                                                 | 5635           |
| 10         | 1.2<br>1.0<br>1.1<br>1.1<br>1.2<br>NM  | 100%       |                     |             | SC<br>SM       | Sand, clayey/silty, tan, medium dense, dry, no odor.                                                                                                                                                            | 5630           |
| 15         | 0.6<br>7.3*                            |            |                     |             |                |                                                                                                                                                                                                                 | 5625           |
| 20         | 0.6<br>0.3<br>0.6<br>0.4<br>0.5<br>0.6 |            |                     |             | SC             | *SB-06 @ 18'<br>Sand, clayey, gray-brown, dense, dry, fine to medium-grained.                                                                                                                                   | 5620           |
| 25         | 1.1<br>1.9<br>0.1<br>0.1<br>0.2<br>0.2 | 100%       |                     |             |                |                                                                                                                                                                                                                 | 5615           |
| 30         | 5.8*<br>0.1<br>1.2<br>0.2<br>0.2       |            |                     |             | SC<br>CL       | *SB-06 @ 30'                                                                                                                                                                                                    | 5610           |
| 35         | 1.1<br>0.0<br>0.0<br>0.0<br>0.1<br>1.0 | 100%       |                     |             | CL<br>SC<br>SC | Clay, sandy, gray-brown, stiff, dry.<br>Sand, clayey, gray-brown, loose to medium dense, dry, fine-grained.<br>Sand, clayey and less clayey with depth, brown and gray-brown, dry, fine-grained, minor caliche. | 5605<br>5600   |
| 40         |                                        |            |                     |             |                |                                                                                                                                                                                                                 |                |

Continued Next Page



## Drilling Log

Soil Boring **SB-06**

Page: 2 of 2

Project Blanco Gas Plant - North Flare Pit (Kutz Hydrocarbon Area) Owner El Paso CGP CompanyLocation Bloomfield, New Mexico Project Number 193709458

| Depth<br>(ft) | PID<br>(ppm) | % Recovery | Blow Count<br>Recovery | Graphic<br>Log | USCS | Description<br>(Color, Moisture, Texture, Structure, Odor)<br>Geologic Descriptions are Based on the USCS.                                                         | Elevation<br>(ft) |
|---------------|--------------|------------|------------------------|----------------|------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|
| 40            |              |            |                        |                |      | <i>Continued</i>                                                                                                                                                   |                   |
| 0.1           |              |            |                        |                | SC   |                                                                                                                                                                    |                   |
| 0.3           |              |            |                        |                |      |                                                                                                                                                                    |                   |
| 2.7           |              |            |                        |                | CH   | Clay, trace fine-grained sand, brown, soft to stiff, high plasticity.                                                                                              |                   |
| 1.1           |              |            |                        |                |      |                                                                                                                                                                    |                   |
| 0.7           |              |            |                        |                | SC   | Sand, clayey, brown, loose, dry, fine to medium-grained.                                                                                                           | 5595              |
| 45            |              | 100%       |                        |                |      |                                                                                                                                                                    |                   |
| 0.1           |              |            |                        |                |      | Clay, sandy, dark olive-brown, minor black, stiff to hard, dry, blocky, minor gypsum or calcite.                                                                   |                   |
| 2.0           |              |            |                        |                |      |                                                                                                                                                                    |                   |
| 0.6           |              |            |                        |                | CL   |                                                                                                                                                                    | 5590              |
| 0.6           |              |            |                        |                |      |                                                                                                                                                                    |                   |
| 50            |              |            |                        |                |      |                                                                                                                                                                    |                   |
| 0.5           |              |            |                        |                |      | Clay, dark gray, stiff to hard, dry, non-plastic, few very thin coal seams.                                                                                        |                   |
| 62.6          |              |            |                        |                | CL   |                                                                                                                                                                    |                   |
| 31.3          |              |            |                        |                |      | Clay, sandy, gray/dark brown clay, yellow-brown sand, stiff to very hard from 54.5-55', dry, non-plastic.                                                          | 5585              |
| 361           |              |            |                        |                |      |                                                                                                                                                                    |                   |
| 42.9          |              |            |                        |                | CL   |                                                                                                                                                                    |                   |
| 379           |              |            |                        |                |      | Clay, brown and dark brown, sandy, stiff, dry, non-plastic.                                                                                                        |                   |
| 55            |              | 100%       |                        |                |      |                                                                                                                                                                    |                   |
| 175           |              |            |                        |                |      |                                                                                                                                                                    |                   |
| 771           |              |            |                        |                | CL   | *SB-06 @ 58'                                                                                                                                                       | 5580              |
| 1114*         |              |            |                        |                |      |                                                                                                                                                                    |                   |
| 182           |              |            |                        |                |      | Shale, dark gray and brown, becomes yellow-gray and sandy from 63-64', hard, strongly cemented, dry, fissile, waxy appearance on fracture planes, no obvious odor. |                   |
| 60            |              |            |                        |                |      |                                                                                                                                                                    |                   |
| 463           |              |            |                        |                |      |                                                                                                                                                                    |                   |
| 58.7          |              |            |                        |                |      |                                                                                                                                                                    |                   |
| 54.2          |              |            |                        |                | CL   |                                                                                                                                                                    | 5575              |
| 114           |              |            |                        |                |      |                                                                                                                                                                    |                   |
| 57.7          |              |            |                        |                |      |                                                                                                                                                                    |                   |
| 65            |              | 100%       |                        |                |      |                                                                                                                                                                    |                   |
| 19.3          |              |            |                        |                |      |                                                                                                                                                                    |                   |
| 3.1           |              |            |                        |                |      |                                                                                                                                                                    |                   |
| 7.8           |              |            |                        |                |      |                                                                                                                                                                    |                   |
| 39.7          |              |            |                        |                |      |                                                                                                                                                                    |                   |
| 610*          |              |            |                        |                | SW   | Weathered sandstone, dark gray, black, and rust colored; weakly to strongly cemented, moist, fine to medium-grained, odor.                                         | 5570              |
| 70            |              |            |                        |                |      |                                                                                                                                                                    |                   |
| 33.6          |              |            |                        |                | SW   | *SB-06 @ 69'                                                                                                                                                       |                   |
| 53.2          |              | 100%       |                        |                |      | Sandstone, gray, strongly cemented, dry.                                                                                                                           |                   |
| 21.3          |              |            |                        |                |      |                                                                                                                                                                    |                   |
|               |              |            |                        |                |      | End of boring = 71.5'.                                                                                                                                             | 5565              |
| 75            |              |            |                        |                |      |                                                                                                                                                                    |                   |
|               |              |            |                        |                |      |                                                                                                                                                                    | 5560              |
| 80            |              |            |                        |                |      |                                                                                                                                                                    |                   |
|               |              |            |                        |                |      |                                                                                                                                                                    | 5555              |
| 85            |              |            |                        |                |      |                                                                                                                                                                    |                   |
|               |              |            |                        |                |      |                                                                                                                                                                    | 5550              |
| 90            |              |            |                        |                |      |                                                                                                                                                                    |                   |

Drilling Log BLANCO NEP.GPJ MWH JA.GDT 10/19/23





## Drilling Log

Soil Boring SB-07

Page: 1 of 2

Project Blanco Gas Plant - North Flare Pit (Kutz Hydrocarbon Area) Owner El Paso CGP Company  
 Location Bloomfield, New Mexico Project Number 193709458  
 Surface Elev. 5638.04 ft North 2086962.76 East 2686300.86  
 Top of Casing NA Water Level Initial ▼ Dry 5/5/2023 Static ▼  
 Hole Depth 75.0 ft Screen: Diameter NA Length NA Type/Size NA  
 Hole Diameter 6.0 in Casing: Diameter NA Length NA Type NA  
 Drill Co. Cascade Drilling Method Sonic Sand Pack NA  
 Driller Greg Smith Driller Reg. # WD-1210 Log By R. Malcomson  
 Start Date 5/5/2023 Completion Date 5/5/2023 Checked By S. Varsa

## COMMENTS

On 5/1/2023, groundwater elevation at MW-45 was 5557.95 ft.

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

| Depth (ft) | PID (ppm)                                                     | % Recovery | Blow Count Recovery | Graphic Log | USCS                             | Description<br>(Color, Moisture, Texture, Structure, Odor)<br>Geologic Descriptions are Based on the USCS.                                                                             | Elevation (ft) |
|------------|---------------------------------------------------------------|------------|---------------------|-------------|----------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|
| 0          |                                                               |            |                     |             |                                  | 0-10' hydro-vacuumed.                                                                                                                                                                  | 5638.04        |
| 5          |                                                               | 100%       |                     |             |                                  |                                                                                                                                                                                        | 5635           |
| 10         | NM<br>NM<br>0.0<br>0.0                                        |            |                     |             | CL                               | Clay, sandy, red-brown, soft.                                                                                                                                                          | 5630           |
| 15         | 2.2<br>0.0<br>0.0<br>0.0                                      | 100%       |                     |             | CL<br>SC<br>SM                   | Clay, gray-brown, soft, dry, low plasticity.<br>Sand, clayey, silty, brown, loose to medium dense, dry, fine-grained, caliche.                                                         | 5625           |
| 20         | 6.7*<br>1.1<br>2.8<br>4.0<br>5.2<br>0.0                       |            |                     |             | SC<br>SM                         | Sand, clayey, silty, tan, loose, dry, fine-grained.<br>*SB-07 @ 19'                                                                                                                    | 5620           |
| 25         | 0.0<br>1.5<br>11.0<br>6.2<br>31.0*                            | 100%       |                     |             | SM<br>SC<br>SM                   | Sand, silty, gray-brown, dry, fine-grained.<br>Sand, clayey, silty, tan, loose, dry, fine-grained.<br>Sand, clayey, gray-tan, medium dense, dry, fine-grained.                         | 5615           |
| 30         | 0.0<br>0.0<br>0.0<br>0.2<br>1.4<br>7.4<br>19.1<br>11.3<br>151 |            |                     |             | SC<br>CL<br>SM<br>CL<br>SC<br>SM | *SB-07 @ 29'<br>Sand, clayey, gray-brown, dense, dry, fine-grained.<br>Clay, sandy, brown, medium stiff, low plasticity, minor caliche.<br>Sand, silty, tan, loose, dry, fine-grained. | 5610           |
| 35         |                                                               | 100%       |                     |             |                                  | Clay, gray-dark brown, stiff to hard, dry.                                                                                                                                             | 5605           |
| 40         |                                                               |            |                     |             | SC<br>SM                         | Sand, clayey, gray-brown, dry, fine-grained.                                                                                                                                           | 5600           |

Continued Next Page



## Drilling Log

Soil Boring **SB-07**

Page: 2 of 2

Project Blanco Gas Plant - North Flare Pit (Kutz Hydrocarbon Area) Owner El Paso CGP CompanyLocation Bloomfield, New Mexico Project Number 193709458

| Depth<br>(ft) | PID<br>(ppm)                                                      | % Recovery | Blow Count<br>Recovery | Graphic<br>Log | USCS     | Description<br>(Color, Moisture, Texture, Structure, Odor)<br>Geologic Descriptions are Based on the USCS.                                                     | Elevation<br>(ft) |
|---------------|-------------------------------------------------------------------|------------|------------------------|----------------|----------|----------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|
| 40            | 111<br>501*                                                       |            |                        |                |          | <i>Continued</i>                                                                                                                                               |                   |
| 45            | 188<br>391<br>18.1<br>4.9<br>14.6<br>15.8<br>19.0<br>153          | 100%       |                        |                | SM       | Sand, silty, some interbedded clay, tan, dark gray-brown clay, loose, dry, fine-grained, odor.<br>*SB-07 @ 42'                                                 | 5595              |
| 50            | 774*                                                              |            |                        |                | CL       | Clay, brown to gray-brown, soft to medium stiff, moist ,                                                                                                       | 5590              |
| 55            | 339<br>97.9<br>131<br>20.3<br>94.1<br>183<br>32.1<br>63.7<br>502  | 100%       |                        |                | SC<br>SM | Sand, clayey, silty, tan, loose, dry, odor, minor gypsum.<br>*SB-07 @ 51'                                                                                      | 5585              |
| 60            | 2411*                                                             |            |                        |                | CL       | Clay, sandy, gray-brown, medium stiff, dry.                                                                                                                    | 5580              |
| 65            | 1632<br>748<br>754<br>1780<br>1956<br>738<br>1839<br>1474<br>1764 | 100%       |                        |                | CL       | Clay, sandy, gray-brown, hard, dry, minor gypsum.                                                                                                              | 5575              |
| 70            | 750<br>84.8<br>2.8<br>3.3<br>6.4                                  | 100%       |                        |                | CL       | Clay, some sand, gray-brown, hard to very hard, minor gypsum.<br>*SB-07 @ 61'                                                                                  | 5570              |
| 75            |                                                                   |            |                        |                | SC       | Clay, some fine sand, gray and yellow-brown, hard, dry, moderate plasticity, odor.                                                                             | 5565              |
| 80            |                                                                   |            |                        |                | SW       | Sand, clayey, gray, loose to medium dense, dry, fine-grained, odor.                                                                                            | 5560              |
| 85            |                                                                   |            |                        |                |          | Sandstone, gray becoming yellow tan-brown with depth, hard, dry, moderately to strongly cemented, fine to coarse-grained, thinly laminated limestone at 73.5'. | 5555              |
| 90            |                                                                   |            |                        |                |          | End of boring = 75'.                                                                                                                                           | 5550              |
|               |                                                                   |            |                        |                |          |                                                                                                                                                                | 5545              |

Drilling Log BLANCO NEP.GPJ MWH JA.GDT 10/19/23



## Drilling Log

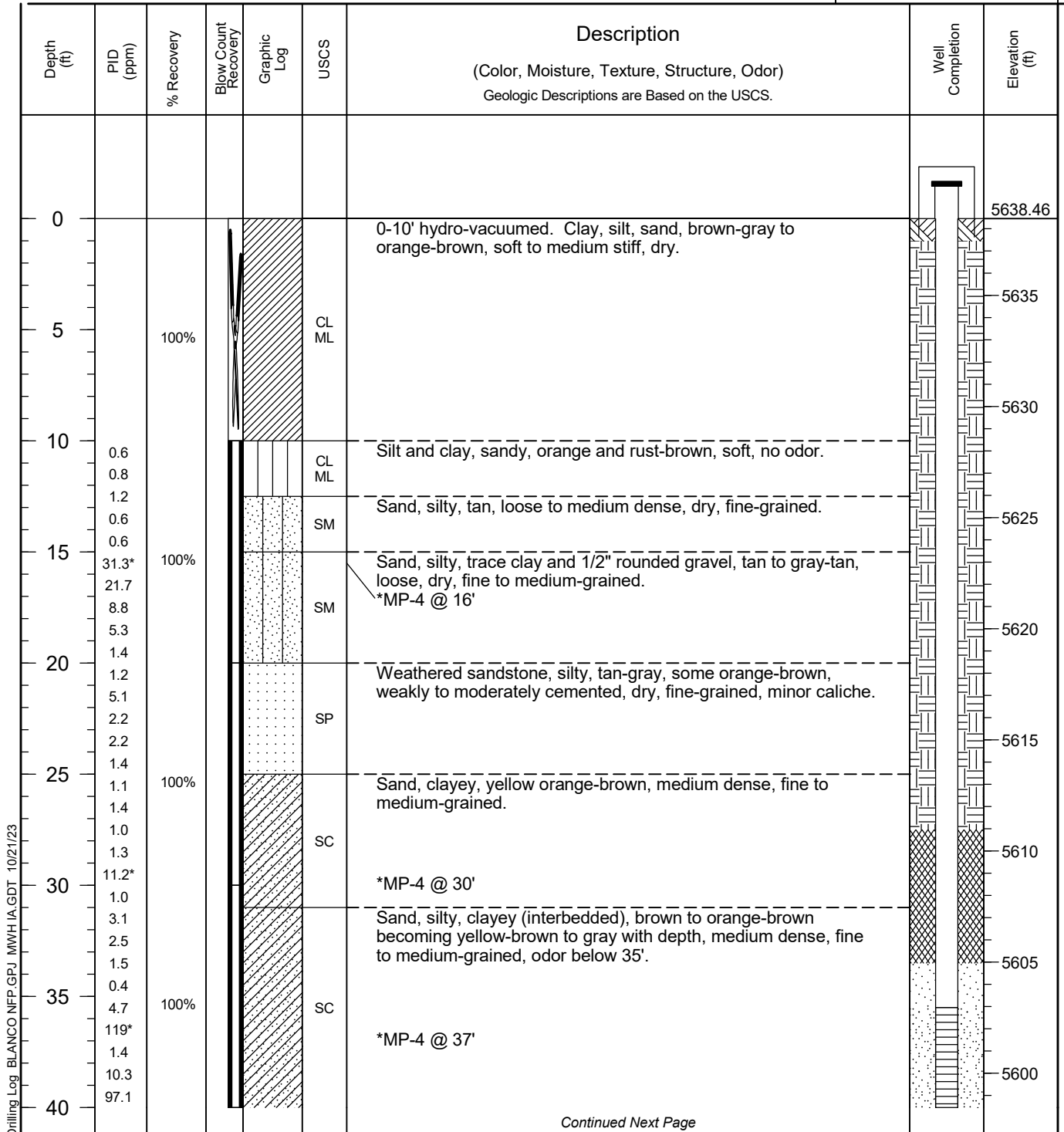
Monitoring Well **SB-08/MP-4**

Page: 1 of 2

Project Blanco Gas Plant - North Flare Pit (Kutz Hydrocarbon Area) Owner El Paso CGP Company  
 Location Bloomfield, New Mexico Project Number 193709458  
 Surface Elev. 5638.46 ft North 2086989.73 East 2686221.52  
 Top of Casing 5640.98 ft Water Level Initial ▼ Static ▼  
 Hole Depth 70.0 ft Screen: Diameter 2 in Length 20.0 ft Type/Size SCH 40 PVC/0.01 in  
 Hole Diameter 6.0 in Casing: Diameter 2 in Length 36.0 ft Type SCH 40 PVC  
 Drill Co. Cascade Drilling Method Sonic Sand Pack Gillibrand 10/20  
 Driller Greg Smith Driller Reg. # WD-1210 Log By R. Malcomson  
 Start Date 5/4/2023 Completion Date 5/10/2023 Checked By S. Varsa

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

COMMENTS  
 On 5/10/2023, SB-08/MP-4 was dry.





## Drilling Log

Monitoring Well **SB-08/MP-4**

Page: 2 of 2

Project Blanco Gas Plant - North Flare Pit (Kutz Hydrocarbon Area) Owner El Paso CGP CompanyLocation Bloomfield, New MexicoProject Number 193709458

| Depth<br>(ft) | PID<br>(ppm) | % Recovery | Blow Count<br>Recovery | Graphic<br>Log | USCS | Description<br>(Color, Moisture, Texture, Structure, Odor)<br>Geologic Descriptions are Based on the USCS. | Well<br>Completion | Elevation<br>(ft) |
|---------------|--------------|------------|------------------------|----------------|------|------------------------------------------------------------------------------------------------------------|--------------------|-------------------|
| 40            | 23.3         |            |                        |                |      | <i>Continued</i>                                                                                           |                    |                   |
| 504           | 504          |            |                        |                | SC   | Sand, clayey, gray, medium dense, fine-grained, odor, staining.                                            |                    |                   |
| 258           | 258          |            |                        |                | SC   |                                                                                                            |                    |                   |
| 1407*         | 1407*        |            |                        |                |      | *MP-4 @ 44'                                                                                                |                    | 5595              |
| 710           | 710          |            |                        |                | SP   | Sand, clayey, gray, loose, dry, fine-grained, odor, staining.                                              |                    |                   |
| 541           | 541          | 100%       |                        |                | SC   | Clay, medium gray, medium stiff, moist, odor.                                                              |                    |                   |
| 344           | 344          |            |                        |                | CL   |                                                                                                            |                    |                   |
| 1035          | 1035         |            |                        |                | CH   | Sand, clayey, gray, medium dense, odor, fine-grained.                                                      |                    |                   |
| 692           | 692          |            |                        |                | SC   |                                                                                                            |                    | 5590              |
| 2665          | 2665         |            |                        |                |      |                                                                                                            |                    |                   |
| 445           | 445          |            |                        |                |      | Clay to weathered shale, sandy to very sandy from 54-55', medium gray, stiff, low plasticity.              |                    |                   |
| 2912          | 2912         |            |                        |                | CL   |                                                                                                            |                    | 5585              |
| 2660          | 2660         |            |                        |                |      |                                                                                                            |                    |                   |
| 3004          | 3004         |            |                        |                |      |                                                                                                            |                    |                   |
| 3295*         | 3295*        |            |                        |                |      | *MP-4 @ 55'                                                                                                |                    |                   |
| 166           | 166          | 100%       |                        |                |      | Weathered shale to clay, some sand, brown and dark brown, medium stiff, dry, odor, blocky, thinly bedded.  |                    |                   |
| 739           | 739          |            |                        |                | CL   |                                                                                                            |                    | 5580              |
| 496           | 496          |            |                        |                |      |                                                                                                            |                    |                   |
| 288           | 288          |            |                        |                |      |                                                                                                            |                    |                   |
| 72.2          | 72.2         |            |                        |                |      |                                                                                                            |                    |                   |
| 1163          | 1163         |            |                        |                | CL   | Clay to weathered shale, dark brown to brown, medium stiff, dry, odor, non-bedded.                         |                    |                   |
| 1505          | 1505         |            |                        |                |      |                                                                                                            |                    |                   |
| 491           | 491          |            |                        |                |      | Weathered sandstone, gray, strongly cemented, dry, thinly bedded.                                          |                    | 5575              |
| 140           | 140          |            |                        |                | SW   |                                                                                                            |                    |                   |
| 32.6          | 32.6         |            |                        |                |      |                                                                                                            |                    |                   |
| 282           | 282          | 100%       |                        |                |      | Sandstone, gray, moderately to strongly cemented, dry, very thinly bedded, fine to medium-grained.         |                    |                   |
| 211           | 211          |            |                        |                |      |                                                                                                            |                    |                   |
| 90.0          | 90.0         |            |                        |                | SW   |                                                                                                            |                    | 5570              |
| 152           | 152          |            |                        |                |      |                                                                                                            |                    |                   |
| 37.2          | 37.2         |            |                        |                |      |                                                                                                            |                    |                   |
| 70            |              |            |                        |                |      | End of boring = 70'. Well set at 56'.                                                                      |                    | 5565              |
| 75            |              |            |                        |                |      |                                                                                                            |                    | 5560              |
| 80            |              |            |                        |                |      |                                                                                                            |                    | 5555              |
| 85            |              |            |                        |                |      |                                                                                                            |                    | 5550              |
| 90            |              |            |                        |                |      |                                                                                                            |                    |                   |

Drilling Log BLANCO NEP.GPJ MWH JA.GDT 10/21/23



# APPENDIX E

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 7/12/2023 8:48:56 AM Revision 1

## JOB DESCRIPTION

Blanco North Flare Pit

## JOB NUMBER

400-237952-1

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.

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## Authorization



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

Client: Stantec Consulting Services Inc  
Project/Site: Blanco North Flare Pit

Laboratory Job ID: 400-237952-1

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## Case Narrative

Client: Stantec Consulting Services Inc  
Project/Site: Blanco North Flare Pit

Job ID: 400-237952-1

### Job ID: 400-237952-1

#### Laboratory: Eurofins Pensacola

#### Narrative

#### Job Narrative 400-237952-1

#### Comments

No additional comments.

#### Receipt

The samples were received on 5/19/2023 9:09 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 3.8° C.

#### GC/MS VOA

Method 8260D: The matrix spike duplicate (MSD) recovery for analytical batch 400-626374 was outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

Method 8260D: The matrix spike / matrix spike duplicate (MS/MSD) precision for analytical batch 400-626374 was outside control limits. Sample matrix interference is suspected.

Method 8260D: The following samples were diluted to bring the concentration of target analytes within the calibration range: MW-59 (400-237952-4), MW-23 (400-237952-5) and MW-51 (400-237952-7). Elevated reporting limits (RLs) are provided.

Method 8260D: The matrix spike (MS) recoveries for analytical batch 400-626453 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: The following samples were diluted due to conductivity: DUP-01 (400-237952-2), MW-58 (400-237952-3), MW-58 (400-237952-3[MSJ]), MW-58 (400-237952-3[MSD]), MW-59 (400-237952-4), MW-23 (400-237952-5), MW-4S (400-237952-6) and MW-51 (400-237952-7). Elevated reporting limits (RL) are provided.

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

#### VOA Prep

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

## Detection Summary

Client: Stantec Consulting Services Inc  
Project/Site: Blanco North Flare Pit

Job ID: 400-237952-1

## Client Sample ID: TRIP BLANK

## Lab Sample ID: 400-237952-1

No Detections.

## Client Sample ID: DUP-01

## Lab Sample ID: 400-237952-2

| Analyte | Result | Qualifier | RL  | MDL | Unit | Dil Fac | D | Method | Prep Type |
|---------|--------|-----------|-----|-----|------|---------|---|--------|-----------|
| Benzene | 83     |           | 1.0 |     | ug/L | 1       |   | 8260D  | Total/NA  |
| Toluene | 1.9    |           | 1.0 |     | ug/L | 1       |   | 8260D  | Total/NA  |

## Client Sample ID: MW-58

## Lab Sample ID: 400-237952-3

| Analyte        | Result | Qualifier | RL  | MDL | Unit | Dil Fac | D | Method | Prep Type |
|----------------|--------|-----------|-----|-----|------|---------|---|--------|-----------|
| Benzene        | 4100   | F1        | 50  |     | ug/L | 50      |   | 8260D  | Total/NA  |
| Toluene        | 4900   | F1        | 50  |     | ug/L | 50      |   | 8260D  | Total/NA  |
| Ethylbenzene   | 310    |           | 50  |     | ug/L | 50      |   | 8260D  | Total/NA  |
| Xylenes, Total | 3300   |           | 500 |     | ug/L | 50      |   | 8260D  | Total/NA  |

## Client Sample ID: MW-59

## Lab Sample ID: 400-237952-4

| Analyte        | Result | Qualifier | RL  | MDL | Unit | Dil Fac | D | Method | Prep Type |
|----------------|--------|-----------|-----|-----|------|---------|---|--------|-----------|
| Benzene        | 490    |           | 5.0 |     | ug/L | 5       |   | 8260D  | Total/NA  |
| Toluene        | 530    |           | 5.0 |     | ug/L | 5       |   | 8260D  | Total/NA  |
| Ethylbenzene   | 5.7    |           | 5.0 |     | ug/L | 5       |   | 8260D  | Total/NA  |
| Xylenes, Total | 100    |           | 50  |     | ug/L | 5       |   | 8260D  | Total/NA  |

## Client Sample ID: MW-23

## Lab Sample ID: 400-237952-5

| Analyte | Result | Qualifier | RL  | MDL | Unit | Dil Fac | D | Method | Prep Type |
|---------|--------|-----------|-----|-----|------|---------|---|--------|-----------|
| Benzene | 8500   |           | 100 |     | ug/L | 100     |   | 8260D  | Total/NA  |

## Client Sample ID: MW-45

## Lab Sample ID: 400-237952-6

| Analyte      | Result | Qualifier | RL  | MDL | Unit | Dil Fac | D | Method | Prep Type |
|--------------|--------|-----------|-----|-----|------|---------|---|--------|-----------|
| Benzene      | 120    |           | 1.0 |     | ug/L | 1       |   | 8260D  | Total/NA  |
| Toluene      | 2.7    |           | 1.0 |     | ug/L | 1       |   | 8260D  | Total/NA  |
| Ethylbenzene | 1.4    |           | 1.0 |     | ug/L | 1       |   | 8260D  | Total/NA  |

## Client Sample ID: MW-51

## Lab Sample ID: 400-237952-7

| Analyte      | Result | Qualifier | RL  | MDL | Unit | Dil Fac | D | Method | Prep Type |
|--------------|--------|-----------|-----|-----|------|---------|---|--------|-----------|
| Benzene      | 530    |           | 5.0 |     | ug/L | 5       |   | 8260D  | Total/NA  |
| Ethylbenzene | 6.5    |           | 5.0 |     | ug/L | 5       |   | 8260D  | Total/NA  |

This Detection Summary does not include radiochemical test results.

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Method Summary

Client: Stantec Consulting Services Inc  
Project/Site: Blanco North Flare Pit

Job ID: 400-237952-1

| Method | Method Description                  | Protocol | Laboratory |
|--------|-------------------------------------|----------|------------|
| 8260D  | Volatile Organic Compounds by GC/MS | SW846    | EET PEN    |
| 300.0  | Anions, Ion Chromatography          | EPA      | EET PEN    |
| 5030C  | Purge and Trap                      | SW846    | EET PEN    |

Protocol References:

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

Laboratory References:

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

Sample Summary

Client: Stantec Consulting Services Inc  
Project/Site: Blanco North Flare Pit

Job ID: 400-237952-1

| Lab Sample ID | Client Sample ID | Matrix | Collected      | Received       |
|---------------|------------------|--------|----------------|----------------|
| 400-237952-1  | TRIP BLANK       | Water  | 05/18/23 14:00 | 05/19/23 09:09 |
| 400-237952-2  | DUP-01           | Water  | 05/18/23 14:05 | 05/19/23 09:09 |
| 400-237952-3  | MW-58            | Water  | 05/18/23 14:15 | 05/19/23 09:09 |
| 400-237952-4  | MW-59            | Water  | 05/18/23 15:00 | 05/19/23 09:09 |
| 400-237952-5  | MW-23            | Water  | 05/18/23 15:35 | 05/19/23 09:09 |
| 400-237952-6  | MW-45            | Water  | 05/18/23 15:20 | 05/19/23 09:09 |
| 400-237952-7  | MW-51            | Water  | 05/18/23 15:50 | 05/19/23 09:09 |



Client Sample Results

Client: Stantec Consulting Services Inc  
Project/Site: Blanco North Flare Pit

Job ID: 400-237952-1

Client Sample ID: TRIP BLANK  
Date Collected: 05/18/23 14:00  
Date Received: 05/19/23 09:09

Lab Sample ID: 400-237952-1  
Matrix: Water

| Method: SW846 8260D - Volatile Organic Compounds by GC/MS |           |           |          |     |      |   |          |                |         |
|-----------------------------------------------------------|-----------|-----------|----------|-----|------|---|----------|----------------|---------|
| Analyte                                                   | Result    | Qualifier | RL       | MDL | Unit | D | Prepared | Analyzed       | Dil Fac |
| Benzene                                                   | <1.0      |           | 1.0      |     | ug/L |   |          | 05/31/23 19:14 | 1       |
| Toluene                                                   | <1.0      |           | 1.0      |     | ug/L |   |          | 05/31/23 19:14 | 1       |
| Ethylbenzene                                              | <1.0      |           | 1.0      |     | ug/L |   |          | 05/31/23 19:14 | 1       |
| Xylenes, Total                                            | <10       |           | 10       |     | ug/L |   |          | 05/31/23 19:14 | 1       |
| Surrogate                                                 | %Recovery | Qualifier | Limits   |     |      |   | Prepared | Analyzed       | Dil Fac |
| Toluene-d8 (Surr)                                         | 93        |           | 64 - 132 |     |      |   |          | 05/31/23 19:14 | 1       |
| Dibromofluoromethane                                      | 107       |           | 75 - 126 |     |      |   |          | 05/31/23 19:14 | 1       |
| 4-Bromofluorobenzene                                      | 97        |           | 72 - 130 |     |      |   |          | 05/31/23 19:14 | 1       |

## Client Sample Results

Client: Stantec Consulting Services Inc  
Project/Site: Blanco North Flare Pit

Job ID: 400-237952-1

Client Sample ID: DUP-01

Lab Sample ID: 400-237952-2

Date Collected: 05/18/23 14:05

Matrix: Water

Date Received: 05/19/23 09:09

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

| Analyte        | Result | Qualifier | RL  | MDL | Unit | D | Prepared | Analyzed       | Dil Fac |
|----------------|--------|-----------|-----|-----|------|---|----------|----------------|---------|
| Benzene        | 83     |           | 1.0 |     | ug/L |   |          | 05/31/23 22:31 | 1       |
| Toluene        | 1.9    |           | 1.0 |     | ug/L |   |          | 05/31/23 22:31 | 1       |
| Ethylbenzene   | <1.0   |           | 1.0 |     | ug/L |   |          | 05/31/23 22:31 | 1       |
| Xylenes, Total | <10    |           | 10  |     | ug/L |   |          | 05/31/23 22:31 | 1       |

| Surrogate            | %Recovery | Qualifier | Limits   | Prepared | Analyzed       | Dil Fac |
|----------------------|-----------|-----------|----------|----------|----------------|---------|
| Toluene-d8 (Surr)    | 93        |           | 64 - 132 |          | 05/31/23 22:31 | 1       |
| Dibromofluoromethane | 110       |           | 75 - 126 |          | 05/31/23 22:31 | 1       |
| 4-Bromofluorobenzene | 97        |           | 72 - 130 |          | 05/31/23 22:31 | 1       |

## Method: EPA 300.0 - Anions, Ion Chromatography

| Analyte              | Result | Qualifier | RL  | MDL | Unit | D | Prepared | Analyzed       | Dil Fac |
|----------------------|--------|-----------|-----|-----|------|---|----------|----------------|---------|
| Nitrate as N         | <1.0   |           | 1.0 |     | mg/L |   |          | 05/19/23 16:36 | 10      |
| Nitrite as N         | <1.0   |           | 1.0 |     | mg/L |   |          | 05/19/23 16:36 | 10      |
| Nitrate Nitrite as N | <1.0   |           | 1.0 |     | mg/L |   |          | 05/19/23 16:36 | 10      |

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## Client Sample Results

Client: Stantec Consulting Services Inc  
Project/Site: Blanco North Flare Pit

Job ID: 400-237952-1

Client Sample ID: MW-58

Lab Sample ID: 400-237952-3

Date Collected: 05/18/23 14:15

Matrix: Water

Date Received: 05/19/23 09:09

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

| Analyte        | Result | Qualifier | RL  | MDL | Unit | D | Prepared | Analyzed       | Dil Fac |
|----------------|--------|-----------|-----|-----|------|---|----------|----------------|---------|
| Benzene        | 4100   | F1        | 50  |     | ug/L |   |          | 05/25/23 15:28 | 50      |
| Toluene        | 4900   | F1        | 50  |     | ug/L |   |          | 05/25/23 15:28 | 50      |
| Ethylbenzene   | 310    |           | 50  |     | ug/L |   |          | 05/25/23 15:28 | 50      |
| Xylenes, Total | 3300   |           | 500 |     | ug/L |   |          | 05/25/23 15:28 | 50      |

| Surrogate            | %Recovery | Qualifier | Limits   |  |  |  | Prepared | Analyzed       | Dil Fac |
|----------------------|-----------|-----------|----------|--|--|--|----------|----------------|---------|
| Toluene-d8 (Surr)    | 101       |           | 64 - 132 |  |  |  |          | 05/25/23 15:28 | 50      |
| Dibromofluoromethane | 101       |           | 75 - 126 |  |  |  |          | 05/25/23 15:28 | 50      |
| 4-Bromofluorobenzene | 107       |           | 72 - 130 |  |  |  |          | 05/25/23 15:28 | 50      |

## Method: EPA 300.0 - Anions, Ion Chromatography

| Analyte              | Result | Qualifier | RL  | MDL | Unit | D | Prepared | Analyzed       | Dil Fac |
|----------------------|--------|-----------|-----|-----|------|---|----------|----------------|---------|
| Nitrate as N         | <1.0   |           | 1.0 |     | mg/L |   |          | 05/19/23 15:37 | 10      |
| Nitrite as N         | <1.0   |           | 1.0 |     | mg/L |   |          | 05/19/23 15:37 | 10      |
| Nitrate Nitrite as N | <1.0   |           | 1.0 |     | mg/L |   |          | 05/19/23 15:37 | 10      |

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Client Sample Results

Client: Stantec Consulting Services Inc  
Project/Site: Blanco North Flare Pit

Job ID: 400-237952-1

Client Sample ID: MW-59  
Date Collected: 05/18/23 15:00  
Date Received: 05/19/23 09:09

Lab Sample ID: 400-237952-4  
Matrix: Water

|                                                           |           |           |          |     |      |   |          |                |         |
|-----------------------------------------------------------|-----------|-----------|----------|-----|------|---|----------|----------------|---------|
| Method: SW846 8260D - Volatile Organic Compounds by GC/MS |           |           |          |     |      |   |          |                |         |
| Analyte                                                   | Result    | Qualifier | RL       | MDL | Unit | D | Prepared | Analyzed       | Dil Fac |
| Benzene                                                   | 490       |           | 5.0      |     | ug/L |   |          | 06/01/23 18:01 | 5       |
| Toluene                                                   | 530       |           | 5.0      |     | ug/L |   |          | 06/01/23 18:01 | 5       |
| Ethylbenzene                                              | 5.7       |           | 5.0      |     | ug/L |   |          | 06/01/23 18:01 | 5       |
| Xylenes, Total                                            | 100       |           | 50       |     | ug/L |   |          | 06/01/23 18:01 | 5       |
| Surrogate                                                 | %Recovery | Qualifier | Limits   |     |      |   | Prepared | Analyzed       | Dil Fac |
| Toluene-d8 (Surr)                                         | 104       |           | 64 - 132 |     |      |   |          | 06/01/23 18:01 | 5       |
| Dibromofluoromethane                                      | 104       |           | 75 - 126 |     |      |   |          | 06/01/23 18:01 | 5       |
| 4-Bromofluorobenzene                                      | 108       |           | 72 - 130 |     |      |   |          | 06/01/23 18:01 | 5       |
| Method: EPA 300.0 - Anions, Ion Chromatography            |           |           |          |     |      |   |          |                |         |
| Analyte                                                   | Result    | Qualifier | RL       | MDL | Unit | D | Prepared | Analyzed       | Dil Fac |
| Nitrate as N                                              | <1.0      |           | 1.0      |     | mg/L |   |          | 05/19/23 16:56 | 10      |
| Nitrite as N                                              | <1.0      |           | 1.0      |     | mg/L |   |          | 05/19/23 16:56 | 10      |
| Nitrate Nitrite as N                                      | <1.0      |           | 1.0      |     | mg/L |   |          | 05/19/23 16:56 | 10      |



## Client Sample Results

Client: Stantec Consulting Services Inc  
Project/Site: Blanco North Flare Pit

Job ID: 400-237952-1

Client Sample ID: MW-23

Lab Sample ID: 400-237952-5

Date Collected: 05/18/23 15:35

Matrix: Water

Date Received: 05/19/23 09:09

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

| Analyte        | Result | Qualifier | RL   | MDL | Unit | D | Prepared | Analyzed       | Dil Fac |
|----------------|--------|-----------|------|-----|------|---|----------|----------------|---------|
| Benzene        | 8500   |           | 100  |     | ug/L |   |          | 05/25/23 00:42 | 100     |
| Toluene        | <100   |           | 100  |     | ug/L |   |          | 05/25/23 00:42 | 100     |
| Ethylbenzene   | <100   |           | 100  |     | ug/L |   |          | 05/25/23 00:42 | 100     |
| Xylenes, Total | <1000  |           | 1000 |     | ug/L |   |          | 05/25/23 00:42 | 100     |

| Surrogate            | %Recovery | Qualifier | Limits   |  |  |  | Prepared | Analyzed       | Dil Fac |
|----------------------|-----------|-----------|----------|--|--|--|----------|----------------|---------|
| Toluene-d8 (Surr)    | 96        |           | 64 - 132 |  |  |  |          | 05/25/23 00:42 | 100     |
| Dibromofluoromethane | 109       |           | 75 - 126 |  |  |  |          | 05/25/23 00:42 | 100     |
| 4-Bromofluorobenzene | 99        |           | 72 - 130 |  |  |  |          | 05/25/23 00:42 | 100     |

## Method: EPA 300.0 - Anions, Ion Chromatography

| Analyte              | Result | Qualifier | RL  | MDL | Unit | D | Prepared | Analyzed       | Dil Fac |
|----------------------|--------|-----------|-----|-----|------|---|----------|----------------|---------|
| Nitrate as N         | <2.0   |           | 2.0 |     | mg/L |   |          | 05/19/23 17:16 | 20      |
| Nitrite as N         | <2.0   |           | 2.0 |     | mg/L |   |          | 05/19/23 17:16 | 20      |
| Nitrate Nitrite as N | <2.0   |           | 2.0 |     | mg/L |   |          | 05/19/23 17:16 | 20      |

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## Client Sample Results

Client: Stantec Consulting Services Inc  
Project/Site: Blanco North Flare Pit

Job ID: 400-237952-1

Client Sample ID: MW-45

Lab Sample ID: 400-237952-6

Date Collected: 05/18/23 15:20

Matrix: Water

Date Received: 05/19/23 09:09

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

| Analyte        | Result | Qualifier | RL  | MDL | Unit | D | Prepared | Analyzed       | Dil Fac |
|----------------|--------|-----------|-----|-----|------|---|----------|----------------|---------|
| Benzene        | 120    |           | 1.0 |     | ug/L |   |          | 05/31/23 22:50 | 1       |
| Toluene        | 2.7    |           | 1.0 |     | ug/L |   |          | 05/31/23 22:50 | 1       |
| Ethylbenzene   | 1.4    |           | 1.0 |     | ug/L |   |          | 05/31/23 22:50 | 1       |
| Xylenes, Total | <10    |           | 10  |     | ug/L |   |          | 05/31/23 22:50 | 1       |

| Surrogate            | %Recovery | Qualifier | Limits   | Prepared | Analyzed       | Dil Fac |
|----------------------|-----------|-----------|----------|----------|----------------|---------|
| Toluene-d8 (Surr)    | 92        |           | 64 - 132 |          | 05/31/23 22:50 | 1       |
| Dibromofluoromethane | 112       |           | 75 - 126 |          | 05/31/23 22:50 | 1       |
| 4-Bromofluorobenzene | 96        |           | 72 - 130 |          | 05/31/23 22:50 | 1       |

## Method: EPA 300.0 - Anions, Ion Chromatography

| Analyte              | Result | Qualifier | RL  | MDL | Unit | D | Prepared | Analyzed       | Dil Fac |
|----------------------|--------|-----------|-----|-----|------|---|----------|----------------|---------|
| Nitrate as N         | <1.0   |           | 1.0 |     | mg/L |   |          | 05/19/23 17:36 | 10      |
| Nitrite as N         | <1.0   |           | 1.0 |     | mg/L |   |          | 05/19/23 17:36 | 10      |
| Nitrate Nitrite as N | <1.0   |           | 1.0 |     | mg/L |   |          | 05/19/23 17:36 | 10      |

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Client Sample Results

Client: Stantec Consulting Services Inc  
Project/Site: Blanco North Flare Pit

Job ID: 400-237952-1

Client Sample ID: MW-51  
Date Collected: 05/18/23 15:50  
Date Received: 05/19/23 09:09

Lab Sample ID: 400-237952-7  
Matrix: Water

|                                                           |           |           |          |     |      |   |          |                |         |
|-----------------------------------------------------------|-----------|-----------|----------|-----|------|---|----------|----------------|---------|
| Method: SW846 8260D - Volatile Organic Compounds by GC/MS |           |           |          |     |      |   |          |                |         |
| Analyte                                                   | Result    | Qualifier | RL       | MDL | Unit | D | Prepared | Analyzed       | Dil Fac |
| Benzene                                                   | 530       |           | 5.0      |     | ug/L |   |          | 05/25/23 00:23 | 5       |
| Toluene                                                   | <5.0      |           | 5.0      |     | ug/L |   |          | 05/25/23 00:23 | 5       |
| Ethylbenzene                                              | 6.5       |           | 5.0      |     | ug/L |   |          | 05/25/23 00:23 | 5       |
| Xylenes, Total                                            | <50       |           | 50       |     | ug/L |   |          | 05/25/23 00:23 | 5       |
| Surrogate                                                 | %Recovery | Qualifier | Limits   |     |      |   | Prepared | Analyzed       | Dil Fac |
| Toluene-d8 (Surr)                                         | 96        |           | 64 - 132 |     |      |   |          | 05/25/23 00:23 | 5       |
| Dibromofluoromethane                                      | 111       |           | 75 - 126 |     |      |   |          | 05/25/23 00:23 | 5       |
| 4-Bromofluorobenzene                                      | 101       |           | 72 - 130 |     |      |   |          | 05/25/23 00:23 | 5       |
| Method: EPA 300.0 - Anions, Ion Chromatography            |           |           |          |     |      |   |          |                |         |
| Analyte                                                   | Result    | Qualifier | RL       | MDL | Unit | D | Prepared | Analyzed       | Dil Fac |
| Nitrate as N                                              | <2.0      |           | 2.0      |     | mg/L |   |          | 05/19/23 18:35 | 20      |
| Nitrite as N                                              | <2.0      |           | 2.0      |     | mg/L |   |          | 05/19/23 18:35 | 20      |
| Nitrate Nitrite as N                                      | <2.0      |           | 2.0      |     | mg/L |   |          | 05/19/23 18:35 | 20      |

Definitions/Glossary

Client: Stantec Consulting Services Inc  
Project/Site: Blanco North Flare Pit

Job ID: 400-237952-1

Qualifiers

GC/MS VOA

| Qualifier | Qualifier Description                          |
|-----------|------------------------------------------------|
| F1        | MS and/or MSD recovery exceeds control limits. |

Glossary

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



## Surrogate Summary

Client: Stantec Consulting Services Inc  
Project/Site: Blanco North Flare Pit

Job ID: 400-237952-1

**Method: 8260D - Volatile Organic Compounds by GC/MS****Matrix: Water****Prep Type: Total/NA**

| Lab Sample ID       | Client Sample ID   | Percent Surrogate Recovery (Acceptance Limits) |                  |                 |
|---------------------|--------------------|------------------------------------------------|------------------|-----------------|
|                     |                    | TOL<br>(64-132)                                | DBFM<br>(75-126) | BFB<br>(72-130) |
| 400-237952-1        | TRIP BLANK         | 93                                             | 107              | 97              |
| 400-237952-2        | DUP-01             | 93                                             | 110              | 97              |
| 400-237952-3        | MW-58              | 101                                            | 101              | 107             |
| 400-237952-3 MS     | MW-58              | 109                                            | 90               | 122             |
| 400-237952-3 MSD    | MW-58              | 110                                            | 90               | 125             |
| 400-237952-4        | MW-59              | 104                                            | 104              | 108             |
| 400-237952-5        | MW-23              | 96                                             | 109              | 99              |
| 400-237952-6        | MW-45              | 92                                             | 112              | 96              |
| 400-237952-7        | MW-51              | 96                                             | 111              | 101             |
| LCS 400-626374/1002 | Lab Control Sample | 97                                             | 96               | 102             |
| LCS 400-626453/1002 | Lab Control Sample | 108                                            | 98               | 126             |
| LCS 400-627253/1002 | Lab Control Sample | 96                                             | 95               | 101             |
| LCS 400-627420/1008 | Lab Control Sample | 100                                            | 105              | 100             |
| MB 400-626374/4     | Method Blank       | 96                                             | 109              | 97              |
| MB 400-626453/4     | Method Blank       | 99                                             | 119              | 107             |
| MB 400-627253/4     | Method Blank       | 94                                             | 108              | 95              |
| MB 400-627420/32    | Method Blank       | 104                                            | 105              | 105             |

**Surrogate Legend**

TOL = Toluene-d8 (Surr)

DBFM = Dibromofluoromethane

BFB = 4-Bromofluorobenzene

## Lab Chronicle

Client: Stantec Consulting Services Inc  
Project/Site: Blanco North Flare Pit

Job ID: 400-237952-1

Client Sample ID: TRIP BLANK

Lab Sample ID: 400-237952-1

Date Collected: 05/18/23 14:00

Matrix: Water

Date Received: 05/19/23 09:09

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab     |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Total/NA  | Analysis   | 8260D        |     | 1          | 5 mL           | 5 mL         | 627253       | 05/31/23 19:14       | BPO     | EET PEN |

Client Sample ID: DUP-01

Lab Sample ID: 400-237952-2

Date Collected: 05/18/23 14:05

Matrix: Water

Date Received: 05/19/23 09:09

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab     |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Total/NA  | Analysis   | 8260D        |     | 1          | 5 mL           | 5 mL         | 627253       | 05/31/23 22:31       | BPO     | EET PEN |
| Total/NA  | Analysis   | 300.0        |     | 10         | 10 mL          | 10 mL        | 625683       | 05/19/23 16:36       | JAW     | EET PEN |

Client Sample ID: MW-58

Lab Sample ID: 400-237952-3

Date Collected: 05/18/23 14:15

Matrix: Water

Date Received: 05/19/23 09:09

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab     |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Total/NA  | Analysis   | 8260D        |     | 50         | 5 mL           | 5 mL         | 626453       | 05/25/23 15:28       | BPO     | EET PEN |
| Total/NA  | Analysis   | 300.0        |     | 10         | 10 mL          | 10 mL        | 625683       | 05/19/23 15:37       | JAW     | EET PEN |

Client Sample ID: MW-59

Lab Sample ID: 400-237952-4

Date Collected: 05/18/23 15:00

Matrix: Water

Date Received: 05/19/23 09:09

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab     |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Total/NA  | Analysis   | 8260D        |     | 5          | 5 mL           | 5 mL         | 627420       | 06/01/23 18:01       | AGW     | EET PEN |
| Total/NA  | Analysis   | 300.0        |     | 10         | 10 mL          | 10 mL        | 625683       | 05/19/23 16:56       | JAW     | EET PEN |

Client Sample ID: MW-23

Lab Sample ID: 400-237952-5

Date Collected: 05/18/23 15:35

Matrix: Water

Date Received: 05/19/23 09:09

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab     |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Total/NA  | Analysis   | 8260D        |     | 100        | 5 mL           | 5 mL         | 626374       | 05/25/23 00:42       | BPO     | EET PEN |
| Total/NA  | Analysis   | 300.0        |     | 20         | 10 mL          | 10 mL        | 625683       | 05/19/23 17:16       | JAW     | EET PEN |

Client Sample ID: MW-45

Lab Sample ID: 400-237952-6

Date Collected: 05/18/23 15:20

Matrix: Water

Date Received: 05/19/23 09:09

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab     |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Total/NA  | Analysis   | 8260D        |     | 1          | 5 mL           | 5 mL         | 627253       | 05/31/23 22:50       | BPO     | EET PEN |
| Total/NA  | Analysis   | 300.0        |     | 10         | 10 mL          | 10 mL        | 625683       | 05/19/23 17:36       | JAW     | EET PEN |

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## Lab Chronicle

Client: Stantec Consulting Services Inc  
Project/Site: Blanco North Flare Pit

Job ID: 400-237952-1

Client Sample ID: MW-51

Lab Sample ID: 400-237952-7

Date Collected: 05/18/23 15:50

Matrix: Water

Date Received: 05/19/23 09:09

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab     |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Total/NA  | Analysis   | 8260D        |     | 5          | 5 mL           | 5 mL         | 626374       | 05/25/23 00:23       | BPO     | EET PEN |
| Total/NA  | Analysis   | 300.0        |     | 20         | 10 mL          | 10 mL        | 625683       | 05/19/23 18:35       | JAW     | EET PEN |

Client Sample ID: Method Blank

Lab Sample ID: MB 400-625683/4

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   | 300.0        |     | 1          | 10 mL          | 10 mL        | 625683       | 05/19/23 14:37       | JAW     | EET PEN |

Client Sample ID: Method Blank

Lab Sample ID: MB 400-626374/4

Date Collected: N/A

Matrix: Water

Date Received: N/A

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab     |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Total/NA  | Analysis   | 8260D        |     | 1          | 5 mL           | 5 mL         | 626374       | 05/24/23 16:54       | BPO     | EET PEN |

Client Sample ID: Method Blank

Lab Sample ID: MB 400-626453/4

Date Collected: N/A

Matrix: Water

Date Received: N/A

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab     |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Total/NA  | Analysis   | 8260D        |     | 1          | 5 mL           | 5 mL         | 626453       | 05/25/23 10:43       | BPO     | EET PEN |

Client Sample ID: Method Blank

Lab Sample ID: MB 400-627253/4

Date Collected: N/A

Matrix: Water

Date Received: N/A

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab     |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Total/NA  | Analysis   | 8260D        |     | 1          | 5 mL           | 5 mL         | 627253       | 05/31/23 17:16       | BPO     | EET PEN |

Client Sample ID: Method Blank

Lab Sample ID: MB 400-627420/32

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         | 627420       | 06/01/23 16:21       | AGW     | EET PEN |

Client Sample ID: Lab Control Sample

Lab Sample ID: LCS 400-625683/5

Date Collected: N/A

Matrix: Water

Date Received: N/A

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab     |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Total/NA  | Analysis   | 300.0        |     | 1          | 10 mL          | 10 mL        | 625683       | 05/19/23 14:57       | JAW     | EET PEN |

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## Lab Chronicle

Client: Stantec Consulting Services Inc  
Project/Site: Blanco North Flare Pit

Job ID: 400-237952-1

Client Sample ID: Lab Control Sample

Lab Sample ID: LCS 400-626374/1002

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         | 626374       | 05/24/23 15:56       | BPO     | EET PEN |

Client Sample ID: Lab Control Sample

Lab Sample ID: LCS 400-626453/1002

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         | 626453       | 05/25/23 09:32       | BPO     | EET PEN |

Client Sample ID: Lab Control Sample

Lab Sample ID: LCS 400-627253/1002

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         | 627253       | 05/31/23 16:21       | BPO     | EET PEN |

Client Sample ID: Lab Control Sample

Lab Sample ID: LCS 400-627420/1008

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         | 627420       | 06/01/23 15:20       | AGW     | EET PEN |

Client Sample ID: Lab Control Sample Dup

Lab Sample ID: LCSD 400-625683/6

Date Collected: N/A

Matrix: Water

Date Received: N/A

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab     |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Total/NA  | Analysis   | 300.0        |     | 1          | 10 mL          | 10 mL        | 625683       | 05/19/23 15:17       | JAW     | EET PEN |

Client Sample ID: MW-58

Lab Sample ID: 400-237952-3 MS

Date Collected: 05/18/23 14:15

Matrix: Water

Date Received: 05/19/23 09:09

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab     |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Total/NA  | Analysis   | 8260D        |     | 50         | 5 mL           | 5 mL         | 626453       | 05/25/23 15:54       | BPO     | EET PEN |
| Total/NA  | Analysis   | 300.0        |     | 10         | 10 mL          | 10 mL        | 625683       | 05/19/23 15:57       | JAW     | EET PEN |

Client Sample ID: MW-58

Lab Sample ID: 400-237952-3 MSD

Date Collected: 05/18/23 14:15

Matrix: Water

Date Received: 05/19/23 09:09

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab     |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Total/NA  | Analysis   | 8260D        |     | 50         | 5 mL           | 5 mL         | 626453       | 05/25/23 16:20       | BPO     | EET PEN |
| Total/NA  | Analysis   | 300.0        |     | 10         | 10 mL          | 10 mL        | 625683       | 05/19/23 16:16       | JAW     | EET PEN |

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Lab Chronicle

Client: Stantec Consulting Services Inc  
Project/Site: Blanco North Flare Pit

Job ID: 400-237952-1

Laboratory References:

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

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## QC Association Summary

Client: Stantec Consulting Services Inc  
Project/Site: Blanco North Flare Pit

Job ID: 400-237952-1

## GC/MS VOA

## Analysis Batch: 626374

| Lab Sample ID       | Client Sample ID   | Prep Type | Matrix | Method | Prep Batch |
|---------------------|--------------------|-----------|--------|--------|------------|
| 400-237952-5        | MW-23              | Total/NA  | Water  | 8260D  |            |
| 400-237952-7        | MW-51              | Total/NA  | Water  | 8260D  |            |
| MB 400-626374/4     | Method Blank       | Total/NA  | Water  | 8260D  |            |
| LCS 400-626374/1002 | Lab Control Sample | Total/NA  | Water  | 8260D  |            |

## Analysis Batch: 626453

| Lab Sample ID       | Client Sample ID   | Prep Type | Matrix | Method | Prep Batch |
|---------------------|--------------------|-----------|--------|--------|------------|
| 400-237952-3        | MW-58              | Total/NA  | Water  | 8260D  |            |
| MB 400-626453/4     | Method Blank       | Total/NA  | Water  | 8260D  |            |
| LCS 400-626453/1002 | Lab Control Sample | Total/NA  | Water  | 8260D  |            |
| 400-237952-3 MS     | MW-58              | Total/NA  | Water  | 8260D  |            |
| 400-237952-3 MSD    | MW-58              | Total/NA  | Water  | 8260D  |            |

## Analysis Batch: 627253

| Lab Sample ID       | Client Sample ID   | Prep Type | Matrix | Method | Prep Batch |
|---------------------|--------------------|-----------|--------|--------|------------|
| 400-237952-1        | TRIP BLANK         | Total/NA  | Water  | 8260D  |            |
| 400-237952-2        | DUP-01             | Total/NA  | Water  | 8260D  |            |
| 400-237952-6        | MW-45              | Total/NA  | Water  | 8260D  |            |
| MB 400-627253/4     | Method Blank       | Total/NA  | Water  | 8260D  |            |
| LCS 400-627253/1002 | Lab Control Sample | Total/NA  | Water  | 8260D  |            |

## Analysis Batch: 627420

| Lab Sample ID       | Client Sample ID   | Prep Type | Matrix | Method | Prep Batch |
|---------------------|--------------------|-----------|--------|--------|------------|
| 400-237952-4        | MW-59              | Total/NA  | Water  | 8260D  |            |
| MB 400-627420/32    | Method Blank       | Total/NA  | Water  | 8260D  |            |
| LCS 400-627420/1008 | Lab Control Sample | Total/NA  | Water  | 8260D  |            |

## HPLC/IC

## Analysis Batch: 625683

| Lab Sample ID     | Client Sample ID       | Prep Type | Matrix | Method | Prep Batch |
|-------------------|------------------------|-----------|--------|--------|------------|
| 400-237952-2      | DUP-01                 | Total/NA  | Water  | 300.0  |            |
| 400-237952-3      | MW-58                  | Total/NA  | Water  | 300.0  |            |
| 400-237952-4      | MW-59                  | Total/NA  | Water  | 300.0  |            |
| 400-237952-5      | MW-23                  | Total/NA  | Water  | 300.0  |            |
| 400-237952-6      | MW-45                  | Total/NA  | Water  | 300.0  |            |
| 400-237952-7      | MW-51                  | Total/NA  | Water  | 300.0  |            |
| MB 400-625683/4   | Method Blank           | Total/NA  | Water  | 300.0  |            |
| LCS 400-625683/5  | Lab Control Sample     | Total/NA  | Water  | 300.0  |            |
| LCSD 400-625683/6 | Lab Control Sample Dup | Total/NA  | Water  | 300.0  |            |
| 400-237952-3 MS   | MW-58                  | Total/NA  | Water  | 300.0  |            |
| 400-237952-3 MSD  | MW-58                  | Total/NA  | Water  | 300.0  |            |

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## QC Sample Results

Client: Stantec Consulting Services Inc  
Project/Site: Blanco North Flare Pit

Job ID: 400-237952-1

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

Lab Sample ID: MB 400-626374/4

Matrix: Water

Analysis Batch: 626374

Client Sample ID: Method Blank

Prep Type: Total/NA

| Analyte        | MB Result | MB Qualifier | RL  | MDL | Unit | D | Prepared | Analyzed       | Dil Fac |
|----------------|-----------|--------------|-----|-----|------|---|----------|----------------|---------|
| Benzene        | <1.0      |              | 1.0 |     | ug/L |   |          | 05/24/23 16:54 | 1       |
| Toluene        | <1.0      |              | 1.0 |     | ug/L |   |          | 05/24/23 16:54 | 1       |
| Ethylbenzene   | <1.0      |              | 1.0 |     | ug/L |   |          | 05/24/23 16:54 | 1       |
| Xylenes, Total | <10       |              | 10  |     | ug/L |   |          | 05/24/23 16:54 | 1       |

| Surrogate            | MB %Recovery | MB Qualifier | Limits   | Prepared | Analyzed       | Dil Fac |
|----------------------|--------------|--------------|----------|----------|----------------|---------|
| Toluene-d8 (Surr)    | 96           |              | 64 - 132 |          | 05/24/23 16:54 | 1       |
| Dibromofluoromethane | 109          |              | 75 - 126 |          | 05/24/23 16:54 | 1       |
| 4-Bromofluorobenzene | 97           |              | 72 - 130 |          | 05/24/23 16:54 | 1       |

Lab Sample ID: LCS 400-626374/1002

Matrix: Water

Analysis Batch: 626374

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

| Analyte        | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|----------------|-------------|------------|---------------|------|---|------|-------------|
| Benzene        | 50.0        | 49.6       |               | ug/L |   | 99   | 70 - 130    |
| Toluene        | 50.0        | 46.9       |               | ug/L |   | 94   | 70 - 130    |
| Ethylbenzene   | 50.0        | 45.9       |               | ug/L |   | 92   | 70 - 130    |
| Xylenes, Total | 100         | 90.0       |               | ug/L |   | 90   | 70 - 130    |

| Surrogate            | LCS %Recovery | LCS Qualifier | Limits   |
|----------------------|---------------|---------------|----------|
| Toluene-d8 (Surr)    | 97            |               | 64 - 132 |
| Dibromofluoromethane | 96            |               | 75 - 126 |
| 4-Bromofluorobenzene | 102           |               | 72 - 130 |

Lab Sample ID: MB 400-626453/4

Matrix: Water

Analysis Batch: 626453

Client Sample ID: Method Blank

Prep Type: Total/NA

| Analyte        | MB Result | MB Qualifier | RL  | MDL | Unit | D | Prepared | Analyzed       | Dil Fac |
|----------------|-----------|--------------|-----|-----|------|---|----------|----------------|---------|
| Benzene        | <1.0      |              | 1.0 |     | ug/L |   |          | 05/25/23 10:43 | 1       |
| Toluene        | <1.0      |              | 1.0 |     | ug/L |   |          | 05/25/23 10:43 | 1       |
| Ethylbenzene   | <1.0      |              | 1.0 |     | ug/L |   |          | 05/25/23 10:43 | 1       |
| Xylenes, Total | <10       |              | 10  |     | ug/L |   |          | 05/25/23 10:43 | 1       |

| Surrogate            | MB %Recovery | MB Qualifier | Limits   | Prepared | Analyzed       | Dil Fac |
|----------------------|--------------|--------------|----------|----------|----------------|---------|
| Toluene-d8 (Surr)    | 99           |              | 64 - 132 |          | 05/25/23 10:43 | 1       |
| Dibromofluoromethane | 119          |              | 75 - 126 |          | 05/25/23 10:43 | 1       |
| 4-Bromofluorobenzene | 107          |              | 72 - 130 |          | 05/25/23 10:43 | 1       |

Lab Sample ID: LCS 400-626453/1002

Matrix: Water

Analysis Batch: 626453

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

| Analyte      | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|--------------|-------------|------------|---------------|------|---|------|-------------|
| Benzene      | 50.0        | 52.2       |               | ug/L |   | 104  | 70 - 130    |
| Toluene      | 50.0        | 53.6       |               | ug/L |   | 107  | 70 - 130    |
| Ethylbenzene | 50.0        | 56.1       |               | ug/L |   | 112  | 70 - 130    |

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## QC Sample Results

Client: Stantec Consulting Services Inc  
Project/Site: Blanco North Flare Pit

Job ID: 400-237952-1

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

Lab Sample ID: LCS 400-626453/1002

Matrix: Water

Analysis Batch: 626453

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

| Analyte              | Spike Added   | LCS Result    | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|----------------------|---------------|---------------|---------------|------|---|------|-------------|
| Xylenes, Total       | 100           | 113           |               | ug/L |   | 113  | 70 - 130    |
|                      |               |               |               |      |   |      |             |
| Surrogate            | LCS %Recovery | LCS Qualifier | Limits        |      |   |      |             |
| Toluene-d8 (Surr)    | 108           |               | 64 - 132      |      |   |      |             |
| Dibromofluoromethane | 98            |               | 75 - 126      |      |   |      |             |
| 4-Bromofluorobenzene | 126           |               | 72 - 130      |      |   |      |             |

Lab Sample ID: 400-237952-3 MS

Matrix: Water

Analysis Batch: 626453

Client Sample ID: MW-58

Prep Type: Total/NA

| Analyte              | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec Limits |
|----------------------|---------------|------------------|-------------|-----------|--------------|------|---|------|-------------|
| Benzene              | 4100          | F1               | 2500        | 8000      | F1           | ug/L |   | 157  | 56 - 142    |
| Toluene              | 4900          | F1               | 2500        | 9980      | F1           | ug/L |   | 204  | 65 - 130    |
| Ethylbenzene         | 310           |                  | 2500        | 2680      |              | ug/L |   | 95   | 58 - 131    |
| Xylenes, Total       | 3300          |                  | 5000        | 8860      |              | ug/L |   | 110  | 59 - 130    |
|                      |               |                  |             |           |              |      |   |      |             |
| Surrogate            | MS %Recovery  | MS Qualifier     | Limits      |           |              |      |   |      |             |
| Toluene-d8 (Surr)    | 109           |                  | 64 - 132    |           |              |      |   |      |             |
| Dibromofluoromethane | 90            |                  | 75 - 126    |           |              |      |   |      |             |
| 4-Bromofluorobenzene | 122           |                  | 72 - 130    |           |              |      |   |      |             |

Lab Sample ID: 400-237952-3 MSD

Matrix: Water

Analysis Batch: 626453

Client Sample ID: MW-58

Prep Type: Total/NA

| Analyte              | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|----------------------|---------------|------------------|-------------|------------|---------------|------|---|------|-------------|-----|-----------|
| Benzene              | 4100          | F1               | 2500        | 6270       |               | ug/L |   | 87   | 56 - 142    | 24  | 30        |
| Toluene              | 4900          | F1               | 2500        | 7800       |               | ug/L |   | 117  | 65 - 130    | 25  | 30        |
| Ethylbenzene         | 310           |                  | 2500        | 2670       |               | ug/L |   | 94   | 58 - 131    | 0   | 30        |
| Xylenes, Total       | 3300          |                  | 5000        | 7860       |               | ug/L |   | 90   | 59 - 130    | 12  | 30        |
|                      |               |                  |             |            |               |      |   |      |             |     |           |
| Surrogate            | MSD %Recovery | MSD Qualifier    | Limits      |            |               |      |   |      |             |     |           |
| Toluene-d8 (Surr)    | 110           |                  | 64 - 132    |            |               |      |   |      |             |     |           |
| Dibromofluoromethane | 90            |                  | 75 - 126    |            |               |      |   |      |             |     |           |
| 4-Bromofluorobenzene | 125           |                  | 72 - 130    |            |               |      |   |      |             |     |           |

Lab Sample ID: MB 400-627253/4

Matrix: Water

Analysis Batch: 627253

Client Sample ID: Method Blank

Prep Type: Total/NA

| Analyte        | MB Result | MB Qualifier | RL  | MDL | Unit | D | Prepared | Analyzed       | Dil Fac |
|----------------|-----------|--------------|-----|-----|------|---|----------|----------------|---------|
| Benzene        | <1.0      |              | 1.0 |     | ug/L |   |          | 05/31/23 17:16 | 1       |
| Toluene        | <1.0      |              | 1.0 |     | ug/L |   |          | 05/31/23 17:16 | 1       |
| Ethylbenzene   | <1.0      |              | 1.0 |     | ug/L |   |          | 05/31/23 17:16 | 1       |
| Xylenes, Total | <10       |              | 10  |     | ug/L |   |          | 05/31/23 17:16 | 1       |

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## QC Sample Results

Client: Stantec Consulting Services Inc  
Project/Site: Blanco North Flare Pit

Job ID: 400-237952-1

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

Lab Sample ID: MB 400-627253/4

Matrix: Water

Analysis Batch: 627253

Client Sample ID: Method Blank

Prep Type: Total/NA

| Surrogate            | MB<br>%Recovery | MB<br>Qualifier | Limits   | Prepared | Analyzed       | Dil Fac |
|----------------------|-----------------|-----------------|----------|----------|----------------|---------|
| Toluene-d8 (Surr)    | 94              |                 | 64 - 132 |          | 05/31/23 17:16 | 1       |
| Dibromofluoromethane | 108             |                 | 75 - 126 |          | 05/31/23 17:16 | 1       |
| 4-Bromofluorobenzene | 95              |                 | 72 - 130 |          | 05/31/23 17:16 | 1       |

Lab Sample ID: LCS 400-627253/1002

Matrix: Water

Analysis Batch: 627253

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

| Analyte        | Spike<br>Added | LCS<br>Result | LCS<br>Qualifier | Unit | D | %Rec | %Rec<br>Limits |
|----------------|----------------|---------------|------------------|------|---|------|----------------|
| Benzene        | 50.0           | 48.8          |                  | ug/L |   | 98   | 70 - 130       |
| Toluene        | 50.0           | 47.4          |                  | ug/L |   | 95   | 70 - 130       |
| Ethylbenzene   | 50.0           | 46.1          |                  | ug/L |   | 92   | 70 - 130       |
| Xylenes, Total | 100            | 90.7          |                  | ug/L |   | 91   | 70 - 130       |

| Surrogate            | LCS<br>%Recovery | LCS<br>Qualifier | Limits   |
|----------------------|------------------|------------------|----------|
| Toluene-d8 (Surr)    | 96               |                  | 64 - 132 |
| Dibromofluoromethane | 95               |                  | 75 - 126 |
| 4-Bromofluorobenzene | 101              |                  | 72 - 130 |

Lab Sample ID: MB 400-627420/32

Matrix: Water

Analysis Batch: 627420

Client Sample ID: Method Blank

Prep Type: Total/NA

| Analyte        | MB<br>Result | MB<br>Qualifier | RL  | MDL | Unit | D | Prepared | Analyzed       | Dil Fac |
|----------------|--------------|-----------------|-----|-----|------|---|----------|----------------|---------|
| Benzene        | <1.0         |                 | 1.0 |     | ug/L |   |          | 06/01/23 16:21 | 1       |
| Toluene        | <1.0         |                 | 1.0 |     | ug/L |   |          | 06/01/23 16:21 | 1       |
| Ethylbenzene   | <1.0         |                 | 1.0 |     | ug/L |   |          | 06/01/23 16:21 | 1       |
| Xylenes, Total | <10          |                 | 10  |     | ug/L |   |          | 06/01/23 16:21 | 1       |

| Surrogate            | MB<br>%Recovery | MB<br>Qualifier | Limits   | Prepared | Analyzed       | Dil Fac |
|----------------------|-----------------|-----------------|----------|----------|----------------|---------|
| Toluene-d8 (Surr)    | 104             |                 | 64 - 132 |          | 06/01/23 16:21 | 1       |
| Dibromofluoromethane | 105             |                 | 75 - 126 |          | 06/01/23 16:21 | 1       |
| 4-Bromofluorobenzene | 105             |                 | 72 - 130 |          | 06/01/23 16:21 | 1       |

Lab Sample ID: LCS 400-627420/1008

Matrix: Water

Analysis Batch: 627420

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

| Analyte        | Spike<br>Added | LCS<br>Result | LCS<br>Qualifier | Unit | D | %Rec | %Rec<br>Limits |
|----------------|----------------|---------------|------------------|------|---|------|----------------|
| Benzene        | 50.0           | 54.5          |                  | ug/L |   | 109  | 70 - 130       |
| Toluene        | 50.0           | 55.9          |                  | ug/L |   | 112  | 70 - 130       |
| Ethylbenzene   | 50.0           | 58.2          |                  | ug/L |   | 116  | 70 - 130       |
| Xylenes, Total | 100            | 116           |                  | ug/L |   | 116  | 70 - 130       |

| Surrogate            | LCS<br>%Recovery | LCS<br>Qualifier | Limits   |
|----------------------|------------------|------------------|----------|
| Toluene-d8 (Surr)    | 100              |                  | 64 - 132 |
| Dibromofluoromethane | 105              |                  | 75 - 126 |

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## QC Sample Results

Client: Stantec Consulting Services Inc  
Project/Site: Blanco North Flare Pit

Job ID: 400-237952-1

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

Lab Sample ID: LCS 400-627420/1008

Matrix: Water

Analysis Batch: 627420

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

|                      | LCS       | LCS       |          |
|----------------------|-----------|-----------|----------|
| Surrogate            | %Recovery | Qualifier | Limits   |
| 4-Bromofluorobenzene | 100       |           | 72 - 130 |

## Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 400-625683/4

Matrix: Water

Analysis Batch: 625683

Client Sample ID: Method Blank

Prep Type: Total/NA

| Analyte              | MB     | MB        |      |     |      |   |          |                |     |     |
|----------------------|--------|-----------|------|-----|------|---|----------|----------------|-----|-----|
|                      | Result | Qualifier | RL   | MDL | Unit | D | Prepared | Analyzed       | Dil | Fac |
| Nitrate as N         | <0.10  |           | 0.10 |     | mg/L |   |          | 05/19/23 14:37 | 1   |     |
| Nitrite as N         | <0.10  |           | 0.10 |     | mg/L |   |          | 05/19/23 14:37 | 1   |     |
| Nitrate Nitrite as N | <0.10  |           | 0.10 |     | mg/L |   |          | 05/19/23 14:37 | 1   |     |

Lab Sample ID: LCS 400-625683/5

Matrix: Water

Analysis Batch: 625683

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

| Analyte              |  | Spike | LCS    | LCS       |      |   |      | %Rec     |  |  |
|----------------------|--|-------|--------|-----------|------|---|------|----------|--|--|
|                      |  | Added | Result | Qualifier | Unit | D | %Rec | Limits   |  |  |
| Nitrate as N         |  | 2.26  | 2.20   |           | mg/L |   | 97   | 90 - 110 |  |  |
| Nitrite as N         |  | 3.04  | 3.00   |           | mg/L |   | 99   | 90 - 110 |  |  |
| Nitrate Nitrite as N |  | 5.30  | 5.20   |           | mg/L |   | 98   | 90 - 110 |  |  |

Lab Sample ID: LCSD 400-625683/6

Matrix: Water

Analysis Batch: 625683

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

| Analyte              |  | Spike | LCSD   | LCSD      |      |   |      | %Rec     |     | RPD   |
|----------------------|--|-------|--------|-----------|------|---|------|----------|-----|-------|
|                      |  | Added | Result | Qualifier | Unit | D | %Rec | Limits   | RPD | Limit |
| Nitrate as N         |  | 2.26  | 2.22   |           | mg/L |   | 98   | 90 - 110 | 1   | 15    |
| Nitrite as N         |  | 3.04  | 3.00   |           | mg/L |   | 99   | 90 - 110 | 0   | 15    |
| Nitrate Nitrite as N |  | 5.30  | 5.22   |           | mg/L |   | 98   | 90 - 110 | 0   | 15    |

Lab Sample ID: 400-237952-3 MS

Matrix: Water

Analysis Batch: 625683

Client Sample ID: MW-58

Prep Type: Total/NA

| Analyte              | Sample | Sample    | Spike | MS     | MS        |      |   | %Rec |          |  |
|----------------------|--------|-----------|-------|--------|-----------|------|---|------|----------|--|
|                      | Result | Qualifier | Added | Result | Qualifier | Unit | D | %Rec | Limits   |  |
| Nitrate as N         | <1.0   |           | 22.6  | 22.3   |           | mg/L |   | 99   | 80 - 120 |  |
| Nitrite as N         | <1.0   |           | 30.4  | 31.0   |           | mg/L |   | 102  | 80 - 120 |  |
| Nitrate Nitrite as N | <1.0   |           | 53.0  | 53.3   |           | mg/L |   | 101  | 80 - 120 |  |

Lab Sample ID: 400-237952-3 MSD

Matrix: Water

Analysis Batch: 625683

Client Sample ID: MW-58

Prep Type: Total/NA

| Analyte              | Sample | Sample    | Spike | MSD    | MSD       |      |   | %Rec |          | RPD   |
|----------------------|--------|-----------|-------|--------|-----------|------|---|------|----------|-------|
|                      | Result | Qualifier | Added | Result | Qualifier | Unit | D | %Rec | Limits   | Limit |
| Nitrate as N         | <1.0   |           | 22.6  | 23.8   |           | mg/L |   | 105  | 80 - 120 | 7 20  |
| Nitrite as N         | <1.0   |           | 30.4  | 31.5   |           | mg/L |   | 104  | 80 - 120 | 2 20  |
| Nitrate Nitrite as N | <1.0   |           | 53.0  | 55.3   |           | mg/L |   | 104  | 80 - 120 | 4 20  |

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## Login Sample Receipt Checklist

Client: Stantec Consulting Services Inc

Job Number: 400-237952-1

SDG Number:

**Login Number: 237952****List Number: 1****Creator: Whitley, Adrian****List Source: Eurofins Pensacola**

| Question                                                                         | Answer | Comment   |
|----------------------------------------------------------------------------------|--------|-----------|
| Radioactivity wasn't checked or is <=/ background as measured by a survey meter. | N/A    |           |
| The cooler's custody seal, if present, is intact.                                | N/A    |           |
| Sample custody seals, if present, are intact.                                    | N/A    |           |
| The cooler or samples do not appear to have been compromised or tampered with.   | True   |           |
| Samples were received on ice.                                                    | True   |           |
| Cooler Temperature is acceptable.                                                | True   |           |
| Cooler Temperature is recorded.                                                  | True   | 3.8°C IR8 |
| COC is present.                                                                  | True   |           |
| COC is filled out in ink and legible.                                            | True   |           |
| COC is filled out with all pertinent information.                                | True   |           |
| Is the Field Sampler's name present on COC?                                      | True   |           |
| There are no discrepancies between the containers received and the COC.          | True   |           |
| Samples are received within Holding Time (excluding tests with immediate HTs)    | True   |           |
| Sample containers have legible labels.                                           | True   |           |
| Containers are not broken or leaking.                                            | True   |           |
| Sample collection date/times are provided.                                       | True   |           |
| Appropriate sample containers are used.                                          | True   |           |
| Sample bottles are completely filled.                                            | True   |           |
| Sample Preservation Verified.                                                    | N/A    |           |
| There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs | True   |           |
| Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").  | True   |           |
| Multiphasic samples are not present.                                             | True   |           |
| Samples do not require splitting or compositing.                                 | True   |           |
| Residual Chlorine Checked.                                                       | N/A    |           |

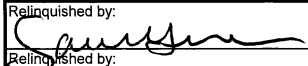
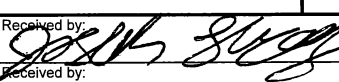
## Eurofins Pensacola

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

## Chain of Custody Record



Environment Testing

|                                                                                                                                                                                                                                                                            |  |                                                                                         |  |                                                                                                       |  |                                     |  |                                                                 |  |                                                                                                                                                                                                                                                                                                                                                                                                                             |  |                                                                                                    |  |                             |  |                                   |  |                                   |  |          |  |  |  |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|-----------------------------------------------------------------------------------------|--|-------------------------------------------------------------------------------------------------------|--|-------------------------------------|--|-----------------------------------------------------------------|--|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|----------------------------------------------------------------------------------------------------|--|-----------------------------|--|-----------------------------------|--|-----------------------------------|--|----------|--|--|--|
| <b>Client Information</b>                                                                                                                                                                                                                                                  |  | Sampler: Sarah Gardner & Sean Clary                                                     |  | Lab PM: Whitmire, Cheyenne R                                                                          |  | Carrier Tracking No(s):             |  | COC No: 400-120297-41357.1                                      |  |                                                                                                                                                                                                                                                                                                                                                                                                                             |  |                                                                                                    |  |                             |  |                                   |  |                                   |  |          |  |  |  |
| Client Contact: Joe Wiley                                                                                                                                                                                                                                                  |  | Phone: 303 291 2239                                                                     |  | E-Mail: Cheyenne.Whitmire@et.eurofinsus.com                                                           |  | State of Origin:                    |  | Page: Page 1 of 1                                               |  |                                                                                                                                                                                                                                                                                                                                                                                                                             |  |                                                                                                    |  |                             |  |                                   |  |                                   |  |          |  |  |  |
| Company: El Paso Energy Corporation                                                                                                                                                                                                                                        |  | PWSID:                                                                                  |  | <b>Analysis Requested</b>                                                                             |  |                                     |  |                                                                 |  | Job #:                                                                                                                                                                                                                                                                                                                                                                                                                      |  |                                                                                                    |  |                             |  |                                   |  |                                   |  |          |  |  |  |
| Address: 1001 Louisiana Street Room S1905B                                                                                                                                                                                                                                 |  | Due Date Requested: Standard                                                            |  | <br>400-237952 COC |  |                                     |  |                                                                 |  | <b>Preservation Codes:</b><br>A - HCL<br>B - NaOH<br>C - Zn Acetate<br>D - Nitric Acid<br>E - NaHSO4<br>F - MeOH<br>G - Amchlor<br>H - Ascorbic Acid<br>I - Ice<br>J - DI Water<br>K - EDTA<br>L - EDA<br>M - Hexane<br>N - None<br>O - AsNaO2<br>P - Na2O4S<br>Q - Na2SO3<br>R - Na2S2O3<br>S - H2SO4<br>T - TSP Dodecahydrate<br>U - Acetone<br>V - MCAA<br>W - pH 4-5<br>Y - Trizma<br>Z - other (specify)<br><br>Other: |  |                                                                                                    |  |                             |  |                                   |  |                                   |  |          |  |  |  |
| City: Houston                                                                                                                                                                                                                                                              |  | TAT Requested (days): Standard                                                          |  |                                                                                                       |  |                                     |  |                                                                 |  |                                                                                                                                                                                                                                                                                                                                                                                                                             |  |                                                                                                    |  |                             |  |                                   |  |                                   |  |          |  |  |  |
| State, Zip: TX, 77002                                                                                                                                                                                                                                                      |  | Compliance Project: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |  |                                                                                                       |  |                                     |  |                                                                 |  |                                                                                                                                                                                                                                                                                                                                                                                                                             |  |                                                                                                    |  |                             |  |                                   |  |                                   |  |          |  |  |  |
| Phone:                                                                                                                                                                                                                                                                     |  | PO #: WD1040009                                                                         |  |                                                                                                       |  |                                     |  |                                                                 |  |                                                                                                                                                                                                                                                                                                                                                                                                                             |  |                                                                                                    |  |                             |  |                                   |  |                                   |  |          |  |  |  |
| Email: joe.wiley@kindermorgan.com                                                                                                                                                                                                                                          |  | WO #: Blanco NFP_ERG_ARF_04-26-2023                                                     |  | Project #:                                                                                            |  | 40015823                            |  |                                                                 |  |                                                                                                                                                                                                                                                                                                                                                                                                                             |  |                                                                                                    |  |                             |  |                                   |  |                                   |  |          |  |  |  |
| Project Name: Blanco Field North Flare Pit.00                                                                                                                                                                                                                              |  | SSOW#:                                                                                  |  |                                                                                                       |  |                                     |  |                                                                 |  |                                                                                                                                                                                                                                                                                                                                                                                                                             |  |                                                                                                    |  |                             |  |                                   |  |                                   |  |          |  |  |  |
| Site: Blanco North Flare Pit                                                                                                                                                                                                                                               |  |                                                                                         |  |                                                                                                       |  |                                     |  |                                                                 |  |                                                                                                                                                                                                                                                                                                                                                                                                                             |  |                                                                                                    |  |                             |  |                                   |  |                                   |  |          |  |  |  |
| <b>Sample Identification</b>                                                                                                                                                                                                                                               |  | <b>Sample Date</b>                                                                      |  | <b>Sample Time</b>                                                                                    |  | <b>Sample Type (C=Comp, G=grab)</b> |  | <b>Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)</b> |  | <b>Field Filtered Sample (Yes or No)</b>                                                                                                                                                                                                                                                                                                                                                                                    |  | <b>8280D - BTEX - 8260</b>                                                                         |  | <b>300_ORGFMS - Nitrate</b> |  | <b>Total Number of Containers</b> |  | <b>Special Instructions/Note:</b> |  |          |  |  |  |
|                                                                                                                                                                                                                                                                            |  |                                                                                         |  |                                                                                                       |  |                                     |  |                                                                 |  |                                                                                                                                                                                                                                                                                                                                                                                                                             |  |                                                                                                    |  |                             |  |                                   |  |                                   |  |          |  |  |  |
| Trip Blank                                                                                                                                                                                                                                                                 |  | 5/18/23                                                                                 |  | 1400                                                                                                  |  | G                                   |  | Water                                                           |  |                                                                                                                                                                                                                                                                                                                                                                                                                             |  | 2                                                                                                  |  |                             |  | 2                                 |  | Trip Blank                        |  |          |  |  |  |
| DUP-01                                                                                                                                                                                                                                                                     |  | 5/18/23                                                                                 |  | 1405                                                                                                  |  | G                                   |  | Water                                                           |  |                                                                                                                                                                                                                                                                                                                                                                                                                             |  | 2                                                                                                  |  | 1                           |  | 2                                 |  |                                   |  |          |  |  |  |
| mw-58                                                                                                                                                                                                                                                                      |  | 5/18/23                                                                                 |  | 1415                                                                                                  |  | G                                   |  | Water                                                           |  |                                                                                                                                                                                                                                                                                                                                                                                                                             |  | 2                                                                                                  |  | 1                           |  | 2                                 |  | Unpreserved                       |  |          |  |  |  |
| mw-58-MS                                                                                                                                                                                                                                                                   |  | 5/18/23                                                                                 |  | 1415                                                                                                  |  | G                                   |  | Water                                                           |  |                                                                                                                                                                                                                                                                                                                                                                                                                             |  | 2                                                                                                  |  | 1                           |  | 3                                 |  | Unpreserved                       |  |          |  |  |  |
| mw-58-MSD                                                                                                                                                                                                                                                                  |  | 5/18/23                                                                                 |  | 1415                                                                                                  |  | G                                   |  | Water                                                           |  |                                                                                                                                                                                                                                                                                                                                                                                                                             |  | 2                                                                                                  |  | 1                           |  | 3                                 |  | Unpreserved                       |  |          |  |  |  |
| mw-59                                                                                                                                                                                                                                                                      |  | 5/18/23                                                                                 |  | 1500                                                                                                  |  | G                                   |  | Water                                                           |  |                                                                                                                                                                                                                                                                                                                                                                                                                             |  | 2                                                                                                  |  | 1                           |  | 3                                 |  |                                   |  |          |  |  |  |
| mw-23                                                                                                                                                                                                                                                                      |  | 5/18/23                                                                                 |  | 1535                                                                                                  |  | G                                   |  | Water                                                           |  |                                                                                                                                                                                                                                                                                                                                                                                                                             |  | 2                                                                                                  |  | 1                           |  | 3                                 |  | Unpreserved                       |  |          |  |  |  |
| mw-45                                                                                                                                                                                                                                                                      |  | 5/18/23                                                                                 |  | 1520                                                                                                  |  | G                                   |  | Water                                                           |  |                                                                                                                                                                                                                                                                                                                                                                                                                             |  | 2                                                                                                  |  | 1                           |  | 3                                 |  |                                   |  |          |  |  |  |
| mw-51                                                                                                                                                                                                                                                                      |  | 5/18/23                                                                                 |  | 1550                                                                                                  |  | G                                   |  | Water                                                           |  |                                                                                                                                                                                                                                                                                                                                                                                                                             |  | 2                                                                                                  |  | 1                           |  | 3                                 |  | Unpreserved                       |  |          |  |  |  |
|                                                                                                                                                                                                                                                                            |  |                                                                                         |  |                                                                                                       |  |                                     |  | Water                                                           |  |                                                                                                                                                                                                                                                                                                                                                                                                                             |  |                                                                                                    |  |                             |  |                                   |  |                                   |  |          |  |  |  |
|                                                                                                                                                                                                                                                                            |  |                                                                                         |  |                                                                                                       |  |                                     |  | Water                                                           |  |                                                                                                                                                                                                                                                                                                                                                                                                                             |  |                                                                                                    |  |                             |  |                                   |  |                                   |  |          |  |  |  |
| <b>Possible Hazard Identification</b><br><input checked="" type="checkbox"/> Non-Hazard <input type="checkbox"/> Flammable <input type="checkbox"/> Skin Irritant <input type="checkbox"/> Poison B <input type="checkbox"/> Unknown <input type="checkbox"/> Radiological |  |                                                                                         |  |                                                                                                       |  |                                     |  |                                                                 |  | <b>Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)</b><br><input type="checkbox"/> Return To Client <input checked="" type="checkbox"/> Disposal By Lab <input type="checkbox"/> Archive For _____ Months                                                                                                                                                                               |  |                                                                                                    |  |                             |  |                                   |  |                                   |  |          |  |  |  |
| Deliverable Requested: I, II, III, IV, Other (specify)                                                                                                                                                                                                                     |  |                                                                                         |  |                                                                                                       |  |                                     |  |                                                                 |  | Special Instructions/QC Requirements:                                                                                                                                                                                                                                                                                                                                                                                       |  |                                                                                                    |  |                             |  |                                   |  |                                   |  |          |  |  |  |
| Empty Kit Relinquished by:                                                                                                                                                                                                                                                 |  |                                                                                         |  | Date:                                                                                                 |  |                                     |  | Time:                                                           |  |                                                                                                                                                                                                                                                                                                                                                                                                                             |  | Method of Shipment:                                                                                |  |                             |  |                                   |  |                                   |  |          |  |  |  |
| Relinquished by:                                                                                                                                                                        |  |                                                                                         |  | Date/Time: 5/18/2023 1630                                                                             |  |                                     |  | Company: STANTEC                                                |  |                                                                                                                                                                                                                                                                                                                                                                                                                             |  | Received by:  |  |                             |  | Date/Time: 5/19/23 9:00           |  |                                   |  | Company: |  |  |  |
| Relinquished by:                                                                                                                                                                                                                                                           |  |                                                                                         |  | Date/Time:                                                                                            |  |                                     |  | Company:                                                        |  |                                                                                                                                                                                                                                                                                                                                                                                                                             |  | Received by:                                                                                       |  |                             |  | Date/Time:                        |  |                                   |  | Company: |  |  |  |
| Relinquished by:                                                                                                                                                                                                                                                           |  |                                                                                         |  | Date/Time:                                                                                            |  |                                     |  | Company:                                                        |  |                                                                                                                                                                                                                                                                                                                                                                                                                             |  | Received by:                                                                                       |  |                             |  | Date/Time:                        |  |                                   |  | Company: |  |  |  |
| Custody Seals Intact: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No                                                                                                                                                                                  |  |                                                                                         |  | Custody Seal No.:                                                                                     |  |                                     |  | Cooler Temperature(s) °C and Other Remarks: 3.8°C TRP           |  |                                                                                                                                                                                                                                                                                                                                                                                                                             |  |                                                                                                    |  |                             |  |                                   |  |                                   |  |          |  |  |  |

Ver: 06/08/2021



## Accreditation/Certification Summary

Client: Stantec Consulting Services Inc  
Project/Site: Blanco North Flare Pit

Job ID: 400-237952-1

### Laboratory: Eurofins Pensacola

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

| Authority              | Program             | Identification Number | Expiration Date |
|------------------------|---------------------|-----------------------|-----------------|
| Alabama                | State               | 40150                 | 06-30-23        |
| ANAB                   | ISO/IEC 17025       | L2471                 | 02-22-26        |
| Arkansas DEQ           | State               | 88-00689              | 09-01-23        |
| California             | State               | 2510                  | 06-30-23        |
| Florida                | NELAP               | E81010                | 06-30-23        |
| Georgia                | State               | E81010(FL)            | 06-30-23        |
| Illinois               | NELAP               | 200041                | 10-09-23        |
| Kansas                 | NELAP               | E-10253               | 10-31-23        |
| Kentucky (UST)         | State               | 53                    | 06-30-23        |
| Louisiana (All)        | NELAP               | 30976                 | 06-30-23        |
| Louisiana (DW)         | State               | LA017                 | 12-31-23        |
| Maryland               | State               | 233                   | 09-30-23        |
| North Carolina (WW/SW) | State               | 314                   | 12-31-23        |
| Oklahoma               | NELAP               | 9810                  | 08-31-23        |
| Pennsylvania           | NELAP               | 68-00467              | 01-31-24        |
| South Carolina         | State               | 96026                 | 06-30-23        |
| Tennessee              | State               | TN02907               | 06-30-23        |
| Texas                  | NELAP               | T104704286            | 09-30-23        |
| US Fish & Wildlife     | US Federal Programs | A22340                | 06-30-23        |
| USDA                   | US Federal Programs | P330-21-00056         | 05-17-24        |
| USDA                   | US Federal Programs | FLGNV23001            | 01-08-26        |
| Virginia               | NELAP               | 460166                | 06-14-23        |
| West Virginia DEP      | State               | 136                   | 03-31-24        |

Eurofins Pensacola



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# ANALYTICAL REPORT

## PREPARED FOR

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

Generated 12/14/2023 8:47:32 AM

## JOB DESCRIPTION

Blanco Field North Flare Pit

## JOB NUMBER

400-246636-1

Eurofins Pensacola  
3355 McLemore Drive  
Pensacola FL 32514

# Eurofins Pensacola

## Job Notes

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

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

## Authorization



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

Client: Stantec Consulting Services Inc  
Project/Site: Blanco Field North Flare Pit

Laboratory Job ID: 400-246636-1

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## Case Narrative

Client: Stantec Consulting Services Inc  
Project/Site: Blanco Field North Flare Pit

Job ID: 400-246636-1

**Job ID: 400-246636-1**

**Laboratory: Eurofins Pensacola**

### Narrative

#### Job Narrative 400-246636-1

#### Receipt

The samples were received on 11/14/2023 8:56 AM. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice. The temperatures of the 2 coolers at receipt time were 0.0° C and 3.0° C.

#### GC/MS VOA

Method 8260D: The following samples were diluted to bring the concentration of target analytes within the calibration range: MW-23 (400-246636-1), MW-45 (400-246636-7), MW-48 (400-246636-9), MW-51 (400-246636-11), MW-52 (400-246636-12), MW-58 (400-246636-17) and DUP-02 (400-246636-19). Elevated reporting limits (RLs) are provided.

Method 8260D: Sample DUP-01 (400-246636-18) does not resemble any other sample in the job. Reanalysis was performed with concurring results.

Method 8260D: The following samples were collected in a properly preserved vial; however, the pH was outside the required criteria when verified by the laboratory. The samples were analyzed within the 7-day holding time specified for unpreserved samples: MW-52 (400-246636-12) and MW-58 (400-246636-17).

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

#### HPLC/IC

Method 300.0: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for analytical batch 400-650134 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: The matrix spike / matrix spike duplicate (MS/MSD) precision for analytical batch 400-650134 was outside control limits. Sample matrix interference is suspected.

Method 300.0: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for analytical batch 400-650216 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: Due to the high concentration of Nitrate as N and Nitrate Nitrite as N, the matrix spike / matrix spike duplicate (MS/MSD) for analytical batch 400-650581 could not be evaluated for accuracy and precision. The associated laboratory control sample (LCS) met acceptance criteria.

Method 300.0: The following sample was diluted to bring the concentration of target analytes within the calibration range: MW-57 (400-246636-16). Elevated reporting limits (RLs) are provided.

Method 300.0: The following samples were diluted due to the abundance of non-target analytes: MW-23 (400-246636-1), MW-40 (400-246636-2), MW-41 (400-246636-3), MW-42 (400-246636-4), MW-43 (400-246636-5), MW-44 (400-246636-6), MW-46 (400-246636-8), MW-48 (400-246636-9), MW-50 (400-246636-10), MW-51 (400-246636-11), MW-52 (400-246636-12), MW-53 (400-246636-13), MW-54 (400-246636-14), MW-55 (400-246636-15), MW-58 (400-246636-17) and DUP-02 (400-246636-19). Elevated reporting limits (RLs) are provided.

Method 300.0: Reanalysis of the following samples were performed outside of the analytical holding time due to DILUTION NEEDED : MW-23 (400-246636-1), MW-40 (400-246636-2), MW-41 (400-246636-3), MW-42 (400-246636-4), MW-43 (400-246636-5), MW-44 (400-246636-6), MW-46 (400-246636-8), MW-48 (400-246636-9), MW-50 (400-246636-10), MW-51 (400-246636-11), MW-52 (400-246636-12), MW-53 (400-246636-13), MW-54 (400-246636-14), MW-55 (400-246636-15), MW-57 (400-246636-16), MW-58 (400-246636-17) and DUP-02 (400-246636-19). Both sets of data are reported.

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

#### VOA Prep

Case Narrative

Client: Stantec Consulting Services Inc  
Project/Site: Blanco Field North Flare Pit

Job ID: 400-246636-1

Job ID: 400-246636-1 (Continued)

Laboratory: Eurofins Pensacola (Continued)

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: Blanco Field North Flare Pit

Job ID: 400-246636-1

## Client Sample ID: MW-23

## Lab Sample ID: 400-246636-1

| Analyte        | Result | Qualifier | RL    | MDL   | Unit | Dil Fac | D | Method | Prep Type |
|----------------|--------|-----------|-------|-------|------|---------|---|--------|-----------|
| Benzene        | 7.1    |           | 0.050 | 0.025 | mg/L | 50      |   | 8260D  | Total/NA  |
| Ethylbenzene   | 0.090  |           | 0.050 | 0.025 | mg/L | 50      |   | 8260D  | Total/NA  |
| Xylenes, Total | 0.54   |           | 0.50  | 0.080 | mg/L | 50      |   | 8260D  | Total/NA  |

## Client Sample ID: MW-40

## Lab Sample ID: 400-246636-2

| Analyte                   | Result | Qualifier | RL  | MDL  | Unit | Dil Fac | D | Method | Prep Type |
|---------------------------|--------|-----------|-----|------|------|---------|---|--------|-----------|
| Nitrate as N - RA         | 71     | H         | 1.0 | 0.63 | mg/L | 10      |   | 300.0  | Total/NA  |
| Nitrate Nitrite as N - RA | 71     | H         | 1.0 | 0.63 | mg/L | 10      |   | 300.0  | Total/NA  |

## Client Sample ID: MW-41

## Lab Sample ID: 400-246636-3

| Analyte                   | Result | Qualifier | RL  | MDL  | Unit | Dil Fac | D | Method | Prep Type |
|---------------------------|--------|-----------|-----|------|------|---------|---|--------|-----------|
| Nitrate as N - RA         | 22     | H         | 1.0 | 0.63 | mg/L | 10      |   | 300.0  | Total/NA  |
| Nitrate Nitrite as N - RA | 22     | H         | 1.0 | 0.63 | mg/L | 10      |   | 300.0  | Total/NA  |

## Client Sample ID: MW-42

## Lab Sample ID: 400-246636-4

No Detections.

## Client Sample ID: MW-43

## Lab Sample ID: 400-246636-5

No Detections.

## Client Sample ID: MW-44

## Lab Sample ID: 400-246636-6

| Analyte      | Result | Qualifier | RL     | MDL     | Unit | Dil Fac | D | Method | Prep Type |
|--------------|--------|-----------|--------|---------|------|---------|---|--------|-----------|
| Benzene      | 0.013  |           | 0.0010 | 0.00050 | mg/L | 1       |   | 8260D  | Total/NA  |
| Ethylbenzene | 0.0017 |           | 0.0010 | 0.00050 | mg/L | 1       |   | 8260D  | Total/NA  |

## Client Sample ID: MW-45

## Lab Sample ID: 400-246636-7

| Analyte              | Result | Qualifier | RL     | MDL    | Unit | Dil Fac | D | Method | Prep Type |
|----------------------|--------|-----------|--------|--------|------|---------|---|--------|-----------|
| Benzene              | 0.57   |           | 0.0050 | 0.0025 | mg/L | 5       |   | 8260D  | Total/NA  |
| Ethylbenzene         | 0.0083 |           | 0.0050 | 0.0025 | mg/L | 5       |   | 8260D  | Total/NA  |
| Toluene              | 0.019  |           | 0.0050 | 0.0045 | mg/L | 5       |   | 8260D  | Total/NA  |
| Xylenes, Total       | 0.063  |           | 0.050  | 0.0080 | mg/L | 5       |   | 8260D  | Total/NA  |
| Nitrate as N         | 0.63   | J H       | 1.0    | 0.63   | mg/L | 10      |   | 300.0  | Total/NA  |
| Nitrate Nitrite as N | 0.63   | J H       | 1.0    | 0.63   | mg/L | 10      |   | 300.0  | Total/NA  |

## Client Sample ID: MW-46

## Lab Sample ID: 400-246636-8

| Analyte | Result  | Qualifier | RL     | MDL     | Unit | Dil Fac | D | Method | Prep Type |
|---------|---------|-----------|--------|---------|------|---------|---|--------|-----------|
| Benzene | 0.00072 | J         | 0.0010 | 0.00050 | mg/L | 1       |   | 8260D  | Total/NA  |

## Client Sample ID: MW-48

## Lab Sample ID: 400-246636-9

| Analyte      | Result | Qualifier | RL    | MDL   | Unit | Dil Fac | D | Method | Prep Type |
|--------------|--------|-----------|-------|-------|------|---------|---|--------|-----------|
| Benzene      | 3.9    |           | 0.020 | 0.010 | mg/L | 20      |   | 8260D  | Total/NA  |
| Ethylbenzene | 0.040  |           | 0.020 | 0.010 | mg/L | 20      |   | 8260D  | Total/NA  |

## Client Sample ID: MW-50

## Lab Sample ID: 400-246636-10

| Analyte                   | Result | Qualifier | RL  | MDL  | Unit | Dil Fac | D | Method | Prep Type |
|---------------------------|--------|-----------|-----|------|------|---------|---|--------|-----------|
| Nitrate as N - DL         | 96     | H         | 1.0 | 0.63 | mg/L | 10      |   | 300.0  | Total/NA  |
| Nitrate Nitrite as N - DL | 96     | H         | 1.0 | 0.63 | mg/L | 10      |   | 300.0  | Total/NA  |

This Detection Summary does not include radiochemical test results.

Eurofins Pensacola

## Detection Summary

Client: Stantec Consulting Services Inc  
Project/Site: Blanco Field North Flare Pit

Job ID: 400-246636-1

## Client Sample ID: MW-51

## Lab Sample ID: 400-246636-11

| Analyte      | Result | Qualifier | RL     | MDL    | Unit | Dil Fac | D | Method | Prep Type |
|--------------|--------|-----------|--------|--------|------|---------|---|--------|-----------|
| Benzene      | 0.73   |           | 0.0050 | 0.0025 | mg/L | 5       |   | 8260D  | Total/NA  |
| Ethylbenzene | 0.0097 |           | 0.0050 | 0.0025 | mg/L | 5       |   | 8260D  | Total/NA  |

## Client Sample ID: MW-52

## Lab Sample ID: 400-246636-12

| Analyte | Result | Qualifier | RL     | MDL    | Unit | Dil Fac | D | Method | Prep Type |
|---------|--------|-----------|--------|--------|------|---------|---|--------|-----------|
| Benzene | 0.31   |           | 0.0020 | 0.0010 | mg/L | 2       |   | 8260D  | Total/NA  |

## Client Sample ID: MW-53

## Lab Sample ID: 400-246636-13

No Detections.

## Client Sample ID: MW-54

## Lab Sample ID: 400-246636-14

| Analyte                   | Result | Qualifier | RL  | MDL  | Unit | Dil Fac | D | Method | Prep Type |
|---------------------------|--------|-----------|-----|------|------|---------|---|--------|-----------|
| Nitrate as N - DL         | 12     | H         | 1.0 | 0.63 | mg/L | 10      |   | 300.0  | Total/NA  |
| Nitrate Nitrite as N - DL | 12     | H         | 1.0 | 0.63 | mg/L | 10      |   | 300.0  | Total/NA  |

## Client Sample ID: MW-55

## Lab Sample ID: 400-246636-15

| Analyte | Result | Qualifier | RL     | MDL     | Unit | Dil Fac | D | Method | Prep Type |
|---------|--------|-----------|--------|---------|------|---------|---|--------|-----------|
| Benzene | 0.0029 |           | 0.0010 | 0.00050 | mg/L | 1       |   | 8260D  | Total/NA  |
| Toluene | 0.0015 |           | 0.0010 | 0.00090 | mg/L | 1       |   | 8260D  | Total/NA  |

## Client Sample ID: MW-57

## Lab Sample ID: 400-246636-16

| Analyte                   | Result | Qualifier | RL   | MDL  | Unit | Dil Fac | D | Method | Prep Type |
|---------------------------|--------|-----------|------|------|------|---------|---|--------|-----------|
| Nitrate as N - RA         | 54     | H         | 0.50 | 0.32 | mg/L | 5       |   | 300.0  | Total/NA  |
| Nitrate Nitrite as N - RA | 54     | H         | 0.50 | 0.32 | mg/L | 5       |   | 300.0  | Total/NA  |

## Client Sample ID: MW-58

## Lab Sample ID: 400-246636-17

| Analyte      | Result | Qualifier | RL   | MDL   | Unit | Dil Fac | D | Method | Prep Type |
|--------------|--------|-----------|------|-------|------|---------|---|--------|-----------|
| Benzene      | 9.6    |           | 0.10 | 0.050 | mg/L | 100     |   | 8260D  | Total/NA  |
| Ethylbenzene | 0.19   |           | 0.10 | 0.050 | mg/L | 100     |   | 8260D  | Total/NA  |

## Client Sample ID: DUP-01

## Lab Sample ID: 400-246636-18

| Analyte              | Result | Qualifier | RL     | MDL     | Unit | Dil Fac | D | Method | Prep Type |
|----------------------|--------|-----------|--------|---------|------|---------|---|--------|-----------|
| Benzene              | 0.25   |           | 0.0010 | 0.00050 | mg/L | 1       |   | 8260D  | Total/NA  |
| Ethylbenzene         | 0.0044 |           | 0.0010 | 0.00050 | mg/L | 1       |   | 8260D  | Total/NA  |
| Toluene              | 0.0089 |           | 0.0010 | 0.00090 | mg/L | 1       |   | 8260D  | Total/NA  |
| Xylenes, Total       | 0.034  |           | 0.010  | 0.0016  | mg/L | 1       |   | 8260D  | Total/NA  |
| Nitrate as N         | 0.82   |           | 0.10   | 0.063   | mg/L | 1       |   | 300.0  | Total/NA  |
| Nitrate Nitrite as N | 0.82   |           | 0.10   | 0.063   | mg/L | 1       |   | 300.0  | Total/NA  |

## Client Sample ID: DUP-02

## Lab Sample ID: 400-246636-19

| Analyte      | Result | Qualifier | RL    | MDL    | Unit | Dil Fac | D | Method | Prep Type |
|--------------|--------|-----------|-------|--------|------|---------|---|--------|-----------|
| Benzene      | 2.5    |           | 0.010 | 0.0050 | mg/L | 10      |   | 8260D  | Total/NA  |
| Ethylbenzene | 0.020  |           | 0.010 | 0.0050 | mg/L | 10      |   | 8260D  | Total/NA  |

## Client Sample ID: TB-01

## Lab Sample ID: 400-246636-20

No Detections.

This Detection Summary does not include radiochemical test results.

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Method Summary

Client: Stantec Consulting Services Inc  
Project/Site: Blanco Field North Flare Pit

Job ID: 400-246636-1

| Method | Method Description                  | Protocol | Laboratory |
|--------|-------------------------------------|----------|------------|
| 8260D  | Volatile Organic Compounds by GC/MS | SW846    | EET PEN    |
| 300.0  | Anions, Ion Chromatography          | EPA      | EET PEN    |
| 5030C  | Purge and Trap                      | SW846    | EET PEN    |

Protocol References:

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

Laboratory References:

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

## Sample Summary

Client: Stantec Consulting Services Inc  
Project/Site: Blanco Field North Flare Pit

Job ID: 400-246636-1

| Lab Sample ID | Client Sample ID | Matrix | Collected      | Received       |
|---------------|------------------|--------|----------------|----------------|
| 400-246636-1  | MW-23            | Water  | 11/13/23 09:30 | 11/14/23 08:56 |
| 400-246636-2  | MW-40            | Water  | 11/13/23 07:15 | 11/14/23 08:56 |
| 400-246636-3  | MW-41            | Water  | 11/13/23 07:40 | 11/14/23 08:56 |
| 400-246636-4  | MW-42            | Water  | 11/13/23 07:55 | 11/14/23 08:56 |
| 400-246636-5  | MW-43            | Water  | 11/13/23 10:36 | 11/14/23 08:56 |
| 400-246636-6  | MW-44            | Water  | 11/13/23 10:25 | 11/14/23 08:56 |
| 400-246636-7  | MW-45            | Water  | 11/13/23 09:40 | 11/14/23 08:56 |
| 400-246636-8  | MW-46            | Water  | 11/13/23 08:05 | 11/14/23 08:56 |
| 400-246636-9  | MW-48            | Water  | 11/13/23 08:26 | 11/14/23 08:56 |
| 400-246636-10 | MW-50            | Water  | 11/13/23 10:11 | 11/14/23 08:56 |
| 400-246636-11 | MW-51            | Water  | 11/13/23 08:52 | 11/14/23 08:56 |
| 400-246636-12 | MW-52            | Water  | 11/13/23 09:10 | 11/14/23 08:56 |
| 400-246636-13 | MW-53            | Water  | 11/13/23 11:11 | 11/14/23 08:56 |
| 400-246636-14 | MW-54            | Water  | 11/13/23 08:17 | 11/14/23 08:56 |
| 400-246636-15 | MW-55            | Water  | 11/13/23 08:38 | 11/14/23 08:56 |
| 400-246636-16 | MW-57            | Water  | 11/13/23 10:53 | 11/14/23 08:56 |
| 400-246636-17 | MW-58            | Water  | 11/13/23 09:52 | 11/14/23 08:56 |
| 400-246636-18 | DUP-01           | Water  | 11/13/23 00:00 | 11/14/23 08:56 |
| 400-246636-19 | DUP-02           | Water  | 11/13/23 00:00 | 11/14/23 08:56 |
| 400-246636-20 | TB-01            | Water  | 11/13/23 07:00 | 11/14/23 08:56 |

## Client Sample Results

Client: Stantec Consulting Services Inc  
Project/Site: Blanco Field North Flare Pit

Job ID: 400-246636-1

Client Sample ID: MW-23

Lab Sample ID: 400-246636-1

Date Collected: 11/13/23 09:30

Matrix: Water

Date Received: 11/14/23 08:56

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

| Analyte        | Result | Qualifier | RL    | MDL   | Unit | D | Prepared | Analyzed       | Dil Fac |
|----------------|--------|-----------|-------|-------|------|---|----------|----------------|---------|
| Benzene        | 7.1    |           | 0.050 | 0.025 | mg/L |   |          | 11/17/23 21:53 | 50      |
| Ethylbenzene   | 0.090  |           | 0.050 | 0.025 | mg/L |   |          | 11/17/23 21:53 | 50      |
| Toluene        | 0.045  | U         | 0.050 | 0.045 | mg/L |   |          | 11/17/23 21:53 | 50      |
| Xylenes, Total | 0.54   |           | 0.50  | 0.080 | mg/L |   |          | 11/17/23 21:53 | 50      |

| Surrogate            | %Recovery | Qualifier | Limits   | Prepared | Analyzed       | Dil Fac |
|----------------------|-----------|-----------|----------|----------|----------------|---------|
| 4-Bromofluorobenzene | 110       |           | 72 - 130 |          | 11/17/23 21:53 | 50      |
| Dibromofluoromethane | 107       |           | 75 - 126 |          | 11/17/23 21:53 | 50      |
| Toluene-d8 (Surr)    | 102       |           | 64 - 132 |          | 11/17/23 21:53 | 50      |

## Method: EPA 300.0 - Anions, Ion Chromatography

| Analyte              | Result | Qualifier | RL   | MDL   | Unit | D | Prepared | Analyzed       | Dil Fac |
|----------------------|--------|-----------|------|-------|------|---|----------|----------------|---------|
| Nitrate as N         | 0.063  | U         | 0.10 | 0.063 | mg/L |   |          | 11/14/23 21:08 | 1       |
| Nitrate Nitrite as N | 0.063  | U         | 0.10 | 0.063 | mg/L |   |          | 11/14/23 21:08 | 1       |
| Nitrite as N         | 0.083  | U         | 0.10 | 0.083 | mg/L |   |          | 11/14/23 21:08 | 1       |

## Method: EPA 300.0 - Anions, Ion Chromatography - DL

| Analyte              | Result | Qualifier | RL  | MDL  | Unit | D | Prepared | Analyzed       | Dil Fac |
|----------------------|--------|-----------|-----|------|------|---|----------|----------------|---------|
| Nitrate as N         | 0.63   | U H       | 1.0 | 0.63 | mg/L |   |          | 11/16/23 14:22 | 10      |
| Nitrate Nitrite as N | 0.63   | U H       | 1.0 | 0.63 | mg/L |   |          | 11/16/23 14:22 | 10      |
| Nitrite as N         | 0.83   | U H       | 1.0 | 0.83 | mg/L |   |          | 11/16/23 14:22 | 10      |

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## Client Sample Results

Client: Stantec Consulting Services Inc  
Project/Site: Blanco Field North Flare Pit

Job ID: 400-246636-1

Client Sample ID: MW-40

Lab Sample ID: 400-246636-2

Date Collected: 11/13/23 07:15

Matrix: Water

Date Received: 11/14/23 08:56

## 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 |   |          | 11/22/23 15:09 | 1       |
| Ethylbenzene   | 0.00050 | U         | 0.0010 | 0.00050 | mg/L |   |          | 11/22/23 15:09 | 1       |
| Toluene        | 0.00090 | U         | 0.0010 | 0.00090 | mg/L |   |          | 11/22/23 15:09 | 1       |
| Xylenes, Total | 0.0016  | U         | 0.010  | 0.0016  | mg/L |   |          | 11/22/23 15:09 | 1       |

| Surrogate            | %Recovery | Qualifier | Limits   | Prepared | Analyzed       | Dil Fac |
|----------------------|-----------|-----------|----------|----------|----------------|---------|
| 4-Bromofluorobenzene | 98        |           | 72 - 130 |          | 11/22/23 15:09 | 1       |
| Dibromofluoromethane | 109       |           | 75 - 126 |          | 11/22/23 15:09 | 1       |
| Toluene-d8 (Surr)    | 93        |           | 64 - 132 |          | 11/22/23 15:09 | 1       |

## Method: EPA 300.0 - Anions, Ion Chromatography

| Analyte              | Result | Qualifier | RL   | MDL   | Unit | D | Prepared | Analyzed       | Dil Fac |
|----------------------|--------|-----------|------|-------|------|---|----------|----------------|---------|
| Nitrate as N         | 0.063  | U         | 0.10 | 0.063 | mg/L |   |          | 11/14/23 21:16 | 1       |
| Nitrate Nitrite as N | 0.063  | U         | 0.10 | 0.063 | mg/L |   |          | 11/14/23 21:16 | 1       |
| Nitrite as N         | 0.083  | U         | 0.10 | 0.083 | mg/L |   |          | 11/14/23 21:16 | 1       |

## Method: EPA 300.0 - Anions, Ion Chromatography - RA

| Analyte              | Result | Qualifier | RL  | MDL  | Unit | D | Prepared | Analyzed       | Dil Fac |
|----------------------|--------|-----------|-----|------|------|---|----------|----------------|---------|
| Nitrate as N         | 71     | H         | 1.0 | 0.63 | mg/L |   |          | 11/16/23 14:29 | 10      |
| Nitrate Nitrite as N | 71     | H         | 1.0 | 0.63 | mg/L |   |          | 11/16/23 14:29 | 10      |
| Nitrite as N         | 0.83   | U H       | 1.0 | 0.83 | mg/L |   |          | 11/16/23 14:29 | 10      |

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## Client Sample Results

Client: Stantec Consulting Services Inc  
Project/Site: Blanco Field North Flare Pit

Job ID: 400-246636-1

Client Sample ID: MW-41

Lab Sample ID: 400-246636-3

Date Collected: 11/13/23 07:40

Matrix: Water

Date Received: 11/14/23 08:56

## 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 |   |          | 11/22/23 15:28 | 1       |
| Ethylbenzene   | 0.00050 | U         | 0.0010 | 0.00050 | mg/L |   |          | 11/22/23 15:28 | 1       |
| Toluene        | 0.00090 | U         | 0.0010 | 0.00090 | mg/L |   |          | 11/22/23 15:28 | 1       |
| Xylenes, Total | 0.0016  | U         | 0.010  | 0.0016  | mg/L |   |          | 11/22/23 15:28 | 1       |

| Surrogate            | %Recovery | Qualifier | Limits   | Prepared | Analyzed       | Dil Fac |
|----------------------|-----------|-----------|----------|----------|----------------|---------|
| 4-Bromofluorobenzene | 102       |           | 72 - 130 |          | 11/22/23 15:28 | 1       |
| Dibromofluoromethane | 110       |           | 75 - 126 |          | 11/22/23 15:28 | 1       |
| Toluene-d8 (Surr)    | 100       |           | 64 - 132 |          | 11/22/23 15:28 | 1       |

## Method: EPA 300.0 - Anions, Ion Chromatography

| Analyte              | Result | Qualifier | RL   | MDL   | Unit | D | Prepared | Analyzed       | Dil Fac |
|----------------------|--------|-----------|------|-------|------|---|----------|----------------|---------|
| Nitrate as N         | 0.063  | U         | 0.10 | 0.063 | mg/L |   |          | 11/14/23 21:23 | 1       |
| Nitrate Nitrite as N | 0.063  | U         | 0.10 | 0.063 | mg/L |   |          | 11/14/23 21:23 | 1       |
| Nitrite as N         | 0.083  | U         | 0.10 | 0.083 | mg/L |   |          | 11/14/23 21:23 | 1       |

## Method: EPA 300.0 - Anions, Ion Chromatography - RA

| Analyte              | Result | Qualifier | RL  | MDL  | Unit | D | Prepared | Analyzed       | Dil Fac |
|----------------------|--------|-----------|-----|------|------|---|----------|----------------|---------|
| Nitrate as N         | 22     | H         | 1.0 | 0.63 | mg/L |   |          | 11/16/23 14:37 | 10      |
| Nitrate Nitrite as N | 22     | H         | 1.0 | 0.63 | mg/L |   |          | 11/16/23 14:37 | 10      |
| Nitrite as N         | 0.83   | U H       | 1.0 | 0.83 | mg/L |   |          | 11/16/23 14:37 | 10      |

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Client Sample Results

Client: Stantec Consulting Services Inc  
Project/Site: Blanco Field North Flare Pit

Job ID: 400-246636-1

Client Sample ID: MW-42  
Date Collected: 11/13/23 07:55  
Date Received: 11/14/23 08:56

Lab Sample ID: 400-246636-4  
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 |   |          | 11/24/23 08:47 | 1       |
| Ethylbenzene                                              | 0.00050   | U         | 0.0010   | 0.00050 | mg/L |   |          | 11/24/23 08:47 | 1       |
| Toluene                                                   | 0.00090   | U         | 0.0010   | 0.00090 | mg/L |   |          | 11/24/23 08:47 | 1       |
| Xylenes, Total                                            | 0.0016    | U         | 0.010    | 0.0016  | mg/L |   |          | 11/24/23 08:47 | 1       |
| Surrogate                                                 | %Recovery | Qualifier | Limits   |         |      |   | Prepared | Analyzed       | Dil Fac |
| 4-Bromofluorobenzene                                      | 99        |           | 72 - 130 |         |      |   |          | 11/24/23 08:47 | 1       |
| Dibromofluoromethane                                      | 110       |           | 75 - 126 |         |      |   |          | 11/24/23 08:47 | 1       |
| Toluene-d8 (Surr)                                         | 95        |           | 64 - 132 |         |      |   |          | 11/24/23 08:47 | 1       |

| Method: EPA 300.0 - Anions, Ion Chromatography |        |           |      |       |      |   |          |                |         |
|------------------------------------------------|--------|-----------|------|-------|------|---|----------|----------------|---------|
| Analyte                                        | Result | Qualifier | RL   | MDL   | Unit | D | Prepared | Analyzed       | Dil Fac |
| Nitrate as N                                   | 0.063  | U         | 0.10 | 0.063 | mg/L |   |          | 11/14/23 21:31 | 1       |
| Nitrate as N                                   | 0.63   | U H       | 1.0  | 0.63  | mg/L |   |          | 11/16/23 14:44 | 10      |
| Nitrate Nitrite as N                           | 0.063  | U         | 0.10 | 0.063 | mg/L |   |          | 11/14/23 21:31 | 1       |
| Nitrate Nitrite as N                           | 0.63   | U H       | 1.0  | 0.63  | mg/L |   |          | 11/16/23 14:44 | 10      |
| Nitrite as N                                   | 0.083  | U         | 0.10 | 0.083 | mg/L |   |          | 11/14/23 21:31 | 1       |
| Nitrite as N                                   | 0.83   | U H       | 1.0  | 0.83  | mg/L |   |          | 11/16/23 14:44 | 10      |

Client Sample Results

Client: Stantec Consulting Services Inc  
Project/Site: Blanco Field North Flare Pit

Job ID: 400-246636-1

Client Sample ID: MW-43  
Date Collected: 11/13/23 10:36  
Date Received: 11/14/23 08:56

Lab Sample ID: 400-246636-5  
Matrix: Water

| Method: SW846 8260D - Volatile Organic Compounds by GC/MS |           |           |          |         |      |   |          |                |         |
|-----------------------------------------------------------|-----------|-----------|----------|---------|------|---|----------|----------------|---------|
| Analyte                                                   | Result    | Qualifier | RL       | MDL     | Unit | D | Prepared | Analyzed       | Dil Fac |
| Benzene                                                   | 0.00050   | U         | 0.0010   | 0.00050 | mg/L |   |          | 11/24/23 09:06 | 1       |
| Ethylbenzene                                              | 0.00050   | U         | 0.0010   | 0.00050 | mg/L |   |          | 11/24/23 09:06 | 1       |
| Toluene                                                   | 0.00090   | U         | 0.0010   | 0.00090 | mg/L |   |          | 11/24/23 09:06 | 1       |
| Xylenes, Total                                            | 0.0016    | U         | 0.010    | 0.0016  | mg/L |   |          | 11/24/23 09:06 | 1       |
| Surrogate                                                 | %Recovery | Qualifier | Limits   |         |      |   | Prepared | Analyzed       | Dil Fac |
| 4-Bromofluorobenzene                                      | 97        |           | 72 - 130 |         |      |   |          | 11/24/23 09:06 | 1       |
| Dibromofluoromethane                                      | 104       |           | 75 - 126 |         |      |   |          | 11/24/23 09:06 | 1       |
| Toluene-d8 (Surr)                                         | 103       |           | 64 - 132 |         |      |   |          | 11/24/23 09:06 | 1       |

| Method: EPA 300.0 - Anions, Ion Chromatography |        |           |      |       |      |   |          |                |         |
|------------------------------------------------|--------|-----------|------|-------|------|---|----------|----------------|---------|
| Analyte                                        | Result | Qualifier | RL   | MDL   | Unit | D | Prepared | Analyzed       | Dil Fac |
| Nitrate as N                                   | 0.063  | U         | 0.10 | 0.063 | mg/L |   |          | 11/14/23 21:53 | 1       |
| Nitrate as N                                   | 0.63   | U H       | 1.0  | 0.63  | mg/L |   |          | 11/16/23 14:52 | 10      |
| Nitrate Nitrite as N                           | 0.063  | U         | 0.10 | 0.063 | mg/L |   |          | 11/14/23 21:53 | 1       |
| Nitrate Nitrite as N                           | 0.63   | U H       | 1.0  | 0.63  | mg/L |   |          | 11/16/23 14:52 | 10      |
| Nitrite as N                                   | 0.083  | U         | 0.10 | 0.083 | mg/L |   |          | 11/14/23 21:53 | 1       |
| Nitrite as N                                   | 0.83   | U H       | 1.0  | 0.83  | mg/L |   |          | 11/16/23 14:52 | 10      |

## Client Sample Results

Client: Stantec Consulting Services Inc  
Project/Site: Blanco Field North Flare Pit

Job ID: 400-246636-1

Client Sample ID: MW-44

Lab Sample ID: 400-246636-6

Date Collected: 11/13/23 10:25

Matrix: Water

Date Received: 11/14/23 08:56

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

| Analyte        | Result  | Qualifier | RL     | MDL     | Unit | D | Prepared | Analyzed       | Dil Fac |
|----------------|---------|-----------|--------|---------|------|---|----------|----------------|---------|
| Benzene        | 0.013   |           | 0.0010 | 0.00050 | mg/L |   |          | 11/17/23 18:17 | 1       |
| Ethylbenzene   | 0.0017  |           | 0.0010 | 0.00050 | mg/L |   |          | 11/17/23 18:17 | 1       |
| Toluene        | 0.00090 | U         | 0.0010 | 0.00090 | mg/L |   |          | 11/17/23 18:17 | 1       |
| Xylenes, Total | 0.0016  | U         | 0.010  | 0.0016  | mg/L |   |          | 11/17/23 18:17 | 1       |

| Surrogate            | %Recovery | Qualifier | Limits   | Prepared | Analyzed       | Dil Fac |
|----------------------|-----------|-----------|----------|----------|----------------|---------|
| 4-Bromofluorobenzene | 117       |           | 72 - 130 |          | 11/17/23 18:17 | 1       |
| Dibromofluoromethane | 109       |           | 75 - 126 |          | 11/17/23 18:17 | 1       |
| Toluene-d8 (Surr)    | 97        |           | 64 - 132 |          | 11/17/23 18:17 | 1       |

## Method: EPA 300.0 - Anions, Ion Chromatography

| Analyte              | Result | Qualifier | RL   | MDL   | Unit | D | Prepared | Analyzed       | Dil Fac |
|----------------------|--------|-----------|------|-------|------|---|----------|----------------|---------|
| Nitrate as N         | 0.063  | U         | 0.10 | 0.063 | mg/L |   |          | 11/14/23 22:01 | 1       |
| Nitrate as N         | 0.63   | U H       | 1.0  | 0.63  | mg/L |   |          | 11/16/23 14:59 | 10      |
| Nitrate Nitrite as N | 0.063  | U         | 0.10 | 0.063 | mg/L |   |          | 11/14/23 22:01 | 1       |
| Nitrate Nitrite as N | 0.63   | U H       | 1.0  | 0.63  | mg/L |   |          | 11/16/23 14:59 | 10      |
| Nitrite as N         | 0.083  | U         | 0.10 | 0.083 | mg/L |   |          | 11/14/23 22:01 | 1       |
| Nitrite as N         | 0.83   | U H       | 1.0  | 0.83  | mg/L |   |          | 11/16/23 14:59 | 10      |

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## Client Sample Results

Client: Stantec Consulting Services Inc  
Project/Site: Blanco Field North Flare Pit

Job ID: 400-246636-1

Client Sample ID: MW-45

Lab Sample ID: 400-246636-7

Date Collected: 11/13/23 09:40

Matrix: Water

Date Received: 11/14/23 08:56

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

| Analyte        | Result | Qualifier | RL     | MDL    | Unit | D | Prepared | Analyzed       | Dil Fac |
|----------------|--------|-----------|--------|--------|------|---|----------|----------------|---------|
| Benzene        | 0.57   |           | 0.0050 | 0.0025 | mg/L |   |          | 11/22/23 11:36 | 5       |
| Ethylbenzene   | 0.0083 |           | 0.0050 | 0.0025 | mg/L |   |          | 11/22/23 11:36 | 5       |
| Toluene        | 0.019  |           | 0.0050 | 0.0045 | mg/L |   |          | 11/22/23 11:36 | 5       |
| Xylenes, Total | 0.063  |           | 0.050  | 0.0080 | mg/L |   |          | 11/22/23 11:36 | 5       |

| Surrogate            | %Recovery | Qualifier | Limits   | Prepared | Analyzed       | Dil Fac |
|----------------------|-----------|-----------|----------|----------|----------------|---------|
| 4-Bromofluorobenzene | 97        |           | 72 - 130 |          | 11/22/23 11:36 | 5       |
| Dibromofluoromethane | 112       |           | 75 - 126 |          | 11/22/23 11:36 | 5       |
| Toluene-d8 (Surr)    | 94        |           | 64 - 132 |          | 11/22/23 11:36 | 5       |

## Method: EPA 300.0 - Anions, Ion Chromatography

| Analyte              | Result | Qualifier | RL   | MDL   | Unit | D | Prepared | Analyzed       | Dil Fac |
|----------------------|--------|-----------|------|-------|------|---|----------|----------------|---------|
| Nitrate as N         | 0.063  | U         | 0.10 | 0.063 | mg/L |   |          | 11/14/23 22:09 | 1       |
| Nitrate as N         | 0.63   | J H       | 1.0  | 0.63  | mg/L |   |          | 11/16/23 15:22 | 10      |
| Nitrate Nitrite as N | 0.063  | U         | 0.10 | 0.063 | mg/L |   |          | 11/14/23 22:09 | 1       |
| Nitrate Nitrite as N | 0.63   | J H       | 1.0  | 0.63  | mg/L |   |          | 11/16/23 15:22 | 10      |
| Nitrite as N         | 0.083  | U         | 0.10 | 0.083 | mg/L |   |          | 11/14/23 22:09 | 1       |
| Nitrite as N         | 0.83   | U H       | 1.0  | 0.83  | mg/L |   |          | 11/16/23 15:22 | 10      |

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## Client Sample Results

Client: Stantec Consulting Services Inc  
Project/Site: Blanco Field North Flare Pit

Job ID: 400-246636-1

Client Sample ID: MW-46

Lab Sample ID: 400-246636-8

Date Collected: 11/13/23 08:05

Matrix: Water

Date Received: 11/14/23 08:56

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

| Analyte              | Result    | Qualifier | RL       | MDL     | Unit | D | Prepared | Analyzed       | Dil Fac |
|----------------------|-----------|-----------|----------|---------|------|---|----------|----------------|---------|
| Benzene              | 0.00072   | J         | 0.0010   | 0.00050 | mg/L |   |          | 11/24/23 13:37 | 1       |
| Ethylbenzene         | 0.00050   | U         | 0.0010   | 0.00050 | mg/L |   |          | 11/24/23 13:37 | 1       |
| Toluene              | 0.00090   | U         | 0.0010   | 0.00090 | mg/L |   |          | 11/24/23 13:37 | 1       |
| Xylenes, Total       | 0.0016    | U         | 0.010    | 0.0016  | mg/L |   |          | 11/24/23 13:37 | 1       |
| Surrogate            | %Recovery | Qualifier | Limits   |         |      |   | Prepared | Analyzed       | Dil Fac |
| 4-Bromofluorobenzene | 100       |           | 72 - 130 |         |      |   |          | 11/24/23 13:37 | 1       |
| Dibromofluoromethane | 98        |           | 75 - 126 |         |      |   |          | 11/24/23 13:37 | 1       |
| Toluene-d8 (Surr)    | 96        |           | 64 - 132 |         |      |   |          | 11/24/23 13:37 | 1       |

## Method: EPA 300.0 - Anions, Ion Chromatography

| Analyte              | Result | Qualifier | RL   | MDL   | Unit | D | Prepared | Analyzed       | Dil Fac |
|----------------------|--------|-----------|------|-------|------|---|----------|----------------|---------|
| Nitrate as N         | 0.063  | U         | 0.10 | 0.063 | mg/L |   |          | 11/14/23 22:16 | 1       |
| Nitrate Nitrite as N | 0.063  | U         | 0.10 | 0.063 | mg/L |   |          | 11/14/23 22:16 | 1       |
| Nitrite as N         | 0.083  | U         | 0.10 | 0.083 | mg/L |   |          | 11/14/23 22:16 | 1       |

## Method: EPA 300.0 - Anions, Ion Chromatography - DL

| Analyte              | Result | Qualifier | RL  | MDL  | Unit | D | Prepared | Analyzed       | Dil Fac |
|----------------------|--------|-----------|-----|------|------|---|----------|----------------|---------|
| Nitrate as N         | 0.63   | U H       | 1.0 | 0.63 | mg/L |   |          | 11/16/23 15:29 | 10      |
| Nitrate Nitrite as N | 0.63   | U H       | 1.0 | 0.63 | mg/L |   |          | 11/16/23 15:29 | 10      |
| Nitrite as N         | 0.83   | U H       | 1.0 | 0.83 | mg/L |   |          | 11/16/23 15:29 | 10      |

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## Client Sample Results

Client: Stantec Consulting Services Inc  
Project/Site: Blanco Field North Flare Pit

Job ID: 400-246636-1

Client Sample ID: MW-48

Lab Sample ID: 400-246636-9

Date Collected: 11/13/23 08:26

Matrix: Water

Date Received: 11/14/23 08:56

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

| Analyte        | Result | Qualifier | RL    | MDL   | Unit | D | Prepared | Analyzed       | Dil Fac |
|----------------|--------|-----------|-------|-------|------|---|----------|----------------|---------|
| Benzene        | 3.9    |           | 0.020 | 0.010 | mg/L |   |          | 11/22/23 11:55 | 20      |
| Ethylbenzene   | 0.040  |           | 0.020 | 0.010 | mg/L |   |          | 11/22/23 11:55 | 20      |
| Toluene        | 0.018  | U         | 0.020 | 0.018 | mg/L |   |          | 11/22/23 11:55 | 20      |
| Xylenes, Total | 0.032  | U         | 0.20  | 0.032 | mg/L |   |          | 11/22/23 11:55 | 20      |

| Surrogate            | %Recovery | Qualifier | Limits   | Prepared | Analyzed       | Dil Fac |
|----------------------|-----------|-----------|----------|----------|----------------|---------|
| 4-Bromofluorobenzene | 95        |           | 72 - 130 |          | 11/22/23 11:55 | 20      |
| Dibromofluoromethane | 113       |           | 75 - 126 |          | 11/22/23 11:55 | 20      |
| Toluene-d8 (Surr)    | 91        |           | 64 - 132 |          | 11/22/23 11:55 | 20      |

## Method: EPA 300.0 - Anions, Ion Chromatography

| Analyte              | Result | Qualifier | RL   | MDL   | Unit | D | Prepared | Analyzed       | Dil Fac |
|----------------------|--------|-----------|------|-------|------|---|----------|----------------|---------|
| Nitrate as N         | 0.063  | U         | 0.10 | 0.063 | mg/L |   |          | 11/14/23 22:24 | 1       |
| Nitrate Nitrite as N | 0.063  | U         | 0.10 | 0.063 | mg/L |   |          | 11/14/23 22:24 | 1       |
| Nitrite as N         | 0.083  | U         | 0.10 | 0.083 | mg/L |   |          | 11/14/23 22:24 | 1       |

## Method: EPA 300.0 - Anions, Ion Chromatography - DL

| Analyte              | Result | Qualifier | RL  | MDL  | Unit | D | Prepared | Analyzed       | Dil Fac |
|----------------------|--------|-----------|-----|------|------|---|----------|----------------|---------|
| Nitrate as N         | 0.63   | U H       | 1.0 | 0.63 | mg/L |   |          | 11/16/23 15:37 | 10      |
| Nitrate Nitrite as N | 0.63   | U H       | 1.0 | 0.63 | mg/L |   |          | 11/16/23 15:37 | 10      |
| Nitrite as N         | 0.83   | U H       | 1.0 | 0.83 | mg/L |   |          | 11/16/23 15:37 | 10      |

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## Client Sample Results

Client: Stantec Consulting Services Inc  
Project/Site: Blanco Field North Flare Pit

Job ID: 400-246636-1

Client Sample ID: MW-50

Lab Sample ID: 400-246636-10

Date Collected: 11/13/23 10:11

Matrix: Water

Date Received: 11/14/23 08:56

## 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 |   |          | 11/27/23 09:41 | 1       |
| Ethylbenzene   | 0.00050 | U         | 0.0010 | 0.00050 | mg/L |   |          | 11/27/23 09:41 | 1       |
| Toluene        | 0.00090 | U         | 0.0010 | 0.00090 | mg/L |   |          | 11/27/23 09:41 | 1       |
| Xylenes, Total | 0.0016  | U         | 0.010  | 0.0016  | mg/L |   |          | 11/27/23 09:41 | 1       |

| Surrogate            | %Recovery | Qualifier | Limits   | Prepared | Analyzed       | Dil Fac |
|----------------------|-----------|-----------|----------|----------|----------------|---------|
| 4-Bromofluorobenzene | 101       |           | 72 - 130 |          | 11/27/23 09:41 | 1       |
| Dibromofluoromethane | 95        |           | 75 - 126 |          | 11/27/23 09:41 | 1       |
| Toluene-d8 (Surr)    | 100       |           | 64 - 132 |          | 11/27/23 09:41 | 1       |

## Method: EPA 300.0 - Anions, Ion Chromatography

| Analyte              | Result | Qualifier | RL   | MDL   | Unit | D | Prepared | Analyzed       | Dil Fac |
|----------------------|--------|-----------|------|-------|------|---|----------|----------------|---------|
| Nitrate as N         | 0.063  | U         | 0.10 | 0.063 | mg/L |   |          | 11/14/23 22:31 | 1       |
| Nitrate Nitrite as N | 0.063  | U         | 0.10 | 0.063 | mg/L |   |          | 11/14/23 22:31 | 1       |
| Nitrite as N         | 0.083  | U         | 0.10 | 0.083 | mg/L |   |          | 11/14/23 22:31 | 1       |

## Method: EPA 300.0 - Anions, Ion Chromatography - DL

| Analyte              | Result | Qualifier | RL  | MDL  | Unit | D | Prepared | Analyzed       | Dil Fac |
|----------------------|--------|-----------|-----|------|------|---|----------|----------------|---------|
| Nitrate as N         | 96     | H         | 1.0 | 0.63 | mg/L |   |          | 11/16/23 15:44 | 10      |
| Nitrate Nitrite as N | 96     | H         | 1.0 | 0.63 | mg/L |   |          | 11/16/23 15:44 | 10      |
| Nitrite as N         | 0.83   | U H       | 1.0 | 0.83 | mg/L |   |          | 11/16/23 15:44 | 10      |

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## Client Sample Results

Client: Stantec Consulting Services Inc  
Project/Site: Blanco Field North Flare Pit

Job ID: 400-246636-1

Client Sample ID: MW-51

Lab Sample ID: 400-246636-11

Date Collected: 11/13/23 08:52

Matrix: Water

Date Received: 11/14/23 08:56

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

| Analyte        | Result | Qualifier | RL     | MDL    | Unit | D | Prepared | Analyzed       | Dil Fac |
|----------------|--------|-----------|--------|--------|------|---|----------|----------------|---------|
| Benzene        | 0.73   |           | 0.0050 | 0.0025 | mg/L |   |          | 11/24/23 09:26 | 5       |
| Ethylbenzene   | 0.0097 |           | 0.0050 | 0.0025 | mg/L |   |          | 11/24/23 09:26 | 5       |
| Toluene        | 0.0045 | U         | 0.0050 | 0.0045 | mg/L |   |          | 11/24/23 09:26 | 5       |
| Xylenes, Total | 0.0080 | U         | 0.050  | 0.0080 | mg/L |   |          | 11/24/23 09:26 | 5       |

| Surrogate            | %Recovery | Qualifier | Limits   |  |  |  | Prepared | Analyzed       | Dil Fac |
|----------------------|-----------|-----------|----------|--|--|--|----------|----------------|---------|
| 4-Bromofluorobenzene | 96        |           | 72 - 130 |  |  |  |          | 11/24/23 09:26 | 5       |
| Dibromofluoromethane | 116       |           | 75 - 126 |  |  |  |          | 11/24/23 09:26 | 5       |
| Toluene-d8 (Surr)    | 90        |           | 64 - 132 |  |  |  |          | 11/24/23 09:26 | 5       |

## Method: EPA 300.0 - Anions, Ion Chromatography

| Analyte              | Result | Qualifier | RL   | MDL   | Unit | D | Prepared | Analyzed       | Dil Fac |
|----------------------|--------|-----------|------|-------|------|---|----------|----------------|---------|
| Nitrate as N         | 0.063  | U F1      | 0.10 | 0.063 | mg/L |   |          | 11/14/23 22:39 | 1       |
| Nitrate Nitrite as N | 0.063  | U F1      | 0.10 | 0.063 | mg/L |   |          | 11/14/23 22:39 | 1       |
| Nitrite as N         | 0.083  | U F1 F2   | 0.10 | 0.083 | mg/L |   |          | 11/14/23 22:39 | 1       |

## Method: EPA 300.0 - Anions, Ion Chromatography - DL

| Analyte              | Result | Qualifier | RL  | MDL  | Unit | D | Prepared | Analyzed       | Dil Fac |
|----------------------|--------|-----------|-----|------|------|---|----------|----------------|---------|
| Nitrate as N         | 0.63   | U H       | 1.0 | 0.63 | mg/L |   |          | 11/16/23 15:52 | 10      |
| Nitrate Nitrite as N | 0.63   | U H       | 1.0 | 0.63 | mg/L |   |          | 11/16/23 15:52 | 10      |
| Nitrite as N         | 0.83   | U H       | 1.0 | 0.83 | mg/L |   |          | 11/16/23 15:52 | 10      |

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## Client Sample Results

Client: Stantec Consulting Services Inc  
Project/Site: Blanco Field North Flare Pit

Job ID: 400-246636-1

Client Sample ID: MW-52

Lab Sample ID: 400-246636-12

Date Collected: 11/13/23 09:10

Matrix: Water

Date Received: 11/14/23 08:56

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

| Analyte              | Result    | Qualifier | RL       | MDL    | Unit | D | Prepared | Analyzed       | Dil Fac |
|----------------------|-----------|-----------|----------|--------|------|---|----------|----------------|---------|
| Benzene              | 0.31      |           | 0.0020   | 0.0010 | mg/L |   |          | 11/17/23 21:26 | 2       |
| Ethylbenzene         | 0.0010    | U         | 0.0020   | 0.0010 | mg/L |   |          | 11/17/23 21:26 | 2       |
| Toluene              | 0.0018    | U         | 0.0020   | 0.0018 | mg/L |   |          | 11/17/23 21:26 | 2       |
| Xylenes, Total       | 0.0032    | U         | 0.020    | 0.0032 | mg/L |   |          | 11/17/23 21:26 | 2       |
| Surrogate            | %Recovery | Qualifier | Limits   |        |      |   | Prepared | Analyzed       | Dil Fac |
| 4-Bromofluorobenzene | 108       |           | 72 - 130 |        |      |   |          | 11/17/23 21:26 | 2       |
| Dibromofluoromethane | 106       |           | 75 - 126 |        |      |   |          | 11/17/23 21:26 | 2       |
| Toluene-d8 (Surr)    | 101       |           | 64 - 132 |        |      |   |          | 11/17/23 21:26 | 2       |

## Method: EPA 300.0 - Anions, Ion Chromatography

| Analyte              | Result | Qualifier | RL   | MDL   | Unit | D | Prepared | Analyzed       | Dil Fac |
|----------------------|--------|-----------|------|-------|------|---|----------|----------------|---------|
| Nitrate as N         | 0.063  | U         | 0.10 | 0.063 | mg/L |   |          | 11/14/23 23:01 | 1       |
| Nitrate Nitrite as N | 0.063  | U         | 0.10 | 0.063 | mg/L |   |          | 11/14/23 23:01 | 1       |
| Nitrite as N         | 0.083  | U         | 0.10 | 0.083 | mg/L |   |          | 11/14/23 23:01 | 1       |

## Method: EPA 300.0 - Anions, Ion Chromatography - DL

| Analyte              | Result | Qualifier | RL  | MDL  | Unit | D | Prepared | Analyzed       | Dil Fac |
|----------------------|--------|-----------|-----|------|------|---|----------|----------------|---------|
| Nitrate as N         | 0.63   | U H       | 1.0 | 0.63 | mg/L |   |          | 11/16/23 15:59 | 10      |
| Nitrate Nitrite as N | 0.63   | U H       | 1.0 | 0.63 | mg/L |   |          | 11/16/23 15:59 | 10      |
| Nitrite as N         | 0.83   | U H       | 1.0 | 0.83 | mg/L |   |          | 11/16/23 15:59 | 10      |

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## Client Sample Results

Client: Stantec Consulting Services Inc  
Project/Site: Blanco Field North Flare Pit

Job ID: 400-246636-1

Client Sample ID: MW-53

Lab Sample ID: 400-246636-13

Date Collected: 11/13/23 11:11

Matrix: Water

Date Received: 11/14/23 08:56

## 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 |   |          | 11/24/23 13:57 | 1       |
| Ethylbenzene   | 0.00050 | U         | 0.0010 | 0.00050 | mg/L |   |          | 11/24/23 13:57 | 1       |
| Toluene        | 0.00090 | U         | 0.0010 | 0.00090 | mg/L |   |          | 11/24/23 13:57 | 1       |
| Xylenes, Total | 0.0016  | U         | 0.010  | 0.0016  | mg/L |   |          | 11/24/23 13:57 | 1       |

| Surrogate            | %Recovery | Qualifier | Limits   | Prepared | Analyzed       | Dil Fac |
|----------------------|-----------|-----------|----------|----------|----------------|---------|
| 4-Bromofluorobenzene | 105       |           | 72 - 130 |          | 11/24/23 13:57 | 1       |
| Dibromofluoromethane | 107       |           | 75 - 126 |          | 11/24/23 13:57 | 1       |
| Toluene-d8 (Surr)    | 95        |           | 64 - 132 |          | 11/24/23 13:57 | 1       |

## Method: EPA 300.0 - Anions, Ion Chromatography

| Analyte              | Result | Qualifier | RL   | MDL   | Unit | D | Prepared | Analyzed       | Dil Fac |
|----------------------|--------|-----------|------|-------|------|---|----------|----------------|---------|
| Nitrate as N         | 0.063  | U         | 0.10 | 0.063 | mg/L |   |          | 11/14/23 23:24 | 1       |
| Nitrate Nitrite as N | 0.063  | U         | 0.10 | 0.063 | mg/L |   |          | 11/14/23 23:24 | 1       |
| Nitrite as N         | 0.083  | U         | 0.10 | 0.083 | mg/L |   |          | 11/14/23 23:24 | 1       |

## Method: EPA 300.0 - Anions, Ion Chromatography - DL

| Analyte              | Result | Qualifier | RL  | MDL  | Unit | D | Prepared | Analyzed       | Dil Fac |
|----------------------|--------|-----------|-----|------|------|---|----------|----------------|---------|
| Nitrate as N         | 0.63   | U H       | 1.0 | 0.63 | mg/L |   |          | 11/16/23 16:07 | 10      |
| Nitrate Nitrite as N | 0.63   | U H       | 1.0 | 0.63 | mg/L |   |          | 11/16/23 16:07 | 10      |
| Nitrite as N         | 0.83   | U H       | 1.0 | 0.83 | mg/L |   |          | 11/16/23 16:07 | 10      |

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## Client Sample Results

Client: Stantec Consulting Services Inc  
Project/Site: Blanco Field North Flare Pit

Job ID: 400-246636-1

Client Sample ID: MW-54

Lab Sample ID: 400-246636-14

Date Collected: 11/13/23 08:17

Matrix: Water

Date Received: 11/14/23 08:56

## 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 |   |          | 11/27/23 10:01 | 1       |
| Ethylbenzene   | 0.00050 | U         | 0.0010 | 0.00050 | mg/L |   |          | 11/27/23 10:01 | 1       |
| Toluene        | 0.00090 | U         | 0.0010 | 0.00090 | mg/L |   |          | 11/27/23 10:01 | 1       |
| Xylenes, Total | 0.0016  | U         | 0.010  | 0.0016  | mg/L |   |          | 11/27/23 10:01 | 1       |

| Surrogate            | %Recovery | Qualifier | Limits   | Prepared | Analyzed       | Dil Fac |
|----------------------|-----------|-----------|----------|----------|----------------|---------|
| 4-Bromofluorobenzene | 104       |           | 72 - 130 |          | 11/27/23 10:01 | 1       |
| Dibromofluoromethane | 97        |           | 75 - 126 |          | 11/27/23 10:01 | 1       |
| Toluene-d8 (Surr)    | 101       |           | 64 - 132 |          | 11/27/23 10:01 | 1       |

## Method: EPA 300.0 - Anions, Ion Chromatography

| Analyte              | Result | Qualifier | RL   | MDL   | Unit | D | Prepared | Analyzed       | Dil Fac |
|----------------------|--------|-----------|------|-------|------|---|----------|----------------|---------|
| Nitrate as N         | 0.063  | U         | 0.10 | 0.063 | mg/L |   |          | 11/14/23 23:31 | 1       |
| Nitrate Nitrite as N | 0.063  | U         | 0.10 | 0.063 | mg/L |   |          | 11/14/23 23:31 | 1       |
| Nitrite as N         | 0.083  | U         | 0.10 | 0.083 | mg/L |   |          | 11/14/23 23:31 | 1       |

## Method: EPA 300.0 - Anions, Ion Chromatography - DL

| Analyte              | Result | Qualifier | RL  | MDL  | Unit | D | Prepared | Analyzed       | Dil Fac |
|----------------------|--------|-----------|-----|------|------|---|----------|----------------|---------|
| Nitrate as N         | 12     | H         | 1.0 | 0.63 | mg/L |   |          | 11/16/23 16:14 | 10      |
| Nitrate Nitrite as N | 12     | H         | 1.0 | 0.63 | mg/L |   |          | 11/16/23 16:14 | 10      |
| Nitrite as N         | 0.83   | U H       | 1.0 | 0.83 | mg/L |   |          | 11/16/23 16:14 | 10      |

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## Client Sample Results

Client: Stantec Consulting Services Inc  
Project/Site: Blanco Field North Flare Pit

Job ID: 400-246636-1

Client Sample ID: MW-55

Lab Sample ID: 400-246636-15

Date Collected: 11/13/23 08:38

Matrix: Water

Date Received: 11/14/23 08:56

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

| Analyte              | Result    | Qualifier | RL       | MDL     | Unit | D | Prepared | Analyzed       | Dil Fac |
|----------------------|-----------|-----------|----------|---------|------|---|----------|----------------|---------|
| Benzene              | 0.0029    |           | 0.0010   | 0.00050 | mg/L |   |          | 11/24/23 14:36 | 1       |
| Ethylbenzene         | 0.00050   | U         | 0.0010   | 0.00050 | mg/L |   |          | 11/24/23 14:36 | 1       |
| Toluene              | 0.0015    |           | 0.0010   | 0.00090 | mg/L |   |          | 11/24/23 14:36 | 1       |
| Xylenes, Total       | 0.0016    | U         | 0.010    | 0.0016  | mg/L |   |          | 11/24/23 14:36 | 1       |
| Surrogate            | %Recovery | Qualifier | Limits   |         |      |   | Prepared | Analyzed       | Dil Fac |
| 4-Bromofluorobenzene | 106       |           | 72 - 130 |         |      |   |          | 11/24/23 14:36 | 1       |
| Dibromofluoromethane | 115       |           | 75 - 126 |         |      |   |          | 11/24/23 14:36 | 1       |
| Toluene-d8 (Surr)    | 97        |           | 64 - 132 |         |      |   |          | 11/24/23 14:36 | 1       |

## Method: EPA 300.0 - Anions, Ion Chromatography

| Analyte              | Result | Qualifier | RL   | MDL   | Unit | D | Prepared | Analyzed       | Dil Fac |
|----------------------|--------|-----------|------|-------|------|---|----------|----------------|---------|
| Nitrate as N         | 0.063  | U         | 0.10 | 0.063 | mg/L |   |          | 11/14/23 23:39 | 1       |
| Nitrate Nitrite as N | 0.063  | U         | 0.10 | 0.063 | mg/L |   |          | 11/14/23 23:39 | 1       |
| Nitrite as N         | 0.083  | U         | 0.10 | 0.083 | mg/L |   |          | 11/14/23 23:39 | 1       |

## Method: EPA 300.0 - Anions, Ion Chromatography - DL

| Analyte              | Result | Qualifier | RL  | MDL  | Unit | D | Prepared | Analyzed       | Dil Fac |
|----------------------|--------|-----------|-----|------|------|---|----------|----------------|---------|
| Nitrate as N         | 0.63   | U H       | 1.0 | 0.63 | mg/L |   |          | 11/16/23 16:22 | 10      |
| Nitrate Nitrite as N | 0.63   | U H       | 1.0 | 0.63 | mg/L |   |          | 11/16/23 16:22 | 10      |
| Nitrite as N         | 0.83   | U H       | 1.0 | 0.83 | mg/L |   |          | 11/16/23 16:22 | 10      |

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## Client Sample Results

Client: Stantec Consulting Services Inc  
Project/Site: Blanco Field North Flare Pit

Job ID: 400-246636-1

Client Sample ID: MW-57

Lab Sample ID: 400-246636-16

Date Collected: 11/13/23 10:53

Matrix: Water

Date Received: 11/14/23 08:56

## 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 |   |          | 11/24/23 08:27 | 1       |
| Ethylbenzene   | 0.00050 | U         | 0.0010 | 0.00050 | mg/L |   |          | 11/24/23 08:27 | 1       |
| Toluene        | 0.00090 | U         | 0.0010 | 0.00090 | mg/L |   |          | 11/24/23 08:27 | 1       |
| Xylenes, Total | 0.0016  | U         | 0.010  | 0.0016  | mg/L |   |          | 11/24/23 08:27 | 1       |

| Surrogate            | %Recovery | Qualifier | Limits   | Prepared | Analyzed       | Dil Fac |
|----------------------|-----------|-----------|----------|----------|----------------|---------|
| 4-Bromofluorobenzene | 97        |           | 72 - 130 |          | 11/24/23 08:27 | 1       |
| Dibromofluoromethane | 103       |           | 75 - 126 |          | 11/24/23 08:27 | 1       |
| Toluene-d8 (Surr)    | 97        |           | 64 - 132 |          | 11/24/23 08:27 | 1       |

## Method: EPA 300.0 - Anions, Ion Chromatography

| Analyte              | Result | Qualifier | RL   | MDL   | Unit | D | Prepared | Analyzed       | Dil Fac |
|----------------------|--------|-----------|------|-------|------|---|----------|----------------|---------|
| Nitrate as N         | 0.063  | U F1      | 0.10 | 0.063 | mg/L |   |          | 11/15/23 00:24 | 1       |
| Nitrate Nitrite as N | 0.063  | U F1      | 0.10 | 0.063 | mg/L |   |          | 11/15/23 00:24 | 1       |
| Nitrite as N         | 0.083  | U F2 F1   | 0.10 | 0.083 | mg/L |   |          | 11/15/23 00:24 | 1       |

## Method: EPA 300.0 - Anions, Ion Chromatography - RA

| Analyte              | Result | Qualifier | RL   | MDL  | Unit | D | Prepared | Analyzed       | Dil Fac |
|----------------------|--------|-----------|------|------|------|---|----------|----------------|---------|
| Nitrate as N         | 54     | H         | 0.50 | 0.32 | mg/L |   |          | 11/16/23 16:29 | 5       |
| Nitrate Nitrite as N | 54     | H         | 0.50 | 0.32 | mg/L |   |          | 11/16/23 16:29 | 5       |
| Nitrite as N         | 0.42   | U H       | 0.50 | 0.42 | mg/L |   |          | 11/16/23 16:29 | 5       |

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## Client Sample Results

Client: Stantec Consulting Services Inc  
Project/Site: Blanco Field North Flare Pit

Job ID: 400-246636-1

Client Sample ID: MW-58

Lab Sample ID: 400-246636-17

Date Collected: 11/13/23 09:52

Matrix: Water

Date Received: 11/14/23 08:56

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

| Analyte        | Result | Qualifier | RL   | MDL   | Unit | D | Prepared | Analyzed       | Dil Fac |
|----------------|--------|-----------|------|-------|------|---|----------|----------------|---------|
| Benzene        | 9.6    |           | 0.10 | 0.050 | mg/L |   |          | 11/17/23 22:20 | 100     |
| Ethylbenzene   | 0.19   |           | 0.10 | 0.050 | mg/L |   |          | 11/17/23 22:20 | 100     |
| Toluene        | 0.090  | U         | 0.10 | 0.090 | mg/L |   |          | 11/17/23 22:20 | 100     |
| Xylenes, Total | 0.16   | U         | 1.0  | 0.16  | mg/L |   |          | 11/17/23 22:20 | 100     |

| Surrogate            | %Recovery | Qualifier | Limits   | Prepared | Analyzed       | Dil Fac |
|----------------------|-----------|-----------|----------|----------|----------------|---------|
| 4-Bromofluorobenzene | 108       |           | 72 - 130 |          | 11/17/23 22:20 | 100     |
| Dibromofluoromethane | 106       |           | 75 - 126 |          | 11/17/23 22:20 | 100     |
| Toluene-d8 (Surr)    | 103       |           | 64 - 132 |          | 11/17/23 22:20 | 100     |

## Method: EPA 300.0 - Anions, Ion Chromatography

| Analyte              | Result | Qualifier | RL   | MDL   | Unit | D | Prepared | Analyzed       | Dil Fac |
|----------------------|--------|-----------|------|-------|------|---|----------|----------------|---------|
| Nitrate as N         | 0.063  | U         | 0.10 | 0.063 | mg/L |   |          | 11/15/23 00:46 | 1       |
| Nitrate Nitrite as N | 0.063  | U         | 0.10 | 0.063 | mg/L |   |          | 11/15/23 00:46 | 1       |
| Nitrite as N         | 0.083  | U         | 0.10 | 0.083 | mg/L |   |          | 11/15/23 00:46 | 1       |

## Method: EPA 300.0 - Anions, Ion Chromatography - DL

| Analyte              | Result | Qualifier | RL  | MDL  | Unit | D | Prepared | Analyzed       | Dil Fac |
|----------------------|--------|-----------|-----|------|------|---|----------|----------------|---------|
| Nitrate as N         | 0.63   | U H       | 1.0 | 0.63 | mg/L |   |          | 11/16/23 17:09 | 10      |
| Nitrate Nitrite as N | 0.63   | U H       | 1.0 | 0.63 | mg/L |   |          | 11/16/23 17:09 | 10      |
| Nitrite as N         | 0.83   | U H       | 1.0 | 0.83 | mg/L |   |          | 11/16/23 17:09 | 10      |

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## Client Sample Results

Client: Stantec Consulting Services Inc  
Project/Site: Blanco Field North Flare Pit

Job ID: 400-246636-1

Client Sample ID: DUP-01

Lab Sample ID: 400-246636-18

Date Collected: 11/13/23 00:00

Matrix: Water

Date Received: 11/14/23 08:56

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

| Analyte        | Result | Qualifier | RL     | MDL     | Unit | D | Prepared | Analyzed       | Dil Fac |
|----------------|--------|-----------|--------|---------|------|---|----------|----------------|---------|
| Benzene        | 0.25   |           | 0.0010 | 0.00050 | mg/L |   |          | 11/24/23 09:45 | 1       |
| Ethylbenzene   | 0.0044 |           | 0.0010 | 0.00050 | mg/L |   |          | 11/24/23 09:45 | 1       |
| Toluene        | 0.0089 |           | 0.0010 | 0.00090 | mg/L |   |          | 11/24/23 09:45 | 1       |
| Xylenes, Total | 0.034  |           | 0.010  | 0.0016  | mg/L |   |          | 11/24/23 09:45 | 1       |

| Surrogate            | %Recovery | Qualifier | Limits   | Prepared | Analyzed       | Dil Fac |
|----------------------|-----------|-----------|----------|----------|----------------|---------|
| 4-Bromofluorobenzene | 96        |           | 72 - 130 |          | 11/24/23 09:45 | 1       |
| Dibromofluoromethane | 116       |           | 75 - 126 |          | 11/24/23 09:45 | 1       |
| Toluene-d8 (Surr)    | 94        |           | 64 - 132 |          | 11/24/23 09:45 | 1       |

## Method: EPA 300.0 - Anions, Ion Chromatography

| Analyte              | Result | Qualifier | RL   | MDL   | Unit | D | Prepared | Analyzed       | Dil Fac |
|----------------------|--------|-----------|------|-------|------|---|----------|----------------|---------|
| Nitrate as N         | 0.82   |           | 0.10 | 0.063 | mg/L |   |          | 11/15/23 00:54 | 1       |
| Nitrate Nitrite as N | 0.82   |           | 0.10 | 0.063 | mg/L |   |          | 11/15/23 00:54 | 1       |
| Nitrite as N         | 0.083  | U         | 0.10 | 0.083 | mg/L |   |          | 11/15/23 00:54 | 1       |

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## Client Sample Results

Client: Stantec Consulting Services Inc  
Project/Site: Blanco Field North Flare Pit

Job ID: 400-246636-1

Client Sample ID: DUP-02

Lab Sample ID: 400-246636-19

Date Collected: 11/13/23 00:00

Matrix: Water

Date Received: 11/14/23 08:56

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

| Analyte        | Result | Qualifier | RL    | MDL    | Unit | D | Prepared | Analyzed       | Dil Fac |
|----------------|--------|-----------|-------|--------|------|---|----------|----------------|---------|
| Benzene        | 2.5    |           | 0.010 | 0.0050 | mg/L |   |          | 11/24/23 10:04 | 10      |
| Ethylbenzene   | 0.020  |           | 0.010 | 0.0050 | mg/L |   |          | 11/24/23 10:04 | 10      |
| Toluene        | 0.0090 | U         | 0.010 | 0.0090 | mg/L |   |          | 11/24/23 10:04 | 10      |
| Xylenes, Total | 0.016  | U         | 0.10  | 0.016  | mg/L |   |          | 11/24/23 10:04 | 10      |

| Surrogate            | %Recovery | Qualifier | Limits   | Prepared | Analyzed       | Dil Fac |
|----------------------|-----------|-----------|----------|----------|----------------|---------|
| 4-Bromofluorobenzene | 98        |           | 72 - 130 |          | 11/24/23 10:04 | 10      |
| Dibromofluoromethane | 114       |           | 75 - 126 |          | 11/24/23 10:04 | 10      |
| Toluene-d8 (Surr)    | 92        |           | 64 - 132 |          | 11/24/23 10:04 | 10      |

## Method: EPA 300.0 - Anions, Ion Chromatography

| Analyte              | Result | Qualifier | RL   | MDL   | Unit | D | Prepared | Analyzed       | Dil Fac |
|----------------------|--------|-----------|------|-------|------|---|----------|----------------|---------|
| Nitrate as N         | 0.063  | U H       | 0.10 | 0.063 | mg/L |   |          | 11/15/23 01:01 | 1       |
| Nitrate Nitrite as N | 0.063  | U H       | 0.10 | 0.063 | mg/L |   |          | 11/15/23 01:01 | 1       |
| Nitrite as N         | 0.083  | U H       | 0.10 | 0.083 | mg/L |   |          | 11/15/23 01:01 | 1       |

## Method: EPA 300.0 - Anions, Ion Chromatography - DL

| Analyte              | Result | Qualifier | RL  | MDL  | Unit | D | Prepared | Analyzed       | Dil Fac |
|----------------------|--------|-----------|-----|------|------|---|----------|----------------|---------|
| Nitrate as N         | 0.63   | U H       | 1.0 | 0.63 | mg/L |   |          | 11/16/23 17:54 | 10      |
| Nitrate Nitrite as N | 0.63   | U H       | 1.0 | 0.63 | mg/L |   |          | 11/16/23 17:54 | 10      |
| Nitrite as N         | 0.83   | U H       | 1.0 | 0.83 | mg/L |   |          | 11/16/23 17:54 | 10      |

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Client Sample Results

Client: Stantec Consulting Services Inc  
Project/Site: Blanco Field North Flare Pit

Job ID: 400-246636-1

Client Sample ID: TB-01  
Date Collected: 11/13/23 07:00  
Date Received: 11/14/23 08:56

Lab Sample ID: 400-246636-20  
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 |   |          | 11/24/23 08:08 | 1       |
| Ethylbenzene                                              | 0.00050   | U         | 0.0010   | 0.00050 | mg/L |   |          | 11/24/23 08:08 | 1       |
| Toluene                                                   | 0.00090   | U         | 0.0010   | 0.00090 | mg/L |   |          | 11/24/23 08:08 | 1       |
| Xylenes, Total                                            | 0.0016    | U         | 0.010    | 0.0016  | mg/L |   |          | 11/24/23 08:08 | 1       |
| Surrogate                                                 | %Recovery | Qualifier | Limits   |         |      |   | Prepared | Analyzed       | Dil Fac |
| 4-Bromofluorobenzene                                      | 93        |           | 72 - 130 |         |      |   |          | 11/24/23 08:08 | 1       |
| Dibromofluoromethane                                      | 108       |           | 75 - 126 |         |      |   |          | 11/24/23 08:08 | 1       |
| Toluene-d8 (Surr)                                         | 92        |           | 64 - 132 |         |      |   |          | 11/24/23 08:08 | 1       |

## Definitions/Glossary

Client: Stantec Consulting Services Inc  
Project/Site: Blanco Field North Flare Pit

Job ID: 400-246636-1

## Qualifiers

## GC/MS VOA

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

## HPLC/IC

| Qualifier | Qualifier Description                                                                                                                                     |
|-----------|-----------------------------------------------------------------------------------------------------------------------------------------------------------|
| 4         | MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable. |
| E         | Result exceeded calibration range.                                                                                                                        |
| F1        | MS and/or MSD recovery exceeds control limits.                                                                                                            |
| F2        | MS/MSD RPD exceeds control limits                                                                                                                         |
| H         | Sample was prepped or analyzed beyond the specified holding time. This does not meet regulatory requirements.                                             |
| J         | Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.                                            |
| 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                                                                                       |

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## Surrogate Summary

Client: Stantec Consulting Services Inc  
Project/Site: Blanco Field North Flare Pit

Job ID: 400-246636-1

**Method: 8260D - Volatile Organic Compounds by GC/MS****Matrix: Water****Prep Type: Total/NA**

| Lab Sample ID       | Client Sample ID   | Percent Surrogate Recovery (Acceptance Limits) |                  |                 |
|---------------------|--------------------|------------------------------------------------|------------------|-----------------|
|                     |                    | BFB<br>(72-130)                                | DBFM<br>(75-126) | TOL<br>(64-132) |
| 400-246636-1        | MW-23              | 110                                            | 107              | 102             |
| 400-246636-2        | MW-40              | 98                                             | 109              | 93              |
| 400-246636-3        | MW-41              | 102                                            | 110              | 100             |
| 400-246636-4        | MW-42              | 99                                             | 110              | 95              |
| 400-246636-5        | MW-43              | 97                                             | 104              | 103             |
| 400-246636-6        | MW-44              | 117                                            | 109              | 97              |
| 400-246636-7        | MW-45              | 97                                             | 112              | 94              |
| 400-246636-8        | MW-46              | 100                                            | 98               | 96              |
| 400-246636-9        | MW-48              | 95                                             | 113              | 91              |
| 400-246636-10       | MW-50              | 101                                            | 95               | 100             |
| 400-246636-10 MS    | MW-50              | 101                                            | 92               | 100             |
| 400-246636-10 MSD   | MW-50              | 102                                            | 94               | 98              |
| 400-246636-11       | MW-51              | 96                                             | 116              | 90              |
| 400-246636-11 MS    | MW-51              | 101                                            | 102              | 90              |
| 400-246636-11 MSD   | MW-51              | 104                                            | 100              | 93              |
| 400-246636-12       | MW-52              | 108                                            | 106              | 101             |
| 400-246636-13       | MW-53              | 105                                            | 107              | 95              |
| 400-246636-14       | MW-54              | 104                                            | 97               | 101             |
| 400-246636-15       | MW-55              | 106                                            | 115              | 97              |
| 400-246636-16       | MW-57              | 97                                             | 103              | 97              |
| 400-246636-16 MS    | MW-57              | 101                                            | 94               | 100             |
| 400-246636-16 MSD   | MW-57              | 103                                            | 102              | 92              |
| 400-246636-17       | MW-58              | 108                                            | 106              | 103             |
| 400-246636-18       | DUP-01             | 96                                             | 116              | 94              |
| 400-246636-19       | DUP-02             | 98                                             | 114              | 92              |
| 400-246636-20       | TB-01              | 93                                             | 108              | 92              |
| LCS 400-650761/1001 | Lab Control Sample | 105                                            | 106              | 103             |
| LCS 400-651404/1002 | Lab Control Sample | 98                                             | 104              | 93              |
| LCS 400-651596/1002 | Lab Control Sample | 99                                             | 100              | 93              |
| LCS 400-651654/1002 | Lab Control Sample | 100                                            | 101              | 92              |
| MB 400-650761/3     | Method Blank       | 107                                            | 110              | 103             |
| MB 400-651404/4     | Method Blank       | 96                                             | 110              | 95              |
| MB 400-651596/4     | Method Blank       | 95                                             | 107              | 92              |
| MB 400-651654/5     | Method Blank       | 101                                            | 111              | 92              |

**Surrogate Legend**

BFB = 4-Bromofluorobenzene

DBFM = Dibromofluoromethane

TOL = Toluene-d8 (Surr)

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## Lab Chronicle

Client: Stantec Consulting Services Inc  
Project/Site: Blanco Field North Flare Pit

Job ID: 400-246636-1

Client Sample ID: MW-23

Date Collected: 11/13/23 09:30

Date Received: 11/14/23 08:56

Lab Sample ID: 400-246636-1

Matrix: Water

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab     |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Total/NA  | Analysis   | 8260D        |     | 50         | 5 mL           | 5 mL         | 650761       | 11/17/23 21:53       | WPD     | EET PEN |
| Total/NA  | Analysis   | 300.0        |     | 1          | 0 mL           | 1.0 mL       | 650134       | 11/14/23 21:08       | JN      | EET PEN |
| Total/NA  | Analysis   | 300.0        | DL  | 10         |                |              | 650581       | 11/16/23 14:22       | JN      | EET PEN |

Client Sample ID: MW-40

Date Collected: 11/13/23 07:15

Date Received: 11/14/23 08:56

Lab Sample ID: 400-246636-2

Matrix: Water

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab     |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Total/NA  | Analysis   | 8260D        |     | 1          | 5 mL           | 5 mL         | 651404       | 11/22/23 15:09       | WPD     | EET PEN |
| Total/NA  | Analysis   | 300.0        |     | 1          | 0 mL           | 1.0 mL       | 650134       | 11/14/23 21:16       | JN      | EET PEN |
| Total/NA  | Analysis   | 300.0        | RA  | 10         |                |              | 650581       | 11/16/23 14:29       | JN      | EET PEN |

Client Sample ID: MW-41

Date Collected: 11/13/23 07:40

Date Received: 11/14/23 08:56

Lab Sample ID: 400-246636-3

Matrix: Water

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab     |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Total/NA  | Analysis   | 8260D        |     | 1          | 5 mL           | 5 mL         | 651404       | 11/22/23 15:28       | WPD     | EET PEN |
| Total/NA  | Analysis   | 300.0        |     | 1          | 0 mL           | 1.0 mL       | 650134       | 11/14/23 21:23       | JN      | EET PEN |
| Total/NA  | Analysis   | 300.0        | RA  | 10         |                |              | 650581       | 11/16/23 14:37       | JN      | EET PEN |

Client Sample ID: MW-42

Date Collected: 11/13/23 07:55

Date Received: 11/14/23 08:56

Lab Sample ID: 400-246636-4

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         | 651596       | 11/24/23 08:47       | WPD     | EET PEN |
| Total/NA  | Analysis   | 300.0        |     | 1          | 0 mL           | 1.0 mL       | 650134       | 11/14/23 21:31       | JN      | EET PEN |
| Total/NA  | Analysis   | 300.0        |     | 10         |                |              | 650581       | 11/16/23 14:44       | JN      | EET PEN |

Client Sample ID: MW-43

Date Collected: 11/13/23 10:36

Date Received: 11/14/23 08:56

Lab Sample ID: 400-246636-5

Matrix: Water

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab     |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Total/NA  | Analysis   | 8260D        |     | 1          | 5 mL           | 5 mL         | 651596       | 11/24/23 09:06       | WPD     | EET PEN |
| Total/NA  | Analysis   | 300.0        |     | 1          |                |              | 650134       | 11/14/23 21:53       | JN      | EET PEN |
| Total/NA  | Analysis   | 300.0        |     | 10         |                |              | 650581       | 11/16/23 14:52       | JN      | EET PEN |

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## Lab Chronicle

Client: Stantec Consulting Services Inc  
Project/Site: Blanco Field North Flare Pit

Job ID: 400-246636-1

Client Sample ID: MW-44

Lab Sample ID: 400-246636-6

Date Collected: 11/13/23 10:25

Matrix: Water

Date Received: 11/14/23 08:56

| 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         | 650761       | 11/17/23 18:17       | WPD     | EET PEN |
| Total/NA  | Analysis   | 300.0        |     | 1          | 0 mL           | 1.0 mL       | 650134       | 11/14/23 22:01       | JN      | EET PEN |
| Total/NA  | Analysis   | 300.0        |     | 10         |                |              | 650581       | 11/16/23 14:59       | JN      | EET PEN |

Client Sample ID: MW-45

Lab Sample ID: 400-246636-7

Date Collected: 11/13/23 09:40

Matrix: Water

Date Received: 11/14/23 08:56

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab     |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Total/NA  | Analysis   | 8260D        |     | 5          | 5 mL           | 5 mL         | 651404       | 11/22/23 11:36       | WPD     | EET PEN |
| Total/NA  | Analysis   | 300.0        |     | 1          | 0 mL           | 1.0 mL       | 650134       | 11/14/23 22:09       | JN      | EET PEN |
| Total/NA  | Analysis   | 300.0        |     | 10         |                |              | 650581       | 11/16/23 15:22       | JN      | EET PEN |

Client Sample ID: MW-46

Lab Sample ID: 400-246636-8

Date Collected: 11/13/23 08:05

Matrix: Water

Date Received: 11/14/23 08:56

| 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         | 651596       | 11/24/23 13:37       | WPD     | EET PEN |
| Total/NA  | Analysis   | 300.0        |     | 1          | 0 mL           | 1.0 mL       | 650134       | 11/14/23 22:16       | JN      | EET PEN |
| Total/NA  | Analysis   | 300.0        | DL  | 10         |                |              | 650581       | 11/16/23 15:29       | JN      | EET PEN |

Client Sample ID: MW-48

Lab Sample ID: 400-246636-9

Date Collected: 11/13/23 08:26

Matrix: Water

Date Received: 11/14/23 08:56

| 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         | 651404       | 11/22/23 11:55       | WPD     | EET PEN |
| Total/NA  | Analysis   | 300.0        |     | 1          | 0 mL           | 1.0 mL       | 650134       | 11/14/23 22:24       | JN      | EET PEN |
| Total/NA  | Analysis   | 300.0        | DL  | 10         |                |              | 650581       | 11/16/23 15:37       | JN      | EET PEN |

Client Sample ID: MW-50

Lab Sample ID: 400-246636-10

Date Collected: 11/13/23 10:11

Matrix: Water

Date Received: 11/14/23 08:56

| 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         | 651654       | 11/27/23 09:41       | WPD     | EET PEN |
| Total/NA  | Analysis   | 300.0        |     | 1          | 0 mL           | 1.0 mL       | 650134       | 11/14/23 22:31       | JN      | EET PEN |
| Total/NA  | Analysis   | 300.0        | DL  | 10         |                |              | 650581       | 11/16/23 15:44       | JN      | EET PEN |

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## Lab Chronicle

Client: Stantec Consulting Services Inc  
Project/Site: Blanco Field North Flare Pit

Job ID: 400-246636-1

**Client Sample ID: MW-51****Date Collected: 11/13/23 08:52****Date Received: 11/14/23 08:56****Lab Sample ID: 400-246636-11****Matrix: Water**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab     |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Total/NA  | Analysis   | 8260D        |     | 5          | 5 mL           | 5 mL         | 651596       | 11/24/23 09:26       | WPD     | EET PEN |
| Total/NA  | Analysis   | 300.0        |     | 1          | 0 mL           | 1.0 mL       | 650134       | 11/14/23 22:39       | JN      | EET PEN |
| Total/NA  | Analysis   | 300.0        | DL  | 10         |                |              | 650581       | 11/16/23 15:52       | JN      | EET PEN |

**Client Sample ID: MW-52****Date Collected: 11/13/23 09:10****Date Received: 11/14/23 08:56****Lab Sample ID: 400-246636-12****Matrix: Water**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab     |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Total/NA  | Analysis   | 8260D        |     | 2          | 5 mL           | 5 mL         | 650761       | 11/17/23 21:26       | WPD     | EET PEN |
| Total/NA  | Analysis   | 300.0        |     | 1          | 0 mL           | 1.0 mL       | 650134       | 11/14/23 23:01       | JN      | EET PEN |
| Total/NA  | Analysis   | 300.0        | DL  | 10         |                |              | 650581       | 11/16/23 15:59       | JN      | EET PEN |

**Client Sample ID: MW-53****Date Collected: 11/13/23 11:11****Date Received: 11/14/23 08:56****Lab Sample ID: 400-246636-13****Matrix: Water**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab     |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Total/NA  | Analysis   | 8260D        |     | 1          | 5 mL           | 5 mL         | 651596       | 11/24/23 13:57       | WPD     | EET PEN |
| Total/NA  | Analysis   | 300.0        |     | 1          | 0 mL           | 1.0 mL       | 650134       | 11/14/23 23:24       | JN      | EET PEN |
| Total/NA  | Analysis   | 300.0        | DL  | 10         |                |              | 650581       | 11/16/23 16:07       | JN      | EET PEN |

**Client Sample ID: MW-54****Date Collected: 11/13/23 08:17****Date Received: 11/14/23 08:56****Lab Sample ID: 400-246636-14****Matrix: Water**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab     |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Total/NA  | Analysis   | 8260D        |     | 1          | 5 mL           | 5 mL         | 651654       | 11/27/23 10:01       | WPD     | EET PEN |
| Total/NA  | Analysis   | 300.0        |     | 1          | 0 mL           | 1.0 mL       | 650134       | 11/14/23 23:31       | JN      | EET PEN |
| Total/NA  | Analysis   | 300.0        | DL  | 10         |                |              | 650581       | 11/16/23 16:14       | JN      | EET PEN |

**Client Sample ID: MW-55****Date Collected: 11/13/23 08:38****Date Received: 11/14/23 08:56****Lab Sample ID: 400-246636-15****Matrix: Water**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab     |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Total/NA  | Analysis   | 8260D        |     | 1          | 5 mL           | 5 mL         | 651596       | 11/24/23 14:36       | WPD     | EET PEN |
| Total/NA  | Analysis   | 300.0        |     | 1          | 0 mL           | 1.0 mL       | 650134       | 11/14/23 23:39       | JN      | EET PEN |
| Total/NA  | Analysis   | 300.0        | DL  | 10         |                |              | 650581       | 11/16/23 16:22       | JN      | EET PEN |

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## Lab Chronicle

Client: Stantec Consulting Services Inc  
Project/Site: Blanco Field North Flare Pit

Job ID: 400-246636-1

Client Sample ID: MW-57

Date Collected: 11/13/23 10:53

Date Received: 11/14/23 08:56

Lab Sample ID: 400-246636-16

Matrix: Water

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab     |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Total/NA  | Analysis   | 8260D        |     | 1          | 5 mL           | 5 mL         | 651596       | 11/24/23 08:27       | WPD     | EET PEN |
| Total/NA  | Analysis   | 300.0        |     | 1          | 0 mL           | 1.0 mL       | 650216       | 11/15/23 00:24       | JN      | EET PEN |
| Total/NA  | Analysis   | 300.0        | RA  | 5          |                |              | 650581       | 11/16/23 16:29       | JN      | EET PEN |

Client Sample ID: MW-58

Date Collected: 11/13/23 09:52

Date Received: 11/14/23 08:56

Lab Sample ID: 400-246636-17

Matrix: Water

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab     |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Total/NA  | Analysis   | 8260D        |     | 100        | 5 mL           | 5 mL         | 650761       | 11/17/23 22:20       | WPD     | EET PEN |
| Total/NA  | Analysis   | 300.0        |     | 1          | 0 mL           | 1.0 mL       | 650216       | 11/15/23 00:46       | JN      | EET PEN |
| Total/NA  | Analysis   | 300.0        | DL  | 10         |                |              | 650581       | 11/16/23 17:09       | JN      | EET PEN |

Client Sample ID: DUP-01

Date Collected: 11/13/23 00:00

Date Received: 11/14/23 08:56

Lab Sample ID: 400-246636-18

Matrix: Water

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab     |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Total/NA  | Analysis   | 8260D        |     | 1          | 5 mL           | 5 mL         | 651596       | 11/24/23 09:45       | WPD     | EET PEN |
| Total/NA  | Analysis   | 300.0        |     | 1          |                |              | 650216       | 11/15/23 00:54       | JN      | EET PEN |

Client Sample ID: DUP-02

Date Collected: 11/13/23 00:00

Date Received: 11/14/23 08:56

Lab Sample ID: 400-246636-19

Matrix: Water

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab     |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Total/NA  | Analysis   | 8260D        |     | 10         | 5 mL           | 5 mL         | 651596       | 11/24/23 10:04       | WPD     | EET PEN |
| Total/NA  | Analysis   | 300.0        |     | 1          | 0 mL           | 1.0 mL       | 650216       | 11/15/23 01:01       | JN      | EET PEN |
| Total/NA  | Analysis   | 300.0        | DL  | 10         |                |              | 650589       | 11/16/23 17:54       | JN      | EET PEN |

Client Sample ID: TB-01

Date Collected: 11/13/23 07:00

Date Received: 11/14/23 08:56

Lab Sample ID: 400-246636-20

Matrix: Water

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab     |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Total/NA  | Analysis   | 8260D        |     | 1          | 5 mL           | 5 mL         | 651596       | 11/24/23 08:08       | WPD     | EET PEN |

Client Sample ID: Method Blank

Date Collected: N/A

Date Received: N/A

Lab Sample ID: MB 400-650134/166

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          |                |              | 650134       | 11/14/23 20:31       | JN      | EET PEN |

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## Lab Chronicle

Client: Stantec Consulting Services Inc  
Project/Site: Blanco Field North Flare Pit

Job ID: 400-246636-1

**Client Sample ID: Method Blank****Lab Sample ID: MB 400-650216/202****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          |                |              | 650216       | 11/15/23 00:01       | JN      | EET PEN |

**Client Sample ID: Method Blank****Lab Sample ID: MB 400-650581/34****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          |                |              | 650581       | 11/16/23 13:52       | JN      | EET PEN |

**Client Sample ID: Method Blank****Lab Sample ID: MB 400-650589/63****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          |                |              | 650589       | 11/16/23 17:31       | JN      | EET PEN |

**Client Sample ID: Method Blank****Lab Sample ID: MB 400-650761/3****Date Collected: N/A****Matrix: Water****Date Received: N/A**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab     |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Total/NA  | Analysis   | 8260D        |     | 1          | 5 mL           | 5 mL         | 650761       | 11/17/23 12:53       | WPD     | EET PEN |

**Client Sample ID: Method Blank****Lab Sample ID: MB 400-651404/4****Date Collected: N/A****Matrix: Water****Date Received: N/A**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab     |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Total/NA  | Analysis   | 8260D        |     | 1          | 5 mL           | 5 mL         | 651404       | 11/22/23 07:58       | WPD     | EET PEN |

**Client Sample ID: Method Blank****Lab Sample ID: MB 400-651596/4****Date Collected: N/A****Matrix: Water****Date Received: N/A**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab     |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Total/NA  | Analysis   | 8260D        |     | 1          | 5 mL           | 5 mL         | 651596       | 11/24/23 07:49       | WPD     | EET PEN |

**Client Sample ID: Method Blank****Lab Sample ID: MB 400-651654/5****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   | 8260D        |     | 1          | 5 mL           | 5 mL         | 651654       | 11/27/23 08:24       | WPD     | EET PEN |

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## Lab Chronicle

Client: Stantec Consulting Services Inc  
Project/Site: Blanco Field North Flare Pit

Job ID: 400-246636-1

**Client Sample ID: Lab Control Sample****Lab Sample ID: LCS 400-650134/167****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          |                |              | 650134       | 11/14/23 20:16       | JN      | EET PEN |

**Client Sample ID: Lab Control Sample****Lab Sample ID: LCS 400-650216/203****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          |                |              | 650216       | 11/15/23 00:09       | JN      | EET PEN |

**Client Sample ID: Lab Control Sample****Lab Sample ID: LCS 400-650581/35****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          |                |              | 650581       | 11/16/23 13:59       | JN      | EET PEN |

**Client Sample ID: Lab Control Sample****Lab Sample ID: LCS 400-650589/64****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          |                |              | 650589       | 11/16/23 17:39       | JN      | EET PEN |

**Client Sample ID: Lab Control Sample****Lab Sample ID: LCS 400-650761/1001****Date Collected: N/A****Matrix: Water****Date Received: N/A**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab     |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Total/NA  | Analysis   | 8260D        |     | 1          | 5 mL           | 5 mL         | 650761       | 11/17/23 11:23       | WPD     | EET PEN |

**Client Sample ID: Lab Control Sample****Lab Sample ID: LCS 400-651404/1002****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         | 651404       | 11/22/23 07:19       | WPD     | EET PEN |

**Client Sample ID: Lab Control Sample****Lab Sample ID: LCS 400-651596/1002****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         | 651596       | 11/24/23 07:10       | WPD     | EET PEN |

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## Lab Chronicle

Client: Stantec Consulting Services Inc  
Project/Site: Blanco Field North Flare Pit

Job ID: 400-246636-1

## Client Sample ID: Lab Control Sample

Lab Sample ID: LCS 400-651654/1002

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         | 651654       | 11/27/23 07:26       | WPD     | EET PEN |

## Client Sample ID: Lab Control Sample Dup

Lab Sample ID: LCSD 400-650134/168

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          |                |              | 650134       | 11/14/23 20:23       | JN      | EET PEN |

## Client Sample ID: Lab Control Sample Dup

Lab Sample ID: LCSD 400-650216/204

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          |                |              | 650216       | 11/15/23 00:16       | JN      | EET PEN |

## Client Sample ID: Lab Control Sample Dup

Lab Sample ID: LCSD 400-650581/36

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          |                |              | 650581       | 11/16/23 14:07       | JN      | EET PEN |

## Client Sample ID: Lab Control Sample Dup

Lab Sample ID: LCSD 400-650589/65

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          |                |              | 650589       | 11/16/23 17:46       | JN      | EET PEN |

## Client Sample ID: MW-50

Lab Sample ID: 400-246636-10 MS

Date Collected: 11/13/23 10:11

Matrix: Water

Date Received: 11/14/23 08:56

| 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         | 651654       | 11/27/23 12:55       | WPD     | EET PEN |

## Client Sample ID: MW-50

Lab Sample ID: 400-246636-10 MSD

Date Collected: 11/13/23 10:11

Matrix: Water

Date Received: 11/14/23 08:56

| 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         | 651654       | 11/27/23 13:15       | WPD     | EET PEN |

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## Lab Chronicle

Client: Stantec Consulting Services Inc  
Project/Site: Blanco Field North Flare Pit

Job ID: 400-246636-1

**Client Sample ID: MW-51****Lab Sample ID: 400-246636-11 MS****Date Collected: 11/13/23 08:52****Matrix: Water****Date Received: 11/14/23 08:56**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab     |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Total/NA  | Analysis   | 8260D        |     | 5          | 5 mL           | 5 mL         | 651596       | 11/24/23 11:02       | WPD     | EET PEN |
| Total/NA  | Analysis   | 300.0        |     | 1          |                |              | 650134       | 11/14/23 22:46       | JN      | EET PEN |

**Client Sample ID: MW-51****Lab Sample ID: 400-246636-11 MSD****Date Collected: 11/13/23 08:52****Matrix: Water****Date Received: 11/14/23 08:56**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab     |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Total/NA  | Analysis   | 8260D        |     | 5          | 5 mL           | 5 mL         | 651596       | 11/24/23 11:22       | WPD     | EET PEN |
| Total/NA  | Analysis   | 300.0        |     | 1          |                |              | 650134       | 11/14/23 22:54       | JN      | EET PEN |

**Client Sample ID: MW-57****Lab Sample ID: 400-246636-16 MS****Date Collected: 11/13/23 10:53****Matrix: Water****Date Received: 11/14/23 08:56**

| 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         | 651596       | 11/24/23 10:24       | WPD     | EET PEN |
| Total/NA  | Analysis   | 300.0        |     | 1          |                |              | 650216       | 11/15/23 00:31       | JN      | EET PEN |
| Total/NA  | Analysis   | 300.0        |     | 5          |                |              | 650581       | 11/16/23 16:54       | JN      | EET PEN |

**Client Sample ID: MW-57****Lab Sample ID: 400-246636-16 MSD****Date Collected: 11/13/23 10:53****Matrix: Water****Date Received: 11/14/23 08:56**

| 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         | 651596       | 11/24/23 10:43       | WPD     | EET PEN |
| Total/NA  | Analysis   | 300.0        |     | 1          |                |              | 650216       | 11/15/23 00:39       | JN      | EET PEN |
| Total/NA  | Analysis   | 300.0        |     | 5          |                |              | 650581       | 11/16/23 17:01       | JN      | EET PEN |

**Laboratory References:**

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

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## QC Association Summary

Client: Stantec Consulting Services Inc  
Project/Site: Blanco Field North Flare Pit

Job ID: 400-246636-1

## GC/MS VOA

## Analysis Batch: 650761

| Lab Sample ID       | Client Sample ID   | Prep Type | Matrix | Method | Prep Batch |
|---------------------|--------------------|-----------|--------|--------|------------|
| 400-246636-1        | MW-23              | Total/NA  | Water  | 8260D  |            |
| 400-246636-6        | MW-44              | Total/NA  | Water  | 8260D  |            |
| 400-246636-12       | MW-52              | Total/NA  | Water  | 8260D  |            |
| 400-246636-17       | MW-58              | Total/NA  | Water  | 8260D  |            |
| MB 400-650761/3     | Method Blank       | Total/NA  | Water  | 8260D  |            |
| LCS 400-650761/1001 | Lab Control Sample | Total/NA  | Water  | 8260D  |            |

## Analysis Batch: 651404

| Lab Sample ID       | Client Sample ID   | Prep Type | Matrix | Method | Prep Batch |
|---------------------|--------------------|-----------|--------|--------|------------|
| 400-246636-2        | MW-40              | Total/NA  | Water  | 8260D  |            |
| 400-246636-3        | MW-41              | Total/NA  | Water  | 8260D  |            |
| 400-246636-7        | MW-45              | Total/NA  | Water  | 8260D  |            |
| 400-246636-9        | MW-48              | Total/NA  | Water  | 8260D  |            |
| MB 400-651404/4     | Method Blank       | Total/NA  | Water  | 8260D  |            |
| LCS 400-651404/1002 | Lab Control Sample | Total/NA  | Water  | 8260D  |            |

## Analysis Batch: 651596

| Lab Sample ID       | Client Sample ID   | Prep Type | Matrix | Method | Prep Batch |
|---------------------|--------------------|-----------|--------|--------|------------|
| 400-246636-4        | MW-42              | Total/NA  | Water  | 8260D  |            |
| 400-246636-5        | MW-43              | Total/NA  | Water  | 8260D  |            |
| 400-246636-8        | MW-46              | Total/NA  | Water  | 8260D  |            |
| 400-246636-11       | MW-51              | Total/NA  | Water  | 8260D  |            |
| 400-246636-13       | MW-53              | Total/NA  | Water  | 8260D  |            |
| 400-246636-15       | MW-55              | Total/NA  | Water  | 8260D  |            |
| 400-246636-16       | MW-57              | Total/NA  | Water  | 8260D  |            |
| 400-246636-18       | DUP-01             | Total/NA  | Water  | 8260D  |            |
| 400-246636-19       | DUP-02             | Total/NA  | Water  | 8260D  |            |
| 400-246636-20       | TB-01              | Total/NA  | Water  | 8260D  |            |
| MB 400-651596/4     | Method Blank       | Total/NA  | Water  | 8260D  |            |
| LCS 400-651596/1002 | Lab Control Sample | Total/NA  | Water  | 8260D  |            |
| 400-246636-11 MS    | MW-51              | Total/NA  | Water  | 8260D  |            |
| 400-246636-11 MSD   | MW-51              | Total/NA  | Water  | 8260D  |            |
| 400-246636-16 MS    | MW-57              | Total/NA  | Water  | 8260D  |            |
| 400-246636-16 MSD   | MW-57              | Total/NA  | Water  | 8260D  |            |

## Analysis Batch: 651654

| Lab Sample ID       | Client Sample ID   | Prep Type | Matrix | Method | Prep Batch |
|---------------------|--------------------|-----------|--------|--------|------------|
| 400-246636-10       | MW-50              | Total/NA  | Water  | 8260D  |            |
| 400-246636-14       | MW-54              | Total/NA  | Water  | 8260D  |            |
| MB 400-651654/5     | Method Blank       | Total/NA  | Water  | 8260D  |            |
| LCS 400-651654/1002 | Lab Control Sample | Total/NA  | Water  | 8260D  |            |
| 400-246636-10 MS    | MW-50              | Total/NA  | Water  | 8260D  |            |
| 400-246636-10 MSD   | MW-50              | Total/NA  | Water  | 8260D  |            |

## HPLC/IC

## Analysis Batch: 650134

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---------------|------------------|-----------|--------|--------|------------|
| 400-246636-1  | MW-23            | Total/NA  | Water  | 300.0  |            |
| 400-246636-2  | MW-40            | Total/NA  | Water  | 300.0  |            |
| 400-246636-3  | MW-41            | Total/NA  | Water  | 300.0  |            |

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## QC Association Summary

Client: Stantec Consulting Services Inc  
Project/Site: Blanco Field North Flare Pit

Job ID: 400-246636-1

## HPLC/IC (Continued)

## Analysis Batch: 650134 (Continued)

| Lab Sample ID       | Client Sample ID       | Prep Type | Matrix | Method | Prep Batch |
|---------------------|------------------------|-----------|--------|--------|------------|
| 400-246636-4        | MW-42                  | Total/NA  | Water  | 300.0  |            |
| 400-246636-5        | MW-43                  | Total/NA  | Water  | 300.0  |            |
| 400-246636-6        | MW-44                  | Total/NA  | Water  | 300.0  |            |
| 400-246636-7        | MW-45                  | Total/NA  | Water  | 300.0  |            |
| 400-246636-8        | MW-46                  | Total/NA  | Water  | 300.0  |            |
| 400-246636-9        | MW-48                  | Total/NA  | Water  | 300.0  |            |
| 400-246636-10       | MW-50                  | Total/NA  | Water  | 300.0  |            |
| 400-246636-11       | MW-51                  | Total/NA  | Water  | 300.0  |            |
| 400-246636-12       | MW-52                  | Total/NA  | Water  | 300.0  |            |
| 400-246636-13       | MW-53                  | Total/NA  | Water  | 300.0  |            |
| 400-246636-14       | MW-54                  | Total/NA  | Water  | 300.0  |            |
| 400-246636-15       | MW-55                  | Total/NA  | Water  | 300.0  |            |
| MB 400-650134/166   | Method Blank           | Total/NA  | Water  | 300.0  |            |
| LCS 400-650134/167  | Lab Control Sample     | Total/NA  | Water  | 300.0  |            |
| LCSD 400-650134/168 | Lab Control Sample Dup | Total/NA  | Water  | 300.0  |            |
| 400-246636-11 MS    | MW-51                  | Total/NA  | Water  | 300.0  |            |
| 400-246636-11 MSD   | MW-51                  | Total/NA  | Water  | 300.0  |            |

## Analysis Batch: 650216

| Lab Sample ID       | Client Sample ID       | Prep Type | Matrix | Method | Prep Batch |
|---------------------|------------------------|-----------|--------|--------|------------|
| 400-246636-16       | MW-57                  | Total/NA  | Water  | 300.0  |            |
| 400-246636-17       | MW-58                  | Total/NA  | Water  | 300.0  |            |
| 400-246636-18       | DUP-01                 | Total/NA  | Water  | 300.0  |            |
| 400-246636-19       | DUP-02                 | Total/NA  | Water  | 300.0  |            |
| MB 400-650216/202   | Method Blank           | Total/NA  | Water  | 300.0  |            |
| LCS 400-650216/203  | Lab Control Sample     | Total/NA  | Water  | 300.0  |            |
| LCSD 400-650216/204 | Lab Control Sample Dup | Total/NA  | Water  | 300.0  |            |
| 400-246636-16 MS    | MW-57                  | Total/NA  | Water  | 300.0  |            |
| 400-246636-16 MSD   | MW-57                  | Total/NA  | Water  | 300.0  |            |

## Analysis Batch: 650581

| Lab Sample ID      | Client Sample ID   | Prep Type | Matrix | Method | Prep Batch |
|--------------------|--------------------|-----------|--------|--------|------------|
| 400-246636-1 - DL  | MW-23              | Total/NA  | Water  | 300.0  |            |
| 400-246636-2 - RA  | MW-40              | Total/NA  | Water  | 300.0  |            |
| 400-246636-3 - RA  | MW-41              | Total/NA  | Water  | 300.0  |            |
| 400-246636-4       | MW-42              | Total/NA  | Water  | 300.0  |            |
| 400-246636-5       | MW-43              | Total/NA  | Water  | 300.0  |            |
| 400-246636-6       | MW-44              | Total/NA  | Water  | 300.0  |            |
| 400-246636-7       | MW-45              | Total/NA  | Water  | 300.0  |            |
| 400-246636-8 - DL  | MW-46              | Total/NA  | Water  | 300.0  |            |
| 400-246636-9 - DL  | MW-48              | Total/NA  | Water  | 300.0  |            |
| 400-246636-10 - DL | MW-50              | Total/NA  | Water  | 300.0  |            |
| 400-246636-11 - DL | MW-51              | Total/NA  | Water  | 300.0  |            |
| 400-246636-12 - DL | MW-52              | Total/NA  | Water  | 300.0  |            |
| 400-246636-13 - DL | MW-53              | Total/NA  | Water  | 300.0  |            |
| 400-246636-14 - DL | MW-54              | Total/NA  | Water  | 300.0  |            |
| 400-246636-15 - DL | MW-55              | Total/NA  | Water  | 300.0  |            |
| 400-246636-16 - RA | MW-57              | Total/NA  | Water  | 300.0  |            |
| 400-246636-17 - DL | MW-58              | Total/NA  | Water  | 300.0  |            |
| MB 400-650581/34   | Method Blank       | Total/NA  | Water  | 300.0  |            |
| LCS 400-650581/35  | Lab Control Sample | Total/NA  | Water  | 300.0  |            |

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QC Association Summary

Client: Stantec Consulting Services Inc  
Project/Site: Blanco Field North Flare Pit

Job ID: 400-246636-1

HPLC/IC (Continued)

Analysis Batch: 650581 (Continued)

| Lab Sample ID      | Client Sample ID       | Prep Type | Matrix | Method | Prep Batch |
|--------------------|------------------------|-----------|--------|--------|------------|
| LCSD 400-650581/36 | Lab Control Sample Dup | Total/NA  | Water  | 300.0  |            |
| 400-246636-16 MS   | MW-57                  | Total/NA  | Water  | 300.0  |            |
| 400-246636-16 MSD  | MW-57                  | Total/NA  | Water  | 300.0  |            |

Analysis Batch: 650589

| Lab Sample ID      | Client Sample ID       | Prep Type | Matrix | Method | Prep Batch |
|--------------------|------------------------|-----------|--------|--------|------------|
| 400-246636-19 - DL | DUP-02                 | Total/NA  | Water  | 300.0  |            |
| MB 400-650589/63   | Method Blank           | Total/NA  | Water  | 300.0  |            |
| LCS 400-650589/64  | Lab Control Sample     | Total/NA  | Water  | 300.0  |            |
| LCSD 400-650589/65 | Lab Control Sample Dup | Total/NA  | Water  | 300.0  |            |

## QC Sample Results

Client: Stantec Consulting Services Inc  
Project/Site: Blanco Field North Flare Pit

Job ID: 400-246636-1

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

Lab Sample ID: MB 400-650761/3

Matrix: Water

Analysis Batch: 650761

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 |   |          | 11/17/23 12:53 | 1       |
| Ethylbenzene   | 0.00050   | U            | 0.0010 | 0.00050 | mg/L |   |          | 11/17/23 12:53 | 1       |
| Toluene        | 0.00090   | U            | 0.0010 | 0.00090 | mg/L |   |          | 11/17/23 12:53 | 1       |
| Xylenes, Total | 0.0016    | U            | 0.010  | 0.0016  | mg/L |   |          | 11/17/23 12:53 | 1       |

| Surrogate            | MB %Recovery | MB Qualifier | Limits   | Prepared | Analyzed       | Dil Fac |
|----------------------|--------------|--------------|----------|----------|----------------|---------|
| 4-Bromofluorobenzene | 107          |              | 72 - 130 |          | 11/17/23 12:53 | 1       |
| Dibromofluoromethane | 110          |              | 75 - 126 |          | 11/17/23 12:53 | 1       |
| Toluene-d8 (Surr)    | 103          |              | 64 - 132 |          | 11/17/23 12:53 | 1       |

Lab Sample ID: LCS 400-650761/1001

Matrix: Water

Analysis Batch: 650761

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      | 0.0537     |               | mg/L |   | 107  | 70 - 130    |
| Ethylbenzene        | 0.0500      | 0.0539     |               | mg/L |   | 108  | 70 - 130    |
| Toluene             | 0.0500      | 0.0555     |               | mg/L |   | 111  | 70 - 130    |
| Xylenes, Total      | 0.100       | 0.104      |               | mg/L |   | 104  | 70 - 130    |
| m-Xylene & p-Xylene | 0.0500      | 0.0526     |               | mg/L |   | 105  | 70 - 130    |
| o-Xylene            | 0.0500      | 0.0518     |               | mg/L |   | 104  | 70 - 130    |

| Surrogate            | LCS %Recovery | LCS Qualifier | Limits   |
|----------------------|---------------|---------------|----------|
| 4-Bromofluorobenzene | 105           |               | 72 - 130 |
| Dibromofluoromethane | 106           |               | 75 - 126 |
| Toluene-d8 (Surr)    | 103           |               | 64 - 132 |

Lab Sample ID: MB 400-651404/4

Matrix: Water

Analysis Batch: 651404

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 |   |          | 11/22/23 07:58 | 1       |
| Ethylbenzene   | 0.00050   | U            | 0.0010 | 0.00050 | mg/L |   |          | 11/22/23 07:58 | 1       |
| Toluene        | 0.00090   | U            | 0.0010 | 0.00090 | mg/L |   |          | 11/22/23 07:58 | 1       |
| Xylenes, Total | 0.0016    | U            | 0.010  | 0.0016  | mg/L |   |          | 11/22/23 07:58 | 1       |

| Surrogate            | MB %Recovery | MB Qualifier | Limits   | Prepared | Analyzed       | Dil Fac |
|----------------------|--------------|--------------|----------|----------|----------------|---------|
| 4-Bromofluorobenzene | 96           |              | 72 - 130 |          | 11/22/23 07:58 | 1       |
| Dibromofluoromethane | 110          |              | 75 - 126 |          | 11/22/23 07:58 | 1       |
| Toluene-d8 (Surr)    | 95           |              | 64 - 132 |          | 11/22/23 07:58 | 1       |

Lab Sample ID: LCS 400-651404/1002

Matrix: Water

Analysis Batch: 651404

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      | 0.0473     |               | mg/L |   | 95   | 70 - 130    |

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## QC Sample Results

Client: Stantec Consulting Services Inc  
Project/Site: Blanco Field North Flare Pit

Job ID: 400-246636-1

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

Lab Sample ID: LCS 400-651404/1002

Matrix: Water

Analysis Batch: 651404

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

| Analyte             | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|---------------------|-------------|------------|---------------|------|---|------|-------------|
| Ethylbenzene        | 0.0500      | 0.0447     |               | mg/L |   | 89   | 70 - 130    |
| Toluene             | 0.0500      | 0.0426     |               | mg/L |   | 85   | 70 - 130    |
| Xylenes, Total      | 0.100       | 0.0922     |               | mg/L |   | 92   | 70 - 130    |
| m-Xylene & p-Xylene | 0.0500      | 0.0457     |               | mg/L |   | 91   | 70 - 130    |
| o-Xylene            | 0.0500      | 0.0465     |               | mg/L |   | 93   | 70 - 130    |

| Surrogate            | LCS %Recovery | LCS Qualifier | Limits   |
|----------------------|---------------|---------------|----------|
| 4-Bromofluorobenzene | 98            |               | 72 - 130 |
| Dibromofluoromethane | 104           |               | 75 - 126 |
| Toluene-d8 (Surr)    | 93            |               | 64 - 132 |

Lab Sample ID: MB 400-651596/4

Matrix: Water

Analysis Batch: 651596

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 |   |          | 11/24/23 07:49 | 1       |
| Ethylbenzene   | 0.00050   | U            | 0.0010 | 0.00050 | mg/L |   |          | 11/24/23 07:49 | 1       |
| Toluene        | 0.00090   | U            | 0.0010 | 0.00090 | mg/L |   |          | 11/24/23 07:49 | 1       |
| Xylenes, Total | 0.0016    | U            | 0.010  | 0.0016  | mg/L |   |          | 11/24/23 07:49 | 1       |

| Surrogate            | MB %Recovery | MB Qualifier | Limits   | Prepared | Analyzed       | Dil Fac |
|----------------------|--------------|--------------|----------|----------|----------------|---------|
| 4-Bromofluorobenzene | 95           |              | 72 - 130 |          | 11/24/23 07:49 | 1       |
| Dibromofluoromethane | 107          |              | 75 - 126 |          | 11/24/23 07:49 | 1       |
| Toluene-d8 (Surr)    | 92           |              | 64 - 132 |          | 11/24/23 07:49 | 1       |

Lab Sample ID: LCS 400-651596/1002

Matrix: Water

Analysis Batch: 651596

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      | 0.0556     |               | mg/L |   | 111  | 70 - 130    |
| Ethylbenzene        | 0.0500      | 0.0508     |               | mg/L |   | 102  | 70 - 130    |
| Toluene             | 0.0500      | 0.0479     |               | mg/L |   | 96   | 70 - 130    |
| Xylenes, Total      | 0.100       | 0.103      |               | mg/L |   | 103  | 70 - 130    |
| m-Xylene & p-Xylene | 0.0500      | 0.0513     |               | mg/L |   | 103  | 70 - 130    |
| o-Xylene            | 0.0500      | 0.0519     |               | mg/L |   | 104  | 70 - 130    |

| Surrogate            | LCS %Recovery | LCS Qualifier | Limits   |
|----------------------|---------------|---------------|----------|
| 4-Bromofluorobenzene | 99            |               | 72 - 130 |
| Dibromofluoromethane | 100           |               | 75 - 126 |
| Toluene-d8 (Surr)    | 93            |               | 64 - 132 |

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## QC Sample Results

Client: Stantec Consulting Services Inc  
Project/Site: Blanco Field North Flare Pit

Job ID: 400-246636-1

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

Lab Sample ID: 400-246636-11 MS

Matrix: Water

Analysis Batch: 651596

Client Sample ID: MW-51

Prep Type: Total/NA

| Analyte             | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec Limits |
|---------------------|---------------|------------------|-------------|-----------|--------------|------|---|------|-------------|
| Benzene             | 0.73          |                  | 0.250       | 0.950     |              | mg/L |   | 86   | 56 - 142    |
| Ethylbenzene        | 0.0097        |                  | 0.250       | 0.244     |              | mg/L |   | 94   | 58 - 131    |
| Toluene             | 0.0045        | U                | 0.250       | 0.223     |              | mg/L |   | 89   | 65 - 130    |
| Xylenes, Total      | 0.0080        | U                | 0.500       | 0.499     |              | mg/L |   | 100  | 59 - 130    |
| m-Xylene & p-Xylene | 0.0032        | U                | 0.250       | 0.245     |              | mg/L |   | 98   | 57 - 130    |
| o-Xylene            | 0.0030        | U                | 0.250       | 0.253     |              | mg/L |   | 101  | 61 - 130    |

| Surrogate            | MS %Recovery | MS Qualifier | MS Limits |
|----------------------|--------------|--------------|-----------|
| 4-Bromofluorobenzene | 101          |              | 72 - 130  |
| Dibromofluoromethane | 102          |              | 75 - 126  |
| Toluene-d8 (Surr)    | 90           |              | 64 - 132  |

Lab Sample ID: 400-246636-11 MSD

Matrix: Water

Analysis Batch: 651596

Client Sample ID: MW-51

Prep Type: Total/NA

| Analyte             | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---------------------|---------------|------------------|-------------|------------|---------------|------|---|------|-------------|-----|-----------|
| Benzene             | 0.73          |                  | 0.250       | 1.00       |               | mg/L |   | 108  | 56 - 142    | 6   | 30        |
| Ethylbenzene        | 0.0097        |                  | 0.250       | 0.273      |               | mg/L |   | 105  | 58 - 131    | 11  | 30        |
| Toluene             | 0.0045        | U                | 0.250       | 0.250      |               | mg/L |   | 100  | 65 - 130    | 12  | 30        |
| Xylenes, Total      | 0.0080        | U                | 0.500       | 0.552      |               | mg/L |   | 110  | 59 - 130    | 10  | 30        |
| m-Xylene & p-Xylene | 0.0032        | U                | 0.250       | 0.271      |               | mg/L |   | 108  | 57 - 130    | 10  | 30        |
| o-Xylene            | 0.0030        | U                | 0.250       | 0.281      |               | mg/L |   | 113  | 61 - 130    | 10  | 30        |

| Surrogate            | MSD %Recovery | MSD Qualifier | MSD Limits |
|----------------------|---------------|---------------|------------|
| 4-Bromofluorobenzene | 104           |               | 72 - 130   |
| Dibromofluoromethane | 100           |               | 75 - 126   |
| Toluene-d8 (Surr)    | 93            |               | 64 - 132   |

Lab Sample ID: 400-246636-16 MS

Matrix: Water

Analysis Batch: 651596

Client Sample ID: MW-57

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      | 0.0502    |              | mg/L |   | 100  | 56 - 142    |
| Ethylbenzene        | 0.00050       | U                | 0.0500      | 0.0498    |              | mg/L |   | 100  | 58 - 131    |
| Toluene             | 0.00090       | U                | 0.0500      | 0.0470    |              | mg/L |   | 94   | 65 - 130    |
| Xylenes, Total      | 0.0016        | U                | 0.100       | 0.103     |              | mg/L |   | 103  | 59 - 130    |
| m-Xylene & p-Xylene | 0.00063       | U                | 0.0500      | 0.0524    |              | mg/L |   | 105  | 57 - 130    |
| o-Xylene            | 0.00060       | U                | 0.0500      | 0.0503    |              | mg/L |   | 101  | 61 - 130    |

| Surrogate            | MS %Recovery | MS Qualifier | MS Limits |
|----------------------|--------------|--------------|-----------|
| 4-Bromofluorobenzene | 101          |              | 72 - 130  |
| Dibromofluoromethane | 94           |              | 75 - 126  |
| Toluene-d8 (Surr)    | 100          |              | 64 - 132  |

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## QC Sample Results

Client: Stantec Consulting Services Inc  
Project/Site: Blanco Field North Flare Pit

Job ID: 400-246636-1

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

Lab Sample ID: 400-246636-16 MSD

Matrix: Water

Analysis Batch: 651596

Client Sample ID: MW-57

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      | 0.0549     |               | mg/L |   | 110  | 56 - 142    | 9   | 30        |
| Ethylbenzene        | 0.00050       | U                | 0.0500      | 0.0485     |               | mg/L |   | 97   | 58 - 131    | 3   | 30        |
| Toluene             | 0.00090       | U                | 0.0500      | 0.0467     |               | mg/L |   | 93   | 65 - 130    | 1   | 30        |
| Xylenes, Total      | 0.0016        | U                | 0.100       | 0.101      |               | mg/L |   | 101  | 59 - 130    | 2   | 30        |
| m-Xylene & p-Xylene | 0.00063       | U                | 0.0500      | 0.0503     |               | mg/L |   | 101  | 57 - 130    | 4   | 30        |
| o-Xylene            | 0.00060       | U                | 0.0500      | 0.0506     |               | mg/L |   | 101  | 61 - 130    | 0   | 30        |

| Surrogate            | MSD %Recovery | MSD Qualifier | Limits   |
|----------------------|---------------|---------------|----------|
| 4-Bromofluorobenzene | 103           |               | 72 - 130 |
| Dibromofluoromethane | 102           |               | 75 - 126 |
| Toluene-d8 (Surr)    | 92            |               | 64 - 132 |

Lab Sample ID: MB 400-651654/5

Matrix: Water

Analysis Batch: 651654

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 |   |          | 11/27/23 08:24 | 1       |
| Ethylbenzene   | 0.00050   | U            | 0.0010 | 0.00050 | mg/L |   |          | 11/27/23 08:24 | 1       |
| Toluene        | 0.00090   | U            | 0.0010 | 0.00090 | mg/L |   |          | 11/27/23 08:24 | 1       |
| Xylenes, Total | 0.0016    | U            | 0.010  | 0.0016  | mg/L |   |          | 11/27/23 08:24 | 1       |

| Surrogate            | MB %Recovery | MB Qualifier | Limits   | Prepared | Analyzed       | Dil Fac |
|----------------------|--------------|--------------|----------|----------|----------------|---------|
| 4-Bromofluorobenzene | 101          |              | 72 - 130 |          | 11/27/23 08:24 | 1       |
| Dibromofluoromethane | 111          |              | 75 - 126 |          | 11/27/23 08:24 | 1       |
| Toluene-d8 (Surr)    | 92           |              | 64 - 132 |          | 11/27/23 08:24 | 1       |

Lab Sample ID: LCS 400-651654/1002

Matrix: Water

Analysis Batch: 651654

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      | 0.0496     |               | mg/L |   | 99   | 70 - 130    |
| Ethylbenzene        | 0.0500      | 0.0440     |               | mg/L |   | 88   | 70 - 130    |
| Toluene             | 0.0500      | 0.0430     |               | mg/L |   | 86   | 70 - 130    |
| Xylenes, Total      | 0.100       | 0.0903     |               | mg/L |   | 90   | 70 - 130    |
| m-Xylene & p-Xylene | 0.0500      | 0.0447     |               | mg/L |   | 89   | 70 - 130    |
| o-Xylene            | 0.0500      | 0.0456     |               | mg/L |   | 91   | 70 - 130    |

| Surrogate            | LCS %Recovery | LCS Qualifier | Limits   |
|----------------------|---------------|---------------|----------|
| 4-Bromofluorobenzene | 100           |               | 72 - 130 |
| Dibromofluoromethane | 101           |               | 75 - 126 |
| Toluene-d8 (Surr)    | 92            |               | 64 - 132 |

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## QC Sample Results

Client: Stantec Consulting Services Inc  
Project/Site: Blanco Field North Flare Pit

Job ID: 400-246636-1

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

Lab Sample ID: 400-246636-10 MS

Matrix: Water

Analysis Batch: 651654

Client Sample ID: MW-50

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      | 0.0573    |              | mg/L |   | 115  | 56 - 142    |
| Ethylbenzene        | 0.00050       | U                | 0.0500      | 0.0546    |              | mg/L |   | 109  | 58 - 131    |
| Toluene             | 0.00090       | U                | 0.0500      | 0.0514    |              | mg/L |   | 103  | 65 - 130    |
| Xylenes, Total      | 0.0016        | U                | 0.100       | 0.111     |              | mg/L |   | 111  | 59 - 130    |
| m-Xylene & p-Xylene | 0.00063       | U                | 0.0500      | 0.0558    |              | mg/L |   | 112  | 57 - 130    |
| o-Xylene            | 0.00060       | U                | 0.0500      | 0.0553    |              | mg/L |   | 111  | 61 - 130    |

| Surrogate            | MS %Recovery | MS Qualifier | MS Limits |
|----------------------|--------------|--------------|-----------|
| 4-Bromofluorobenzene | 101          |              | 72 - 130  |
| Dibromofluoromethane | 92           |              | 75 - 126  |
| Toluene-d8 (Surr)    | 100          |              | 64 - 132  |

Lab Sample ID: 400-246636-10 MSD

Matrix: Water

Analysis Batch: 651654

Client Sample ID: MW-50

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      | 0.0509     |               | mg/L |   | 102  | 56 - 142    | 12  | 30        |
| Ethylbenzene        | 0.00050       | U                | 0.0500      | 0.0494     |               | mg/L |   | 99   | 58 - 131    | 10  | 30        |
| Toluene             | 0.00090       | U                | 0.0500      | 0.0467     |               | mg/L |   | 93   | 65 - 130    | 10  | 30        |
| Xylenes, Total      | 0.0016        | U                | 0.100       | 0.102      |               | mg/L |   | 102  | 59 - 130    | 9   | 30        |
| m-Xylene & p-Xylene | 0.00063       | U                | 0.0500      | 0.0515     |               | mg/L |   | 103  | 57 - 130    | 8   | 30        |
| o-Xylene            | 0.00060       | U                | 0.0500      | 0.0504     |               | mg/L |   | 101  | 61 - 130    | 9   | 30        |

| Surrogate            | MSD %Recovery | MSD Qualifier | MSD Limits |
|----------------------|---------------|---------------|------------|
| 4-Bromofluorobenzene | 102           |               | 72 - 130   |
| Dibromofluoromethane | 94            |               | 75 - 126   |
| Toluene-d8 (Surr)    | 98            |               | 64 - 132   |

## Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 400-650134/166

Matrix: Water

Analysis Batch: 650134

Client Sample ID: Method Blank

Prep Type: Total/NA

| Analyte              | MB Result | MB Qualifier | RL   | MDL   | Unit | D | Prepared | Analyzed       | Dil Fac |
|----------------------|-----------|--------------|------|-------|------|---|----------|----------------|---------|
| Nitrate as N         | 0.063     | U            | 0.10 | 0.063 | mg/L |   |          | 11/14/23 20:31 | 1       |
| Nitrate Nitrite as N | 0.063     | U            | 0.10 | 0.063 | mg/L |   |          | 11/14/23 20:31 | 1       |
| Nitrite as N         | 0.083     | U            | 0.10 | 0.083 | mg/L |   |          | 11/14/23 20:31 | 1       |

Lab Sample ID: LCS 400-650134/167

Matrix: Water

Analysis Batch: 650134

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        | 2.12       |               | mg/L |   | 94   | 90 - 110    |
| Nitrate Nitrite as N | 5.30        | 4.87       |               | mg/L |   | 92   | 90 - 110    |
| Nitrite as N         | 3.04        | 2.75       |               | mg/L |   | 90   | 90 - 110    |

Eurofins Pensacola

## QC Sample Results

Client: Stantec Consulting Services Inc  
Project/Site: Blanco Field North Flare Pit

Job ID: 400-246636-1

## Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: LCSD 400-650134/168

Matrix: Water

Analysis Batch: 650134

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        | 2.14        |                | mg/L |   | 94   | 90 - 110    | 1   | 15        |
| Nitrate Nitrite as N | 5.30        | 4.90        |                | mg/L |   | 92   | 90 - 110    | 1   | 15        |
| Nitrite as N         | 3.04        | 2.76        |                | mg/L |   | 91   | 90 - 110    | 0   | 15        |

Lab Sample ID: 400-246636-11 MS

Matrix: Water

Analysis Batch: 650134

Client Sample ID: MW-51

Prep Type: Total/NA

| Analyte              | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec   | %Rec Limits | RPD | RPD Limit |
|----------------------|---------------|------------------|-------------|-----------|--------------|------|---|--------|-------------|-----|-----------|
| Nitrate as N         | 0.063         | U F1             | 2.26        | 2600      | E F1         | mg/L |   | 115259 | 80 - 120    |     |           |
| Nitrate Nitrite as N | 0.063         | U F1             | 5.30        | 2600      | E F1         | mg/L |   | 49066  | 80 - 120    |     |           |
| Nitrite as N         | 0.083         | U F1 F2          | 3.04        | 0.512     | F1           | mg/L |   | 17     | 80 - 120    |     |           |

Lab Sample ID: 400-246636-11 MSD

Matrix: Water

Analysis Batch: 650134

Client Sample ID: MW-51

Prep Type: Total/NA

| Analyte              | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit | D | %Rec   | %Rec Limits | RPD | RPD Limit |
|----------------------|---------------|------------------|-------------|------------|---------------|------|---|--------|-------------|-----|-----------|
| Nitrate as N         | 0.063         | U F1             | 2.26        | 2570       | E F1          | mg/L |   | 113587 | 80 - 120    | 1   | 20        |
| Nitrate Nitrite as N | 0.063         | U F1             | 5.30        | 2570       | E F1          | mg/L |   | 48509  | 80 - 120    | 1   | 20        |
| Nitrite as N         | 0.083         | U F1 F2          | 3.04        | 0.990      | F1 F2         | mg/L |   | 33     | 80 - 120    | 64  | 20        |

Lab Sample ID: MB 400-650216/202

Matrix: Water

Analysis Batch: 650216

Client Sample ID: Method Blank

Prep Type: Total/NA

| Analyte              | MB Result | MB Qualifier | RL   | MDL   | Unit | D | Prepared | Analyzed       | Dil Fac |
|----------------------|-----------|--------------|------|-------|------|---|----------|----------------|---------|
| Nitrate as N         | 0.063     | U            | 0.10 | 0.063 | mg/L |   |          | 11/15/23 00:01 | 1       |
| Nitrate Nitrite as N | 0.063     | U            | 0.10 | 0.063 | mg/L |   |          | 11/15/23 00:01 | 1       |
| Nitrite as N         | 0.083     | U            | 0.10 | 0.083 | mg/L |   |          | 11/15/23 00:01 | 1       |

Lab Sample ID: LCS 400-650216/203

Matrix: Water

Analysis Batch: 650216

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

| Analyte              | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|----------------------|-------------|------------|---------------|------|---|------|-------------|-----|-----------|
| Nitrate as N         | 2.26        | 2.16       |               | mg/L |   | 96   | 90 - 110    |     |           |
| Nitrate Nitrite as N | 5.30        | 4.91       |               | mg/L |   | 93   | 90 - 110    |     |           |
| Nitrite as N         | 3.04        | 2.75       |               | mg/L |   | 90   | 90 - 110    |     |           |

Lab Sample ID: LCSD 400-650216/204

Matrix: Water

Analysis Batch: 650216

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        | 2.13        |                | mg/L |   | 94   | 90 - 110    | 1   | 15        |
| Nitrate Nitrite as N | 5.30        | 4.85        |                | mg/L |   | 92   | 90 - 110    | 1   | 15        |
| Nitrite as N         | 3.04        | 2.72        |                | mg/L |   | 90   | 90 - 110    | 1   | 15        |

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## QC Sample Results

Client: Stantec Consulting Services Inc  
Project/Site: Blanco Field North Flare Pit

Job ID: 400-246636-1

## Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: 400-246636-16 MS

Matrix: Water

Analysis Batch: 650216

Client Sample ID: MW-57

Prep Type: Total/NA

| Analyte              | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec Limits |
|----------------------|---------------|------------------|-------------|-----------|--------------|------|---|------|-------------|
| Nitrate as N         | 0.063         | U F1             | 2.26        | 56.8      | E F1         | mg/L |   | 2514 | 80 - 120    |
| Nitrate Nitrite as N | 0.063         | U F1             | 5.30        | 59.3      | E F1         | mg/L |   | 1118 | 80 - 120    |
| Nitrite as N         | 0.083         | U F2 F1          | 3.04        | 2.48      |              | mg/L |   | 82   | 80 - 120    |

Lab Sample ID: 400-246636-16 MSD

Matrix: Water

Analysis Batch: 650216

Client Sample ID: MW-57

Prep Type: Total/NA

| Analyte              | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|----------------------|---------------|------------------|-------------|------------|---------------|------|---|------|-------------|-----|-----------|
| Nitrate as N         | 0.063         | U F1             | 2.26        | 57.0       | E F1          | mg/L |   | 2523 | 80 - 120    | 0   | 20        |
| Nitrate Nitrite as N | 0.063         | U F1             | 5.30        | 59.0       | E F1          | mg/L |   | 1113 | 80 - 120    | 0   | 20        |
| Nitrite as N         | 0.083         | U F2 F1          | 3.04        | 2.01       | F1 F2         | mg/L |   | 66   | 80 - 120    | 21  | 20        |

Lab Sample ID: MB 400-650581/34

Matrix: Water

Analysis Batch: 650581

Client Sample ID: Method Blank

Prep Type: Total/NA

| Analyte              | MB Result | MB Qualifier | RL   | MDL   | Unit | D | Prepared | Analyzed       | Dil Fac |
|----------------------|-----------|--------------|------|-------|------|---|----------|----------------|---------|
| Nitrate as N         | 0.063     | U            | 0.10 | 0.063 | mg/L |   |          | 11/16/23 13:52 | 1       |
| Nitrate Nitrite as N | 0.063     | U            | 0.10 | 0.063 | mg/L |   |          | 11/16/23 13:52 | 1       |
| Nitrite as N         | 0.083     | U            | 0.10 | 0.083 | mg/L |   |          | 11/16/23 13:52 | 1       |

Lab Sample ID: LCS 400-650581/35

Matrix: Water

Analysis Batch: 650581

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        | 2.16       |               | mg/L |   | 95   | 90 - 110    |
| Nitrate Nitrite as N | 5.30        | 4.92       |               | mg/L |   | 93   | 90 - 110    |
| Nitrite as N         | 3.04        | 2.76       |               | mg/L |   | 91   | 90 - 110    |

Lab Sample ID: LCSD 400-650581/36

Matrix: Water

Analysis Batch: 650581

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        | 2.12        |                | mg/L |   | 94   | 90 - 110    | 2   | 15        |
| Nitrate Nitrite as N | 5.30        | 4.84        |                | mg/L |   | 91   | 90 - 110    | 2   | 15        |
| Nitrite as N         | 3.04        | 2.72        |                | mg/L |   | 90   | 90 - 110    | 1   | 15        |

Lab Sample ID: 400-246636-16 MS

Matrix: Water

Analysis Batch: 650581

Client Sample ID: MW-57

Prep Type: Total/NA

| Analyte              | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec Limits |
|----------------------|---------------|------------------|-------------|-----------|--------------|------|---|------|-------------|
| Nitrate as N         | 54            | H                | 11.3        | 67.3      | H E 4        | mg/L |   | 114  | 80 - 120    |
| Nitrate Nitrite as N | 54            | H                | 26.5        | 81.8      | H E          | mg/L |   | 105  | 80 - 120    |
| Nitrite as N         | 0.42          | U H              | 15.2        | 14.5      | H            | mg/L |   | 96   | 80 - 120    |

Eurofins Pensacola

QC Sample Results

Client: Stantec Consulting Services Inc  
Project/Site: Blanco Field North Flare Pit

Job ID: 400-246636-1

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: 400-246636-16 MSD  
Matrix: Water  
Analysis Batch: 650581

Client Sample ID: MW-57  
Prep Type: Total/NA

| Analyte              | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|----------------------|---------------|------------------|-------------|------------|---------------|------|---|------|-------------|-----|-----------|
| Nitrate as N         | 54            | H                | 11.3        | 66.5       | H E 4         | mg/L |   | 107  | 80 - 120    | 1   | 20        |
| Nitrate Nitrite as N | 54            | H                | 26.5        | 81.8       | H E           | mg/L |   | 105  | 80 - 120    | 0   | 20        |
| Nitrite as N         | 0.42          | U H              | 15.2        | 15.3       | H             | mg/L |   | 101  | 80 - 120    | 5   | 20        |

Lab Sample ID: MB 400-650589/63  
Matrix: Water  
Analysis Batch: 650589

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

| Analyte              | MB Result | MB Qualifier | RL   | MDL   | Unit | D | Prepared | Analyzed       | Dil Fac |
|----------------------|-----------|--------------|------|-------|------|---|----------|----------------|---------|
| Nitrate as N         | 0.063     | U            | 0.10 | 0.063 | mg/L |   |          | 11/16/23 17:31 | 1       |
| Nitrate Nitrite as N | 0.063     | U            | 0.10 | 0.063 | mg/L |   |          | 11/16/23 17:31 | 1       |
| Nitrite as N         | 0.083     | U            | 0.10 | 0.083 | mg/L |   |          | 11/16/23 17:31 | 1       |

Lab Sample ID: LCS 400-650589/64  
Matrix: Water  
Analysis Batch: 650589

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        | 2.20       |               | mg/L |   | 97   | 90 - 110    |
| Nitrate Nitrite as N | 5.30        | 5.01       |               | mg/L |   | 95   | 90 - 110    |
| Nitrite as N         | 3.04        | 2.81       |               | mg/L |   | 92   | 90 - 110    |

Lab Sample ID: LCSD 400-650589/65  
Matrix: Water  
Analysis Batch: 650589

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        | 2.13        |                | mg/L |   | 94   | 90 - 110    | 3   | 15        |
| Nitrate Nitrite as N | 5.30        | 4.87        |                | mg/L |   | 92   | 90 - 110    | 3   | 15        |
| Nitrite as N         | 3.04        | 2.74        |                | mg/L |   | 90   | 90 - 110    | 2   | 15        |



## Login Sample Receipt Checklist

Client: Stantec Consulting Services Inc

Job Number: 400-246636-1

Login Number: 246636

List Source: Eurofins Pensacola

List Number: 1

Creator: Earnest, Tamantha

| Question                                                                                 | Answer | Comment           |
|------------------------------------------------------------------------------------------|--------|-------------------|
| Radioactivity wasn't checked or is $\leq$ background as measured by a survey meter.      | N/A    |                   |
| The cooler's custody seal, if present, is intact.                                        | N/A    |                   |
| Sample custody seals, if present, are intact.                                            | N/A    |                   |
| The cooler or samples do not appear to have been compromised or tampered with.           | True   |                   |
| Samples were received on ice.                                                            | True   |                   |
| Cooler Temperature is acceptable.                                                        | True   |                   |
| Cooler Temperature is recorded.                                                          | True   | 3.0°C & 0.0°C IR8 |
| COC is present.                                                                          | True   |                   |
| COC is filled out in ink and legible.                                                    | True   |                   |
| COC is filled out with all pertinent information.                                        | True   |                   |
| Is the Field Sampler's name present on COC?                                              | True   |                   |
| There are no discrepancies between the containers received and the COC.                  | True   |                   |
| Samples are received within Holding Time (excluding tests with immediate HTs)            | True   |                   |
| Sample containers have legible labels.                                                   | True   |                   |
| Containers are not broken or leaking.                                                    | True   |                   |
| Sample collection date/times are provided.                                               | True   |                   |
| Appropriate sample containers are used.                                                  | True   |                   |
| Sample bottles are completely filled.                                                    | True   |                   |
| Sample Preservation Verified.                                                            | N/A    |                   |
| There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs         | True   |                   |
| Containers requiring zero headspace have no headspace or bubble is $<6\text{mm}$ (1/4"). | N/A    |                   |
| Multiphasic samples are not present.                                                     | True   |                   |
| Samples do not require splitting or compositing.                                         | True   |                   |
| Residual Chlorine Checked.                                                               | N/A    |                   |

## Eurofins Pensacola

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

## Chain of Custody Record



Environment Testing

|                                                                                |  |                                                                                                                                                                                                                        |  |                                                                                     |  |                                                                                                                                      |  |                                                          |  |                            |  |
|--------------------------------------------------------------------------------|--|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|-------------------------------------------------------------------------------------|--|--------------------------------------------------------------------------------------------------------------------------------------|--|----------------------------------------------------------|--|----------------------------|--|
| <b>Client Information</b>                                                      |  | Sampler: <b>SRC/ ERB</b>                                                                                                                                                                                               |  | Lab PM: Whitmire, Cheyenne R                                                        |  | 400-246636 COC                                                                                                                       |  | Tier Tracking No(s)                                      |  | COC No: 400-124048-39041.1 |  |
| Client Contact: Steve Varsa                                                    |  | Phone: <b>575-253-0830</b>                                                                                                                                                                                             |  | E-Mail: Cheyenne.Whitmire@et.eurofinsus.com                                         |  | State of Origin                                                                                                                      |  | Page: 1 of 3                                             |  | <b>1/2 ERB</b>             |  |
| Company: Stantec Consulting Services Inc                                       |  | PWSID                                                                                                                                                                                                                  |  | Analysis Requested                                                                  |  | Job #                                                                                                                                |  | Preservation Codes:                                      |  |                            |  |
| Address: 11311 Aurora Avenue                                                   |  | Due Date Requested: <b>STD</b>                                                                                                                                                                                         |  | TAT Requested (days):                                                               |  | Compliance Project: <input type="checkbox"/> Yes <input type="checkbox"/> No                                                         |  | PO #:                                                    |  | WD1040009                  |  |
| City: Des Moines                                                               |  | TAT Requested (days):                                                                                                                                                                                                  |  | WO #:                                                                               |  | Blanco NFP_ERG_ARF_10_24_2023                                                                                                        |  | Project #:                                               |  | 40012762                   |  |
| State, Zip: IA, 50322-7904                                                     |  | Compliance Project: <input type="checkbox"/> Yes <input type="checkbox"/> No                                                                                                                                           |  | SSOW#:                                                                              |  |                                                                                                                                      |  | Other:                                                   |  |                            |  |
| Phone:                                                                         |  | PO #:                                                                                                                                                                                                                  |  | WO #:                                                                               |  | Blanco NFP_ERG_ARF_10_24_2023                                                                                                        |  | Project #:                                               |  | 40012762                   |  |
| Email: steve.varsa@stantec.com                                                 |  | SSOW#:                                                                                                                                                                                                                 |  |                                                                                     |  |                                                                                                                                      |  |                                                          |  |                            |  |
| Project Name: Blanco Field North Flare Pit.00                                  |  |                                                                                                                                                                                                                        |  |                                                                                     |  |                                                                                                                                      |  |                                                          |  |                            |  |
| Site:                                                                          |  |                                                                                                                                                                                                                        |  |                                                                                     |  |                                                                                                                                      |  |                                                          |  |                            |  |
| Sample Identification                                                          |  | Sample Date                                                                                                                                                                                                            |  | Sample Time                                                                         |  | Sample Type (C=comp, G=grab)                                                                                                         |  | Matrix (W=water, S=solid, O=waste/oil, ST=Tissue, A=Air) |  | Special Instructions/Note: |  |
| mw-23                                                                          |  | 11/13/2023                                                                                                                                                                                                             |  | 0930                                                                                |  | G                                                                                                                                    |  | Water                                                    |  |                            |  |
| mw-40                                                                          |  | 11/13/2023                                                                                                                                                                                                             |  | 0715                                                                                |  | G                                                                                                                                    |  | Water                                                    |  |                            |  |
| mw-41                                                                          |  | 11/13/2023                                                                                                                                                                                                             |  | 0740                                                                                |  | G                                                                                                                                    |  | Water                                                    |  |                            |  |
| mw-42                                                                          |  | 11/13/2023                                                                                                                                                                                                             |  | 0755                                                                                |  | G                                                                                                                                    |  | Water                                                    |  |                            |  |
| mw-43                                                                          |  | 11/13/2023                                                                                                                                                                                                             |  | 1036                                                                                |  | G                                                                                                                                    |  | Water                                                    |  |                            |  |
| mw-44                                                                          |  | 11/13/2023                                                                                                                                                                                                             |  | 1025                                                                                |  | G                                                                                                                                    |  | Water                                                    |  |                            |  |
| mw-45                                                                          |  | 11/13/2023                                                                                                                                                                                                             |  | 0940                                                                                |  | G                                                                                                                                    |  | Water                                                    |  |                            |  |
| mw-46                                                                          |  | 11/13/2023                                                                                                                                                                                                             |  | 0805                                                                                |  | G                                                                                                                                    |  | Water                                                    |  |                            |  |
| mw-48                                                                          |  | 11/13/2023                                                                                                                                                                                                             |  | 0826                                                                                |  | G                                                                                                                                    |  | Water                                                    |  |                            |  |
| mw-50                                                                          |  | 11/13/2023                                                                                                                                                                                                             |  | 1011                                                                                |  | G                                                                                                                                    |  | Water                                                    |  |                            |  |
| mw-51                                                                          |  | 11/13/2023                                                                                                                                                                                                             |  | 0852                                                                                |  | G                                                                                                                                    |  | Water                                                    |  |                            |  |
| Possible Hazard Identification                                                 |  | <input type="checkbox"/> Non-Hazard <input type="checkbox"/> Flammable <input type="checkbox"/> Skin Irritant <input type="checkbox"/> Poison B <input type="checkbox"/> Unknown <input type="checkbox"/> Radiological |  | Sample Disposal (A fee may be assessed if samples are retained longer than 1 month) |  | <input type="checkbox"/> Return To Client <input type="checkbox"/> Disposal By Lab <input type="checkbox"/> Archive For _____ Months |  | Special Instructions/QC Requirements.                    |  |                            |  |
| Deliverable Requested: I, II, III, IV, Other (specify)                         |  |                                                                                                                                                                                                                        |  |                                                                                     |  |                                                                                                                                      |  |                                                          |  |                            |  |
| Empty Kit Relinquished by:                                                     |  | Date:                                                                                                                                                                                                                  |  | Time:                                                                               |  | Method of Shipment:                                                                                                                  |  |                                                          |  |                            |  |
| Relinquished by: <i>Erin Becky</i>                                             |  | Date/Time: 11/13/2023 1215                                                                                                                                                                                             |  | Company: STN                                                                        |  | Received by:                                                                                                                         |  | Date/Time:                                               |  | Company:                   |  |
| Relinquished by:                                                               |  | Date/Time:                                                                                                                                                                                                             |  | Company:                                                                            |  | Received by:                                                                                                                         |  | Date/Time:                                               |  | Company:                   |  |
| Relinquished by:                                                               |  | Date/Time:                                                                                                                                                                                                             |  | Company:                                                                            |  | Received by:                                                                                                                         |  | Date/Time:                                               |  | Company:                   |  |
| Custody Seals Intact: <input type="checkbox"/> Yes <input type="checkbox"/> No |  | Custody Seal No.:                                                                                                                                                                                                      |  | Cooler Temperature(s) °C and Other Remarks: 3.0°C 7.0°C 7.8                         |  |                                                                                                                                      |  |                                                          |  |                            |  |

Ver: 06/08/2021

## Eurofins Pensacola

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

## Chain of Custody Record



Environment Testing

|                                                                                                                                                                                                                        |  |                                                                              |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                                      |                                 |  |                                                             |  |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|------------------------------------------------------------------------------|--|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------|---------------------------------|--|-------------------------------------------------------------|--|
| <b>Client Information</b>                                                                                                                                                                                              |  | Sampler <b>SRC/ERB</b>                                                       |  | Lab PM<br>Whitmire, Cheyenne R                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                                                                      | Carrier Tracking No(s)          |  | COC No<br>400-124048-39041.2                                |  |
| Client Contact<br>Steve Varsa                                                                                                                                                                                          |  | Phone <b>515-253-0830</b>                                                    |  | E-Mail<br>Cheyenne.Whitmire@et.eurofinsus.com                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                                                                      | State of Origin                 |  | Page<br>Page 2 of 2 <b>ERB</b>                              |  |
| Company<br>Stantec Consulting Services Inc                                                                                                                                                                             |  | PWSID                                                                        |  | Analysis Requested                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                      |                                 |  |                                                             |  |
| Address<br>11311 Aurora Avenue                                                                                                                                                                                         |  | Due Date Requested: <b>STD</b>                                               |  | <div style="display: flex; justify-content: space-between;"> <div>Field Filtered Sample (Yes or No)</div> <div>300_ORGFMS - Nitrate &amp; Nitrite</div> <div>8260B - BTEX 8260</div> <div>8260B - BTEX 8260</div> </div>                                                                                                                                                                                                                                                                            |                                                                                                                                      |                                 |  |                                                             |  |
| City<br>Des Moines                                                                                                                                                                                                     |  | TAT Requested (days):                                                        |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                                      |                                 |  |                                                             |  |
| State, Zip<br>IA, 50322-7904                                                                                                                                                                                           |  | Compliance Project: <input type="checkbox"/> Yes <input type="checkbox"/> No |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                                      |                                 |  |                                                             |  |
| Phone                                                                                                                                                                                                                  |  | PO #<br>WD1040009                                                            |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                                      |                                 |  |                                                             |  |
| Email<br>steve.varsa@stantec.com                                                                                                                                                                                       |  | WFO #<br>Blanco NFP_ERG_ARF_10_24_2023                                       |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                                      |                                 |  |                                                             |  |
| Project Name<br>Blanco Field North Flare Pit.00                                                                                                                                                                        |  | Project #<br>40012762                                                        |  | Preservation Codes:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                                                                      |                                 |  |                                                             |  |
| Site                                                                                                                                                                                                                   |  | SSOW#:                                                                       |  | <div style="display: flex;"> <div style="flex: 1;"> A - HCL<br/>B - NaOH<br/>C - Zn Acetate<br/>D - Nitric Acid<br/>E - NaHSO4<br/>F - MeOH<br/>G - Amchlor<br/>H - Ascorbic Acid<br/>I - Ice<br/>J - DI Water<br/>K - EDTA<br/>L - EDA </div> <div style="flex: 1;"> M - Hexane<br/>N - None<br/>O - AsNaO2<br/>P - Na2O4S<br/>Q - Na2SO3<br/>R - Na2S2O3<br/>S - H2SO4<br/>T - TSP Dodecahydrate<br/>U - Acetone<br/>V - MCAA<br/>W - pH 4-5<br/>Y - Trizma<br/>Z - other (specify) </div> </div> |                                                                                                                                      |                                 |  |                                                             |  |
| Sample Identification                                                                                                                                                                                                  |  | Sample Date                                                                  |  | Sample Time                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                                                                      | Sample Type<br>(C=comp, G=grab) |  | Matrix<br>(W=water, S=solid, O=waste/oil, BT=Tissue, A=Air) |  |
|                                                                                                                                                                                                                        |  |                                                                              |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                                      |                                 |  | Preservation Code                                           |  |
| MW-52                                                                                                                                                                                                                  |  | 11/13/2023                                                                   |  | 0910                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                      | G                               |  | Water                                                       |  |
| MW-53                                                                                                                                                                                                                  |  | 11/13/2023                                                                   |  | 1111                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                      | G                               |  | Water                                                       |  |
| MW-54                                                                                                                                                                                                                  |  | 11/13/2023                                                                   |  | 0817                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                      | G                               |  | Water                                                       |  |
| MW-55                                                                                                                                                                                                                  |  | 11/13/2023                                                                   |  | 0838                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                      | G                               |  | Water                                                       |  |
| MW-57                                                                                                                                                                                                                  |  | 11/13/2023                                                                   |  | 1053                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                      | G                               |  | Water                                                       |  |
| MW-58                                                                                                                                                                                                                  |  | 11/13/2023                                                                   |  | 0952                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                      | G                               |  | Water                                                       |  |
| Dup-01                                                                                                                                                                                                                 |  | 11/13/2023                                                                   |  | ---                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                                                                      | G                               |  | Water                                                       |  |
| Dup-02                                                                                                                                                                                                                 |  | 11/13/2023                                                                   |  | ---                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                                                                      | G                               |  | Water                                                       |  |
| TB-01                                                                                                                                                                                                                  |  | 11/13/2023                                                                   |  | 0700                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                      | G                               |  | Water                                                       |  |
| ERB                                                                                                                                                                                                                    |  |                                                                              |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                                      |                                 |  | Water                                                       |  |
|                                                                                                                                                                                                                        |  |                                                                              |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                                      |                                 |  | Water                                                       |  |
| <b>Possible Hazard Identification</b>                                                                                                                                                                                  |  |                                                                              |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | <b>Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)</b>                                           |                                 |  |                                                             |  |
| <input type="checkbox"/> Non-Hazard <input type="checkbox"/> Flammable <input type="checkbox"/> Skin Irritant <input type="checkbox"/> Poison B <input type="checkbox"/> Unknown <input type="checkbox"/> Radiological |  |                                                                              |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | <input type="checkbox"/> Return To Client <input type="checkbox"/> Disposal By Lab <input type="checkbox"/> 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: <b>Sam Ealy</b>                                                                                                                                                                                       |  | Date/Time: <b>11/13/2023 1215</b>                                            |  | Company: <b>STN</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                                                                      | Received by: <b>J.E.</b>        |  | Date/Time: <b>11-14-23 0956</b>                             |  |
| Relinquished by:                                                                                                                                                                                                       |  | Date/Time:                                                                   |  | Company:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                                                                      | Received by:                    |  | Date/Time:                                                  |  |
| Relinquished by:                                                                                                                                                                                                       |  | Date/Time:                                                                   |  | Company:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                                                                      | Received by:                    |  | Date/Time:                                                  |  |
| Custody Seals Intact:<br><input type="checkbox"/> Yes <input type="checkbox"/> No                                                                                                                                      |  | Custody Seal No.:                                                            |  | Cooler Temperature(s) °C and Other Remarks<br><b>3.0°C, 0.0°C ERB</b>                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                                      |                                 |  |                                                             |  |

Ver: 06/08/2021

Accreditation/Certification Summary

Client: Stantec Consulting Services Inc  
Project/Site: Blanco Field North Flare Pit

Job ID: 400-246636-1

Laboratory: Eurofins Pensacola

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

| Authority              | Program             | Identification Number | Expiration Date |
|------------------------|---------------------|-----------------------|-----------------|
| Alabama                | State               | 40150                 | 06-30-24        |
| ANAB                   | ISO/IEC 17025       | L2471                 | 02-22-26        |
| Arkansas DEQ           | State               | 88-00689              | 08-01-24        |
| California             | State               | 2510                  | 06-30-24        |
| Florida                | NELAP               | E81010                | 06-30-24        |
| Georgia                | State               | E81010(FL)            | 06-30-24        |
| Illinois               | NELAP               | 200041                | 10-09-24        |
| Kansas                 | NELAP               | E-10253               | 10-31-24        |
| Kentucky (UST)         | State               | 53                    | 06-30-24        |
| Louisiana (All)        | NELAP               | 30976                 | 06-30-24        |
| Louisiana (DW)         | State               | LA017                 | 12-31-23        |
| North Carolina (WW/SW) | State               | 314                   | 12-31-23        |
| Oklahoma               | NELAP               | 9810                  | 08-31-24        |
| Pennsylvania           | NELAP               | 68-00467              | 01-31-24        |
| South Carolina         | State               | 96026                 | 06-30-24        |
| Tennessee              | State               | TN02907               | 06-30-24        |
| Texas                  | NELAP               | T104704286            | 09-30-24        |
| US Fish & Wildlife     | US Federal Programs | A22340                | 06-30-24        |
| USDA                   | US Federal Programs | FLGNV23001            | 01-08-26        |
| USDA                   | US Federal Programs | P330-21-00056         | 05-17-24        |
| Virginia               | NELAP               | 460166                | 06-14-24        |
| West Virginia DEP      | State               | 136                   | 03-31-24        |
| West Virginia DEP      | State               | 136                   | 03-31-24        |

# APPENDIX F

Soil 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 6/22/2023 5:20:11 PM

## JOB DESCRIPTION

Blanco Field North Flare Pit.00  
SDG NUMBER Kutz Area

## JOB NUMBER

400-237360-1

Eurofins Pensacola  
3355 McLemore Drive  
Pensacola FL 32514

# Eurofins Pensacola

## Job Notes

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

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

## Authorization



Generated  
6/22/2023 5:20:11 PM

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

Client: Stantec Consulting Services Inc  
Project/Site: Blanco Field North Flare Pit.00

Laboratory Job ID: 400-237360-1  
SDG: Kutz Area

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## Case Narrative

Client: Stantec Consulting Services Inc  
Project/Site: Blanco Field North Flare Pit.00

Job ID: 400-237360-1  
SDG: Kutz Area

### Job ID: 400-237360-1

#### Laboratory: Eurofins Pensacola

#### Narrative

#### Job Narrative 400-237360-1

#### Comments

No additional comments.

#### Receipt

The samples were received on 5/9/2023 8:50 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 0.8° C.

#### GC/MS VOA

Method 8260B: The following samples were diluted to bring the concentration of target analytes within the calibration range: : SB04 57FT (400-237360-2), SB04 65FT (400-237360-3), SB05 57FT (400-237360-5), SB05 60FT (400-237360-6), SB06 58FT (400-237360-9), SB06 69FT (400-237360-10), SB08 44FT (400-237360-16), SB08 55FT (400-237360-17) and SB07 61FT (400-237360-22). Elevated reporting limits (RLs) are provided.

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

#### HPLC/IC

Method 300.0: The continuing calibration verification (CCV) associated with batch 400-624556 recovered above the upper control limit for Chloride. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported.

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

#### GC VOA

Method 8015B: The following samples were diluted because the base dilution for methanol preserved soil analysis is 1:50: SB04 30FT (400-237360-1), SB04 57FT (400-237360-2), SB04 65FT (400-237360-3), SB05 27FT (400-237360-4), SB05 57FT (400-237360-5), SB05 60FT (400-237360-6), SB06 18FT (400-237360-7), SB06 30FT (400-237360-8), SB06 58FT (400-237360-9), SB06 69FT (400-237360-10), MW60 27FT (400-237360-11), MW60 63FT (400-237360-12), SB08 16FT (400-237360-13), SB08 30FT (400-237360-14), SB08 37FT (400-237360-15), SB07 19FT (400-237360-18), SB07 29FT (400-237360-19), SB07 42FT (400-237360-20), SB07 51FT (400-237360-21) and SB04 20FT (400-237360-23).

Method 8015B: The following samples were diluted to bring the concentration of target analytes within the calibration range: SB08 44FT (400-237360-16), SB08 55FT (400-237360-17) and SB07 61FT (400-237360-22). Elevated reporting limits (RLs) are provided.

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

#### GC Semi VOA

Method 8015B: Due to the high concentration of Diesel Range Organics [C10-C28] the matrix spike / matrix spike duplicate (MS/MSD) for preparation batch 400-624587 and analytical batch 400-624686 could not be evaluated for accuracy and precision. The associated laboratory control sample (LCS) met acceptance criteria.

Method 8015B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 400-624587 and analytical batch 400-624686 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 8015B: The following sample was diluted to bring the concentration of target analytes within the calibration range: SB08 55FT (400-237360-17). 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.

#### General Chemistry

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

#### Organic Prep

Case Narrative

Client: Stantec Consulting Services Inc  
Project/Site: Blanco Field North Flare Pit.00

Job ID: 400-237360-1  
SDG: Kutz Area

Job ID: 400-237360-1 (Continued)

Laboratory: Eurofins Pensacola (Continued)

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

VOA Prep

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

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## Detection Summary

Client: Stantec Consulting Services Inc  
Project/Site: Blanco Field North Flare Pit.00

Job ID: 400-237360-1  
SDG: Kutz Area

## Client Sample ID: SB04 30FT

## Lab Sample ID: 400-237360-1

| Analyte  | Result | Qualifier | RL | MDL | Unit  | Dil Fac | D | Method | Prep Type |
|----------|--------|-----------|----|-----|-------|---------|---|--------|-----------|
| Chloride | 30     |           | 23 | 2.6 | mg/Kg | 1       | ✱ | 300.0  | Soluble   |

## Client Sample ID: SB04 57FT

## Lab Sample ID: 400-237360-2

| Analyte                       | Result | Qualifier | RL   | MDL  | Unit  | Dil Fac | D | Method | Prep Type |
|-------------------------------|--------|-----------|------|------|-------|---------|---|--------|-----------|
| Benzene                       | 150    | J         | 290  | 39   | ug/Kg | 50      | ✱ | 8260B  | Total/NA  |
| Toluene                       | 3100   |           | 290  | 58   | ug/Kg | 50      | ✱ | 8260B  | Total/NA  |
| Ethylbenzene                  | 640    |           | 290  | 35   | ug/Kg | 50      | ✱ | 8260B  | Total/NA  |
| Xylenes, Total                | 12000  |           | 580  | 110  | ug/Kg | 50      | ✱ | 8260B  | Total/NA  |
| Gasoline Range Organics (GRO) | 180000 |           | 5500 | 2800 | ug/Kg | 50      | ✱ | 8015B  | Total/NA  |
| C6--C10                       |        |           |      |      |       |         |   |        |           |
| Diesel Range Organics (DRO)   | 200    |           | 5.2  | 2.1  | mg/Kg | 1       | ✱ | 8015B  | Total/NA  |
| Oil Range Organics (ORO)      | 4.5    | J         | 5.2  | 2.1  | mg/Kg | 1       | ✱ | 8015B  | Total/NA  |
| Chloride                      | 13     | J         | 21   | 2.4  | mg/Kg | 1       | ✱ | 300.0  | Soluble   |

## Client Sample ID: SB04 65FT

## Lab Sample ID: 400-237360-3

| Analyte                       | Result | Qualifier | RL   | MDL  | Unit  | Dil Fac | D | Method | Prep Type |
|-------------------------------|--------|-----------|------|------|-------|---------|---|--------|-----------|
| Benzene                       | 220    | J         | 300  | 40   | ug/Kg | 50      | ✱ | 8260B  | Total/NA  |
| Toluene                       | 400    |           | 300  | 60   | ug/Kg | 50      | ✱ | 8260B  | Total/NA  |
| Ethylbenzene                  | 37     | J         | 300  | 37   | ug/Kg | 50      | ✱ | 8260B  | Total/NA  |
| Xylenes, Total                | 510    | J         | 600  | 110  | ug/Kg | 50      | ✱ | 8260B  | Total/NA  |
| Gasoline Range Organics (GRO) | 46000  |           | 6000 | 3000 | ug/Kg | 50      | ✱ | 8015B  | Total/NA  |
| C6--C10                       |        |           |      |      |       |         |   |        |           |
| Diesel Range Organics (DRO)   | 7.3    |           | 5.4  | 2.2  | mg/Kg | 1       | ✱ | 8015B  | Total/NA  |
| Chloride                      | 7.1    | J         | 22   | 2.5  | mg/Kg | 1       | ✱ | 300.0  | Soluble   |

## Client Sample ID: SB05 27FT

## Lab Sample ID: 400-237360-4

| Analyte                     | Result | Qualifier | RL  | MDL | Unit  | Dil Fac | D | Method | Prep Type |
|-----------------------------|--------|-----------|-----|-----|-------|---------|---|--------|-----------|
| Diesel Range Organics (DRO) | 4.6    | J         | 5.5 | 2.2 | mg/Kg | 1       | ✱ | 8015B  | Total/NA  |
| Oil Range Organics (ORO)    | 5.6    |           | 5.5 | 2.2 | mg/Kg | 1       | ✱ | 8015B  | Total/NA  |
| Chloride                    | 73     |           | 22  | 2.6 | mg/Kg | 1       | ✱ | 300.0  | Soluble   |

## Client Sample ID: SB05 57FT

## Lab Sample ID: 400-237360-5

| Analyte                       | Result | Qualifier | RL   | MDL  | Unit  | Dil Fac | D | Method | Prep Type |
|-------------------------------|--------|-----------|------|------|-------|---------|---|--------|-----------|
| Benzene                       | 760    |           | 280  | 38   | ug/Kg | 50      | ✱ | 8260B  | Total/NA  |
| Toluene                       | 9900   |           | 280  | 57   | ug/Kg | 50      | ✱ | 8260B  | Total/NA  |
| Ethylbenzene                  | 910    |           | 280  | 35   | ug/Kg | 50      | ✱ | 8260B  | Total/NA  |
| Xylenes, Total                | 13000  |           | 570  | 110  | ug/Kg | 50      | ✱ | 8260B  | Total/NA  |
| Gasoline Range Organics (GRO) | 150000 |           | 5700 | 2900 | ug/Kg | 50      | ✱ | 8015B  | Total/NA  |
| C6--C10                       |        |           |      |      |       |         |   |        |           |
| Diesel Range Organics (DRO)   | 48     |           | 5.4  | 2.2  | mg/Kg | 1       | ✱ | 8015B  | Total/NA  |
| Chloride                      | 8.7    | J         | 22   | 2.5  | mg/Kg | 1       | ✱ | 300.0  | Soluble   |

## Client Sample ID: SB05 60FT

## Lab Sample ID: 400-237360-6

| Analyte        | Result | Qualifier | RL  | MDL | Unit  | Dil Fac | D | Method | Prep Type |
|----------------|--------|-----------|-----|-----|-------|---------|---|--------|-----------|
| Benzene        | 48     | J         | 310 | 42  | ug/Kg | 50      | ✱ | 8260B  | Total/NA  |
| Toluene        | 710    |           | 310 | 62  | ug/Kg | 50      | ✱ | 8260B  | Total/NA  |
| Ethylbenzene   | 140    | J         | 310 | 38  | ug/Kg | 50      | ✱ | 8260B  | Total/NA  |
| Xylenes, Total | 2500   |           | 620 | 120 | ug/Kg | 50      | ✱ | 8260B  | Total/NA  |

This Detection Summary does not include radiochemical test results.

Eurofins Pensacola

## Detection Summary

Client: Stantec Consulting Services Inc  
Project/Site: Blanco Field North Flare Pit.00

Job ID: 400-237360-1  
SDG: Kutz Area

## Client Sample ID: SB05 60FT (Continued)

## Lab Sample ID: 400-237360-6

| Analyte                                  | Result | Qualifier | RL   | MDL  | Unit  | Dil Fac | D | Method | Prep Type |
|------------------------------------------|--------|-----------|------|------|-------|---------|---|--------|-----------|
| Gasoline Range Organics (GRO)<br>C6--C10 | 66000  |           | 5800 | 2900 | ug/Kg | 50      | ✖ | 8015B  | Total/NA  |
| Diesel Range Organics (DRO)              | 370    |           | 5.4  | 2.2  | mg/Kg | 1       | ✖ | 8015B  | Total/NA  |
| Oil Range Organics (ORO)                 | 18     |           | 5.4  | 2.2  | mg/Kg | 1       | ✖ | 8015B  | Total/NA  |
| Chloride                                 | 5.7    | J         | 22   | 2.5  | mg/Kg | 1       | ✖ | 300.0  | Soluble   |

## Client Sample ID: SB06 18FT

## Lab Sample ID: 400-237360-7

| Analyte  | Result | Qualifier | RL | MDL | Unit  | Dil Fac | D | Method | Prep Type |
|----------|--------|-----------|----|-----|-------|---------|---|--------|-----------|
| Chloride | 7.0    | J         | 22 | 2.5 | mg/Kg | 1       | ✖ | 300.0  | Soluble   |

## Client Sample ID: SB06 30FT

## Lab Sample ID: 400-237360-8

| Analyte  | Result | Qualifier | RL | MDL | Unit  | Dil Fac | D | Method | Prep Type |
|----------|--------|-----------|----|-----|-------|---------|---|--------|-----------|
| Chloride | 19     | J         | 22 | 2.5 | mg/Kg | 1       | ✖ | 300.0  | Soluble   |

## Client Sample ID: SB06 58FT

## Lab Sample ID: 400-237360-9

| Analyte                                  | Result | Qualifier | RL   | MDL  | Unit  | Dil Fac | D | Method | Prep Type |
|------------------------------------------|--------|-----------|------|------|-------|---------|---|--------|-----------|
| Toluene                                  | 370    |           | 270  | 53   | ug/Kg | 50      | ✖ | 8260B  | Total/NA  |
| Xylenes, Total                           | 380    | J         | 530  | 100  | ug/Kg | 50      | ✖ | 8260B  | Total/NA  |
| Gasoline Range Organics (GRO)<br>C6--C10 | 4100   | J         | 4800 | 2400 | ug/Kg | 50      | ✖ | 8015B  | Total/NA  |
| Chloride                                 | 2.8    | J         | 20   | 2.3  | mg/Kg | 1       | ✖ | 300.0  | Soluble   |

## Client Sample ID: SB06 69FT

## Lab Sample ID: 400-237360-10

| Analyte                                  | Result | Qualifier | RL   | MDL  | Unit  | Dil Fac | D | Method | Prep Type |
|------------------------------------------|--------|-----------|------|------|-------|---------|---|--------|-----------|
| Benzene                                  | 100    | J         | 300  | 40   | ug/Kg | 50      | ✖ | 8260B  | Total/NA  |
| Ethylbenzene                             | 58     | J         | 300  | 36   | ug/Kg | 50      | ✖ | 8260B  | Total/NA  |
| Xylenes, Total                           | 1600   |           | 590  | 110  | ug/Kg | 50      | ✖ | 8260B  | Total/NA  |
| Gasoline Range Organics (GRO)<br>C6--C10 | 47000  |           | 5400 | 2700 | ug/Kg | 50      | ✖ | 8015B  | Total/NA  |
| Diesel Range Organics (DRO)              | 240    |           | 5.4  | 2.1  | mg/Kg | 1       | ✖ | 8015B  | Total/NA  |
| Oil Range Organics (ORO)                 | 36     |           | 5.4  | 2.1  | mg/Kg | 1       | ✖ | 8015B  | Total/NA  |
| Chloride                                 | 6.3    | J         | 22   | 2.5  | mg/Kg | 1       | ✖ | 300.0  | Soluble   |

## Client Sample ID: MW60 27FT

## Lab Sample ID: 400-237360-11

| Analyte  | Result | Qualifier | RL | MDL | Unit  | Dil Fac | D | Method | Prep Type |
|----------|--------|-----------|----|-----|-------|---------|---|--------|-----------|
| Chloride | 23     |           | 21 | 2.4 | mg/Kg | 1       | ✖ | 300.0  | Soluble   |

## Client Sample ID: MW60 63FT

## Lab Sample ID: 400-237360-12

| Analyte  | Result | Qualifier | RL | MDL | Unit  | Dil Fac | D | Method | Prep Type |
|----------|--------|-----------|----|-----|-------|---------|---|--------|-----------|
| Chloride | 4.4    | J         | 22 | 2.6 | mg/Kg | 1       | ✖ | 300.0  | Soluble   |

## Client Sample ID: SB08 16FT

## Lab Sample ID: 400-237360-13

| Analyte  | Result | Qualifier | RL | MDL | Unit  | Dil Fac | D | Method | Prep Type |
|----------|--------|-----------|----|-----|-------|---------|---|--------|-----------|
| Chloride | 4.0    | J         | 21 | 2.4 | mg/Kg | 1       | ✖ | 300.0  | Soluble   |

This Detection Summary does not include radiochemical test results.

Eurofins Pensacola

## Detection Summary

Client: Stantec Consulting Services Inc  
Project/Site: Blanco Field North Flare Pit.00

Job ID: 400-237360-1  
SDG: Kutz Area

## Client Sample ID: SB08 30FT

## Lab Sample ID: 400-237360-14

| Analyte                                  | Result | Qualifier | RL   | MDL  | Unit  | Dil Fac | D | Method | Prep Type |
|------------------------------------------|--------|-----------|------|------|-------|---------|---|--------|-----------|
| Gasoline Range Organics (GRO)<br>C6--C10 | 2800   | J         | 5400 | 2700 | ug/Kg | 50      | ✖ | 8015B  | Total/NA  |
| Chloride                                 | 15     | J         | 21   | 2.4  | mg/Kg | 1       | ✖ | 300.0  | Soluble   |

## Client Sample ID: SB08 37FT

## Lab Sample ID: 400-237360-15

| Analyte                                  | Result | Qualifier | RL   | MDL  | Unit  | Dil Fac | D | Method | Prep Type |
|------------------------------------------|--------|-----------|------|------|-------|---------|---|--------|-----------|
| Ethylbenzene                             | 3.8    | J         | 5.4  | 0.65 | ug/Kg | 1       | ✖ | 8260B  | Total/NA  |
| Xylenes, Total                           | 35     |           | 11   | 2.0  | ug/Kg | 1       | ✖ | 8260B  | Total/NA  |
| Gasoline Range Organics (GRO)<br>C6--C10 | 8600   |           | 6000 | 3000 | ug/Kg | 50      | ✖ | 8015B  | Total/NA  |
| Diesel Range Organics (DRO)              | 620    |           | 5.4  | 2.2  | mg/Kg | 1       | ✖ | 8015B  | Total/NA  |
| Oil Range Organics (ORO)                 | 360    |           | 5.4  | 2.2  | mg/Kg | 1       | ✖ | 8015B  | Total/NA  |
| Chloride                                 | 7.2    | J         | 22   | 2.5  | mg/Kg | 1       | ✖ | 300.0  | Soluble   |

## Client Sample ID: SB08 44FT

## Lab Sample ID: 400-237360-16

| Analyte                                  | Result | Qualifier | RL    | MDL   | Unit  | Dil Fac | D | Method | Prep Type |
|------------------------------------------|--------|-----------|-------|-------|-------|---------|---|--------|-----------|
| Ethylbenzene                             | 180    | J         | 310   | 37    | ug/Kg | 50      | ✖ | 8260B  | Total/NA  |
| Xylenes, Total                           | 2800   |           | 610   | 120   | ug/Kg | 50      | ✖ | 8260B  | Total/NA  |
| Gasoline Range Organics (GRO)<br>C6--C10 | 310000 |           | 22000 | 11000 | ug/Kg | 200     | ✖ | 8015B  | Total/NA  |
| Diesel Range Organics (DRO)              | 510    |           | 5.4   | 2.2   | mg/Kg | 1       | ✖ | 8015B  | Total/NA  |
| Oil Range Organics (ORO)                 | 75     |           | 5.4   | 2.2   | mg/Kg | 1       | ✖ | 8015B  | Total/NA  |
| Chloride                                 | 77     |           | 22    | 2.5   | mg/Kg | 1       | ✖ | 300.0  | Soluble   |

## Client Sample ID: SB08 55FT

## Lab Sample ID: 400-237360-17

| Analyte                                  | Result  | Qualifier | RL     | MDL   | Unit  | Dil Fac | D | Method | Prep Type |
|------------------------------------------|---------|-----------|--------|-------|-------|---------|---|--------|-----------|
| Toluene                                  | 280     | J         | 640    | 130   | ug/Kg | 100     | ✖ | 8260B  | Total/NA  |
| Ethylbenzene                             | 2000    |           | 640    | 77    | ug/Kg | 100     | ✖ | 8260B  | Total/NA  |
| Xylenes, Total                           | 13000   |           | 1300   | 240   | ug/Kg | 100     | ✖ | 8260B  | Total/NA  |
| Gasoline Range Organics (GRO)<br>C6--C10 | 1100000 |           | 120000 | 62000 | ug/Kg | 1000    | ✖ | 8015B  | Total/NA  |
| Diesel Range Organics (DRO)              | 1300    |           | 28     | 11    | mg/Kg | 5       | ✖ | 8015B  | Total/NA  |
| Oil Range Organics (ORO)                 | 220     |           | 5.6    | 2.3   | mg/Kg | 1       | ✖ | 8015B  | Total/NA  |
| Chloride                                 | 11      | J         | 23     | 2.6   | mg/Kg | 1       | ✖ | 300.0  | Soluble   |

## Client Sample ID: SB07 19FT

## Lab Sample ID: 400-237360-18

| Analyte  | Result | Qualifier | RL | MDL | Unit  | Dil Fac | D | Method | Prep Type |
|----------|--------|-----------|----|-----|-------|---------|---|--------|-----------|
| Chloride | 17     | J         | 20 | 2.3 | mg/Kg | 1       | ✖ | 300.0  | Soluble   |

## Client Sample ID: SB07 29FT

## Lab Sample ID: 400-237360-19

| Analyte                     | Result | Qualifier | RL  | MDL | Unit  | Dil Fac | D | Method | Prep Type |
|-----------------------------|--------|-----------|-----|-----|-------|---------|---|--------|-----------|
| Diesel Range Organics (DRO) | 2.9    | J         | 5.2 | 2.1 | mg/Kg | 1       | ✖ | 8015B  | Total/NA  |
| Chloride                    | 39     |           | 21  | 2.4 | mg/Kg | 1       | ✖ | 300.0  | Soluble   |

## Client Sample ID: SB07 42FT

## Lab Sample ID: 400-237360-20

| Analyte                                  | Result | Qualifier | RL   | MDL  | Unit  | Dil Fac | D | Method | Prep Type |
|------------------------------------------|--------|-----------|------|------|-------|---------|---|--------|-----------|
| Gasoline Range Organics (GRO)<br>C6--C10 | 3500   | J         | 5400 | 2700 | ug/Kg | 50      | ✖ | 8015B  | Total/NA  |
| Diesel Range Organics (DRO)              | 17     |           | 5.4  | 2.2  | mg/Kg | 1       | ✖ | 8015B  | Total/NA  |

This Detection Summary does not include radiochemical test results.

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## Detection Summary

Client: Stantec Consulting Services Inc  
Project/Site: Blanco Field North Flare Pit.00

Job ID: 400-237360-1  
SDG: Kutz Area

## Client Sample ID: SB07 42FT (Continued)

## Lab Sample ID: 400-237360-20

| Analyte                  | Result | Qualifier | RL  | MDL | Unit  | Dil Fac | D | Method | Prep Type |
|--------------------------|--------|-----------|-----|-----|-------|---------|---|--------|-----------|
| Oil Range Organics (ORO) | 6.9    |           | 5.4 | 2.2 | mg/Kg | 1       | ✱ | 8015B  | Total/NA  |
| Chloride                 | 42     |           | 22  | 2.5 | mg/Kg | 1       | ✱ | 300.0  | Soluble   |

## Client Sample ID: SB07 51FT

## Lab Sample ID: 400-237360-21

| Analyte                     | Result | Qualifier | RL  | MDL | Unit  | Dil Fac | D | Method | Prep Type |
|-----------------------------|--------|-----------|-----|-----|-------|---------|---|--------|-----------|
| Diesel Range Organics (DRO) | 8.6    |           | 5.2 | 2.1 | mg/Kg | 1       | ✱ | 8015B  | Total/NA  |
| Oil Range Organics (ORO)    | 3.2    | J         | 5.2 | 2.1 | mg/Kg | 1       | ✱ | 8015B  | Total/NA  |
| Chloride                    | 15     | J         | 20  | 2.3 | mg/Kg | 1       | ✱ | 300.0  | Soluble   |

## Client Sample ID: SB07 61FT

## Lab Sample ID: 400-237360-22

| Analyte                       | Result  | Qualifier | RL     | MDL    | Unit  | Dil Fac | D | Method | Prep Type |
|-------------------------------|---------|-----------|--------|--------|-------|---------|---|--------|-----------|
| Benzene                       | 830     |           | 620    | 83     | ug/Kg | 100     | ✱ | 8260B  | Total/NA  |
| Toluene                       | 13000   |           | 620    | 120    | ug/Kg | 100     | ✱ | 8260B  | Total/NA  |
| Ethylbenzene                  | 3700    |           | 620    | 75     | ug/Kg | 100     | ✱ | 8260B  | Total/NA  |
| Xylenes, Total - DL           | 53000   |           | 2500   | 470    | ug/Kg | 200     | ✱ | 8260B  | Total/NA  |
| Gasoline Range Organics (GRO) | 2200000 |           | 240000 | 120000 | ug/Kg | 2000    | ✱ | 8015B  | Total/NA  |
| C6--C10                       |         |           |        |        |       |         |   |        |           |
| Diesel Range Organics (DRO)   | 250     |           | 5.7    | 2.3    | mg/Kg | 1       | ✱ | 8015B  | Total/NA  |
| Oil Range Organics (ORO)      | 20      |           | 5.7    | 2.3    | mg/Kg | 1       | ✱ | 8015B  | Total/NA  |
| Chloride                      | 5.6     | J         | 23     | 2.6    | mg/Kg | 1       | ✱ | 300.0  | Soluble   |

## Client Sample ID: SB04 20FT

## Lab Sample ID: 400-237360-23

| Analyte  | Result | Qualifier | RL | MDL | Unit  | Dil Fac | D | Method | Prep Type |
|----------|--------|-----------|----|-----|-------|---------|---|--------|-----------|
| Chloride | 15     | J         | 20 | 2.3 | mg/Kg | 1       | ✱ | 300.0  | Soluble   |

This Detection Summary does not include radiochemical test results.

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Method Summary

Client: Stantec Consulting Services Inc  
Project/Site: Blanco Field North Flare Pit.00

Job ID: 400-237360-1  
SDG: Kutz Area

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

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

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



## Sample Summary

Client: Stantec Consulting Services Inc  
Project/Site: Blanco Field North Flare Pit.00

Job ID: 400-237360-1  
SDG: Kutz Area

| Lab Sample ID | Client Sample ID | Matrix | Collected      | Received       |
|---------------|------------------|--------|----------------|----------------|
| 400-237360-1  | SB04 30FT        | Solid  | 05/02/23 14:55 | 05/09/23 08:50 |
| 400-237360-2  | SB04 57FT        | Solid  | 05/03/23 10:40 | 05/09/23 08:50 |
| 400-237360-3  | SB04 65FT        | Solid  | 05/03/23 12:20 | 05/09/23 08:50 |
| 400-237360-4  | SB05 27FT        | Solid  | 05/04/23 08:50 | 05/09/23 08:50 |
| 400-237360-5  | SB05 57FT        | Solid  | 05/04/23 11:45 | 05/09/23 08:50 |
| 400-237360-6  | SB05 60FT        | Solid  | 05/04/23 12:05 | 05/09/23 08:50 |
| 400-237360-7  | SB06 18FT        | Solid  | 05/05/23 16:40 | 05/09/23 08:50 |
| 400-237360-8  | SB06 30FT        | Solid  | 05/05/23 17:05 | 05/09/23 08:50 |
| 400-237360-9  | SB06 58FT        | Solid  | 05/06/23 09:15 | 05/09/23 08:50 |
| 400-237360-10 | SB06 69FT        | Solid  | 05/06/23 10:40 | 05/09/23 08:50 |
| 400-237360-11 | MW60 27FT        | Solid  | 05/06/23 14:15 | 05/09/23 08:50 |
| 400-237360-12 | MW60 63FT        | Solid  | 05/06/23 17:00 | 05/09/23 08:50 |
| 400-237360-13 | SB08 16FT        | Solid  | 05/04/23 16:10 | 05/09/23 08:50 |
| 400-237360-14 | SB08 30FT        | Solid  | 05/04/23 16:40 | 05/09/23 08:50 |
| 400-237360-15 | SB08 37FT        | Solid  | 05/04/23 17:05 | 05/09/23 08:50 |
| 400-237360-16 | SB08 44FT        | Solid  | 05/04/23 17:08 | 05/09/23 08:50 |
| 400-237360-17 | SB08 55FT        | Solid  | 05/04/23 17:30 | 05/09/23 08:50 |
| 400-237360-18 | SB07 19FT        | Solid  | 05/05/23 10:20 | 05/09/23 08:50 |
| 400-237360-19 | SB07 29FT        | Solid  | 05/05/23 10:50 | 05/09/23 08:50 |
| 400-237360-20 | SB07 42FT        | Solid  | 05/05/23 11:25 | 05/09/23 08:50 |
| 400-237360-21 | SB07 51FT        | Solid  | 05/05/23 11:50 | 05/09/23 08:50 |
| 400-237360-22 | SB07 61FT        | Solid  | 05/05/23 13:00 | 05/09/23 08:50 |
| 400-237360-23 | SB04 20FT        | Solid  | 05/02/23 14:40 | 05/09/23 08:50 |

## Client Sample Results

Client: Stantec Consulting Services Inc  
Project/Site: Blanco Field North Flare Pit.00

Job ID: 400-237360-1  
SDG: Kutz Area

Client Sample ID: SB04 30FT

Lab Sample ID: 400-237360-1

Date Collected: 05/02/23 14:55

Matrix: Solid

Date Received: 05/09/23 08:50

Percent Solids: 87.6

## Method: SW846 8260B - Volatile Organic Compounds (GC/MS)

| Analyte        | Result | Qualifier | RL  | MDL  | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|----------------|--------|-----------|-----|------|-------|---|----------------|----------------|---------|
| Benzene        | 0.77   | U         | 5.8 | 0.77 | ug/Kg | ☆ | 05/15/23 10:27 | 05/15/23 21:29 | 1       |
| Toluene        | 1.2    | U         | 5.8 | 1.2  | ug/Kg | ☆ | 05/15/23 10:27 | 05/15/23 21:29 | 1       |
| Ethylbenzene   | 0.70   | U         | 5.8 | 0.70 | ug/Kg | ☆ | 05/15/23 10:27 | 05/15/23 21:29 | 1       |
| Xylenes, Total | 2.2    | U         | 12  | 2.2  | ug/Kg | ☆ | 05/15/23 10:27 | 05/15/23 21:29 | 1       |

| Surrogate            | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|----------------------|-----------|-----------|----------|----------------|----------------|---------|
| 4-Bromofluorobenzene | 97        |           | 67 - 130 | 05/15/23 10:27 | 05/15/23 21:29 | 1       |
| Dibromofluoromethane | 109       |           | 77 - 127 | 05/15/23 10:27 | 05/15/23 21:29 | 1       |
| Toluene-d8 (Surr)    | 120       |           | 76 - 127 | 05/15/23 10:27 | 05/15/23 21:29 | 1       |

## Method: SW846 8015B - Gasoline Range Organics - (GC)

| Analyte                                  | Result | Qualifier | RL   | MDL  | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|------------------------------------------|--------|-----------|------|------|-------|---|----------------|----------------|---------|
| Gasoline Range Organics (GRO)<br>C6--C10 | 3000   | U         | 6000 | 3000 | ug/Kg | ☆ | 05/11/23 10:28 | 05/11/23 19:14 | 50      |

| Surrogate                    | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|------------------------------|-----------|-----------|----------|----------------|----------------|---------|
| a,a,a-Trifluorotoluene (fid) | 94        |           | 65 - 125 | 05/11/23 10:28 | 05/11/23 19:14 | 50      |

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

| Analyte                     | Result | Qualifier | RL  | MDL | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|--------|-----------|-----|-----|-------|---|----------------|----------------|---------|
| Diesel Range Organics (DRO) | 2.2    | U         | 5.5 | 2.2 | mg/Kg | ☆ | 05/12/23 08:38 | 05/12/23 21:51 | 1       |
| Oil Range Organics (ORO)    | 2.2    | U         | 5.5 | 2.2 | mg/Kg | ☆ | 05/12/23 08:38 | 05/12/23 21:51 | 1       |

| Surrogate   | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|-------------|-----------|-----------|----------|----------------|----------------|---------|
| o-Terphenyl | 115       |           | 27 - 150 | 05/12/23 08:38 | 05/12/23 21:51 | 1       |

## Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte  | Result | Qualifier | RL | MDL | Unit  | D | Prepared | Analyzed       | Dil Fac |
|----------|--------|-----------|----|-----|-------|---|----------|----------------|---------|
| Chloride | 30     |           | 23 | 2.6 | mg/Kg | ☆ |          | 05/16/23 22:07 | 1       |

## General Chemistry

| Analyte                         | Result | Qualifier | RL   | MDL  | Unit | D | Prepared | Analyzed       | Dil Fac |
|---------------------------------|--------|-----------|------|------|------|---|----------|----------------|---------|
| Percent Solids (EPA Moisture)   | 87.6   |           | 0.01 | 0.01 | %    |   |          | 05/12/23 08:17 | 1       |
| Percent Moisture (EPA Moisture) | 12.4   |           | 0.01 | 0.01 | %    |   |          | 05/12/23 08:17 | 1       |

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## Client Sample Results

Client: Stantec Consulting Services Inc  
Project/Site: Blanco Field North Flare Pit.00

Job ID: 400-237360-1  
SDG: Kutz Area

Client Sample ID: SB04 57FT

Lab Sample ID: 400-237360-2

Date Collected: 05/03/23 10:40

Matrix: Solid

Date Received: 05/09/23 08:50

Percent Solids: 93.2

## Method: SW846 8260B - Volatile Organic Compounds (GC/MS)

| Analyte              | Result    | Qualifier | RL       | MDL | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|----------------------|-----------|-----------|----------|-----|-------|---|----------------|----------------|---------|
| Benzene              | 150       | J         | 290      | 39  | ug/Kg | ☆ | 05/16/23 09:02 | 05/16/23 12:56 | 50      |
| Toluene              | 3100      |           | 290      | 58  | ug/Kg | ☆ | 05/16/23 09:02 | 05/16/23 12:56 | 50      |
| Ethylbenzene         | 640       |           | 290      | 35  | ug/Kg | ☆ | 05/16/23 09:02 | 05/16/23 12:56 | 50      |
| Xylenes, Total       | 12000     |           | 580      | 110 | ug/Kg | ☆ | 05/16/23 09:02 | 05/16/23 12:56 | 50      |
| Surrogate            | %Recovery | Qualifier | Limits   |     |       |   | Prepared       | Analyzed       | Dil Fac |
| 4-Bromofluorobenzene | 97        |           | 67 - 130 |     |       |   | 05/16/23 09:02 | 05/16/23 12:56 | 50      |
| Dibromofluoromethane | 94        |           | 77 - 127 |     |       |   | 05/16/23 09:02 | 05/16/23 12:56 | 50      |
| Toluene-d8 (Surr)    | 106       |           | 76 - 127 |     |       |   | 05/16/23 09:02 | 05/16/23 12:56 | 50      |

## Method: SW846 8015B - Gasoline Range Organics - (GC)

| Analyte                                  | Result    | Qualifier | RL       | MDL  | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|------------------------------------------|-----------|-----------|----------|------|-------|---|----------------|----------------|---------|
| Gasoline Range Organics (GRO)<br>C6--C10 | 180000    |           | 5500     | 2800 | ug/Kg | ☆ | 05/11/23 10:28 | 05/11/23 19:35 | 50      |
| Surrogate                                | %Recovery | Qualifier | Limits   |      |       |   | Prepared       | Analyzed       | Dil Fac |
| a,a,a-Trifluorotoluene (fid)             | 88        |           | 65 - 125 |      |       |   | 05/11/23 10:28 | 05/11/23 19:35 | 50      |

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

| Analyte                     | Result    | Qualifier | RL       | MDL | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|-----------|-----------|----------|-----|-------|---|----------------|----------------|---------|
| Diesel Range Organics (DRO) | 200       |           | 5.2      | 2.1 | mg/Kg | ☆ | 05/12/23 08:38 | 05/12/23 22:08 | 1       |
| Oil Range Organics (ORO)    | 4.5       | J         | 5.2      | 2.1 | mg/Kg | ☆ | 05/12/23 08:38 | 05/12/23 22:08 | 1       |
| Surrogate                   | %Recovery | Qualifier | Limits   |     |       |   | Prepared       | Analyzed       | Dil Fac |
| o-Terphenyl                 | 123       |           | 27 - 150 |     |       |   | 05/12/23 08:38 | 05/12/23 22:08 | 1       |

## Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte  | Result | Qualifier | RL | MDL | Unit  | D | Prepared | Analyzed       | Dil Fac |
|----------|--------|-----------|----|-----|-------|---|----------|----------------|---------|
| Chloride | 13     | J         | 21 | 2.4 | mg/Kg | ☆ |          | 05/12/23 03:10 | 1       |

## General Chemistry

| Analyte                         | Result | Qualifier | RL   | MDL  | Unit | D | Prepared | Analyzed       | Dil Fac |
|---------------------------------|--------|-----------|------|------|------|---|----------|----------------|---------|
| Percent Solids (EPA Moisture)   | 93.2   |           | 0.01 | 0.01 | %    |   |          | 05/12/23 08:17 | 1       |
| Percent Moisture (EPA Moisture) | 6.8    |           | 0.01 | 0.01 | %    |   |          | 05/12/23 08:17 | 1       |

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## Client Sample Results

Client: Stantec Consulting Services Inc  
Project/Site: Blanco Field North Flare Pit.00

Job ID: 400-237360-1  
SDG: Kutz Area

Client Sample ID: SB04 65FT

Lab Sample ID: 400-237360-3

Date Collected: 05/03/23 12:20

Matrix: Solid

Date Received: 05/09/23 08:50

Percent Solids: 89.4

## Method: SW846 8260B - Volatile Organic Compounds (GC/MS)

| Analyte              | Result    | Qualifier | RL       | MDL | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|----------------------|-----------|-----------|----------|-----|-------|---|----------------|----------------|---------|
| Benzene              | 220       | J         | 300      | 40  | ug/Kg | ☆ | 05/16/23 09:02 | 05/16/23 13:21 | 50      |
| Toluene              | 400       |           | 300      | 60  | ug/Kg | ☆ | 05/16/23 09:02 | 05/16/23 13:21 | 50      |
| Ethylbenzene         | 37        | J         | 300      | 37  | ug/Kg | ☆ | 05/16/23 09:02 | 05/16/23 13:21 | 50      |
| Xylenes, Total       | 510       | J         | 600      | 110 | ug/Kg | ☆ | 05/16/23 09:02 | 05/16/23 13:21 | 50      |
| Surrogate            | %Recovery | Qualifier | Limits   |     |       |   | Prepared       | Analyzed       | Dil Fac |
| 4-Bromofluorobenzene | 102       |           | 67 - 130 |     |       |   | 05/16/23 09:02 | 05/16/23 13:21 | 50      |
| Dibromofluoromethane | 92        |           | 77 - 127 |     |       |   | 05/16/23 09:02 | 05/16/23 13:21 | 50      |
| Toluene-d8 (Surr)    | 104       |           | 76 - 127 |     |       |   | 05/16/23 09:02 | 05/16/23 13:21 | 50      |

## Method: SW846 8015B - Gasoline Range Organics - (GC)

| Analyte                                  | Result    | Qualifier | RL       | MDL  | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|------------------------------------------|-----------|-----------|----------|------|-------|---|----------------|----------------|---------|
| Gasoline Range Organics (GRO)<br>C6--C10 | 46000     |           | 6000     | 3000 | ug/Kg | ☆ | 05/15/23 10:45 | 05/15/23 18:59 | 50      |
| Surrogate                                | %Recovery | Qualifier | Limits   |      |       |   | Prepared       | Analyzed       | Dil Fac |
| a,a,a-Trifluorotoluene (fid)             | 94        |           | 65 - 125 |      |       |   | 05/15/23 10:45 | 05/15/23 18:59 | 50      |

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

| Analyte                     | Result    | Qualifier | RL       | MDL | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|-----------|-----------|----------|-----|-------|---|----------------|----------------|---------|
| Diesel Range Organics (DRO) | 7.3       |           | 5.4      | 2.2 | mg/Kg | ☆ | 05/12/23 08:38 | 05/12/23 22:25 | 1       |
| Oil Range Organics (ORO)    | 2.2       | U         | 5.4      | 2.2 | mg/Kg | ☆ | 05/12/23 08:38 | 05/12/23 22:25 | 1       |
| Surrogate                   | %Recovery | Qualifier | Limits   |     |       |   | Prepared       | Analyzed       | Dil Fac |
| o-Terphenyl                 | 122       |           | 27 - 150 |     |       |   | 05/12/23 08:38 | 05/12/23 22:25 | 1       |

## Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte  | Result | Qualifier | RL | MDL | Unit  | D | Prepared | Analyzed       | Dil Fac |
|----------|--------|-----------|----|-----|-------|---|----------|----------------|---------|
| Chloride | 7.1    | J         | 22 | 2.5 | mg/Kg | ☆ |          | 05/12/23 03:30 | 1       |

## General Chemistry

| Analyte                         | Result | Qualifier | RL   | MDL  | Unit | D | Prepared | Analyzed       | Dil Fac |
|---------------------------------|--------|-----------|------|------|------|---|----------|----------------|---------|
| Percent Solids (EPA Moisture)   | 89.4   |           | 0.01 | 0.01 | %    |   |          | 05/12/23 08:17 | 1       |
| Percent Moisture (EPA Moisture) | 10.6   |           | 0.01 | 0.01 | %    |   |          | 05/12/23 08:17 | 1       |

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## Client Sample Results

Client: Stantec Consulting Services Inc  
Project/Site: Blanco Field North Flare Pit.00

Job ID: 400-237360-1  
SDG: Kutz Area

Client Sample ID: SB05 27FT

Lab Sample ID: 400-237360-4

Date Collected: 05/04/23 08:50

Matrix: Solid

Date Received: 05/09/23 08:50

Percent Solids: 87.7

## Method: SW846 8260B - Volatile Organic Compounds (GC/MS)

| Analyte        | Result | Qualifier | RL  | MDL  | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|----------------|--------|-----------|-----|------|-------|---|----------------|----------------|---------|
| Benzene        | 0.76   | U         | 5.6 | 0.76 | ug/Kg | ☆ | 05/16/23 09:02 | 05/16/23 11:42 | 1       |
| Toluene        | 1.1    | U         | 5.6 | 1.1  | ug/Kg | ☆ | 05/16/23 09:02 | 05/16/23 11:42 | 1       |
| Ethylbenzene   | 0.69   | U         | 5.6 | 0.69 | ug/Kg | ☆ | 05/16/23 09:02 | 05/16/23 11:42 | 1       |
| Xylenes, Total | 2.1    | U         | 11  | 2.1  | ug/Kg | ☆ | 05/16/23 09:02 | 05/16/23 11:42 | 1       |

| Surrogate            | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|----------------------|-----------|-----------|----------|----------------|----------------|---------|
| 4-Bromofluorobenzene | 90        |           | 67 - 130 | 05/16/23 09:02 | 05/16/23 11:42 | 1       |
| Dibromofluoromethane | 103       |           | 77 - 127 | 05/16/23 09:02 | 05/16/23 11:42 | 1       |
| Toluene-d8 (Surr)    | 100       |           | 76 - 127 | 05/16/23 09:02 | 05/16/23 11:42 | 1       |

## Method: SW846 8015B - Gasoline Range Organics - (GC)

| Analyte                                  | Result | Qualifier | RL   | MDL  | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|------------------------------------------|--------|-----------|------|------|-------|---|----------------|----------------|---------|
| Gasoline Range Organics (GRO)<br>C6--C10 | 3100   | U         | 6300 | 3100 | ug/Kg | ☆ | 05/11/23 10:28 | 05/11/23 20:28 | 50      |

| Surrogate                    | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|------------------------------|-----------|-----------|----------|----------------|----------------|---------|
| a,a,a-Trifluorotoluene (fid) | 94        |           | 65 - 125 | 05/11/23 10:28 | 05/11/23 20:28 | 50      |

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

| Analyte                     | Result | Qualifier | RL  | MDL | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|--------|-----------|-----|-----|-------|---|----------------|----------------|---------|
| Diesel Range Organics (DRO) | 4.6    | J         | 5.5 | 2.2 | mg/Kg | ☆ | 05/12/23 08:38 | 05/12/23 22:43 | 1       |
| Oil Range Organics (ORO)    | 5.6    |           | 5.5 | 2.2 | mg/Kg | ☆ | 05/12/23 08:38 | 05/12/23 22:43 | 1       |

| Surrogate   | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|-------------|-----------|-----------|----------|----------------|----------------|---------|
| o-Terphenyl | 122       |           | 27 - 150 | 05/12/23 08:38 | 05/12/23 22:43 | 1       |

## Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte  | Result | Qualifier | RL | MDL | Unit  | D | Prepared | Analyzed       | Dil Fac |
|----------|--------|-----------|----|-----|-------|---|----------|----------------|---------|
| Chloride | 73     |           | 22 | 2.6 | mg/Kg | ☆ |          | 05/12/23 03:50 | 1       |

## General Chemistry

| Analyte                         | Result | Qualifier | RL   | MDL  | Unit | D | Prepared | Analyzed       | Dil Fac |
|---------------------------------|--------|-----------|------|------|------|---|----------|----------------|---------|
| Percent Solids (EPA Moisture)   | 87.7   |           | 0.01 | 0.01 | %    |   |          | 05/13/23 08:22 | 1       |
| Percent Moisture (EPA Moisture) | 12.3   |           | 0.01 | 0.01 | %    |   |          | 05/13/23 08:22 | 1       |

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## Client Sample Results

Client: Stantec Consulting Services Inc  
Project/Site: Blanco Field North Flare Pit.00

Job ID: 400-237360-1  
SDG: Kutz Area

Client Sample ID: SB05 57FT

Lab Sample ID: 400-237360-5

Date Collected: 05/04/23 11:45

Matrix: Solid

Date Received: 05/09/23 08:50

Percent Solids: 90.5

## Method: SW846 8260B - Volatile Organic Compounds (GC/MS)

| Analyte        | Result | Qualifier | RL  | MDL | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|----------------|--------|-----------|-----|-----|-------|---|----------------|----------------|---------|
| Benzene        | 760    |           | 280 | 38  | ug/Kg | ☆ | 05/17/23 09:01 | 05/17/23 13:09 | 50      |
| Toluene        | 9900   |           | 280 | 57  | ug/Kg | ☆ | 05/17/23 09:01 | 05/17/23 13:09 | 50      |
| Ethylbenzene   | 910    |           | 280 | 35  | ug/Kg | ☆ | 05/17/23 09:01 | 05/17/23 13:09 | 50      |
| Xylenes, Total | 13000  |           | 570 | 110 | ug/Kg | ☆ | 05/17/23 09:01 | 05/17/23 13:09 | 50      |

| Surrogate            | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|----------------------|-----------|-----------|----------|----------------|----------------|---------|
| 4-Bromofluorobenzene | 95        |           | 67 - 130 | 05/17/23 09:01 | 05/17/23 13:09 | 50      |
| Dibromofluoromethane | 91        |           | 77 - 127 | 05/17/23 09:01 | 05/17/23 13:09 | 50      |
| Toluene-d8 (Surr)    | 109       |           | 76 - 127 | 05/17/23 09:01 | 05/17/23 13:09 | 50      |

## Method: SW846 8015B - Gasoline Range Organics - (GC)

| Analyte                                  | Result | Qualifier | RL   | MDL  | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|------------------------------------------|--------|-----------|------|------|-------|---|----------------|----------------|---------|
| Gasoline Range Organics (GRO)<br>C6--C10 | 150000 |           | 5700 | 2900 | ug/Kg | ☆ | 05/11/23 10:28 | 05/11/23 20:54 | 50      |

| Surrogate                    | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|------------------------------|-----------|-----------|----------|----------------|----------------|---------|
| a,a,a-Trifluorotoluene (fid) | 99        |           | 65 - 125 | 05/11/23 10:28 | 05/11/23 20:54 | 50      |

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

| Analyte                     | Result | Qualifier | RL  | MDL | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|--------|-----------|-----|-----|-------|---|----------------|----------------|---------|
| Diesel Range Organics (DRO) | 48     |           | 5.4 | 2.2 | mg/Kg | ☆ | 05/12/23 08:38 | 05/12/23 23:00 | 1       |
| Oil Range Organics (ORO)    | 2.2    | U         | 5.4 | 2.2 | mg/Kg | ☆ | 05/12/23 08:38 | 05/12/23 23:00 | 1       |

| Surrogate   | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|-------------|-----------|-----------|----------|----------------|----------------|---------|
| o-Terphenyl | 85        |           | 27 - 150 | 05/12/23 08:38 | 05/12/23 23:00 | 1       |

## Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte  | Result | Qualifier | RL | MDL | Unit  | D | Prepared | Analyzed       | Dil Fac |
|----------|--------|-----------|----|-----|-------|---|----------|----------------|---------|
| Chloride | 8.7    | J         | 22 | 2.5 | mg/Kg | ☆ |          | 05/12/23 04:09 | 1       |

## General Chemistry

| Analyte                         | Result | Qualifier | RL   | MDL  | Unit | D | Prepared | Analyzed       | Dil Fac |
|---------------------------------|--------|-----------|------|------|------|---|----------|----------------|---------|
| Percent Solids (EPA Moisture)   | 90.5   |           | 0.01 | 0.01 | %    |   |          | 05/12/23 08:17 | 1       |
| Percent Moisture (EPA Moisture) | 9.5    |           | 0.01 | 0.01 | %    |   |          | 05/12/23 08:17 | 1       |

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## Client Sample Results

Client: Stantec Consulting Services Inc  
Project/Site: Blanco Field North Flare Pit.00

Job ID: 400-237360-1  
SDG: Kutz Area

Client Sample ID: SB05 60FT

Lab Sample ID: 400-237360-6

Date Collected: 05/04/23 12:05

Matrix: Solid

Date Received: 05/09/23 08:50

Percent Solids: 90.3

## Method: SW846 8260B - Volatile Organic Compounds (GC/MS)

| Analyte        | Result | Qualifier | RL  | MDL | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|----------------|--------|-----------|-----|-----|-------|---|----------------|----------------|---------|
| Benzene        | 48     | J         | 310 | 42  | ug/Kg | ☆ | 05/17/23 09:01 | 05/17/23 13:34 | 50      |
| Toluene        | 710    |           | 310 | 62  | ug/Kg | ☆ | 05/17/23 09:01 | 05/17/23 13:34 | 50      |
| Ethylbenzene   | 140    | J         | 310 | 38  | ug/Kg | ☆ | 05/17/23 09:01 | 05/17/23 13:34 | 50      |
| Xylenes, Total | 2500   |           | 620 | 120 | ug/Kg | ☆ | 05/17/23 09:01 | 05/17/23 13:34 | 50      |

| Surrogate            | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|----------------------|-----------|-----------|----------|----------------|----------------|---------|
| 4-Bromofluorobenzene | 96        |           | 67 - 130 | 05/17/23 09:01 | 05/17/23 13:34 | 50      |
| Dibromofluoromethane | 100       |           | 77 - 127 | 05/17/23 09:01 | 05/17/23 13:34 | 50      |
| Toluene-d8 (Surr)    | 102       |           | 76 - 127 | 05/17/23 09:01 | 05/17/23 13:34 | 50      |

## Method: SW846 8015B - Gasoline Range Organics - (GC)

| Analyte                                  | Result | Qualifier | RL   | MDL  | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|------------------------------------------|--------|-----------|------|------|-------|---|----------------|----------------|---------|
| Gasoline Range Organics (GRO)<br>C6--C10 | 66000  |           | 5800 | 2900 | ug/Kg | ☆ | 05/11/23 10:28 | 05/11/23 21:21 | 50      |

| Surrogate                    | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|------------------------------|-----------|-----------|----------|----------------|----------------|---------|
| a,a,a-Trifluorotoluene (fid) | 93        |           | 65 - 125 | 05/11/23 10:28 | 05/11/23 21:21 | 50      |

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

| Analyte                     | Result | Qualifier | RL  | MDL | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|--------|-----------|-----|-----|-------|---|----------------|----------------|---------|
| Diesel Range Organics (DRO) | 370    |           | 5.4 | 2.2 | mg/Kg | ☆ | 05/12/23 08:38 | 05/12/23 23:17 | 1       |
| Oil Range Organics (ORO)    | 18     |           | 5.4 | 2.2 | mg/Kg | ☆ | 05/12/23 08:38 | 05/12/23 23:17 | 1       |

| Surrogate   | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|-------------|-----------|-----------|----------|----------------|----------------|---------|
| o-Terphenyl | 112       |           | 27 - 150 | 05/12/23 08:38 | 05/12/23 23:17 | 1       |

## Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte  | Result | Qualifier | RL | MDL | Unit  | D | Prepared | Analyzed       | Dil Fac |
|----------|--------|-----------|----|-----|-------|---|----------|----------------|---------|
| Chloride | 5.7    | J         | 22 | 2.5 | mg/Kg | ☆ |          | 05/12/23 04:29 | 1       |

## General Chemistry

| Analyte                         | Result | Qualifier | RL   | MDL  | Unit | D | Prepared | Analyzed       | Dil Fac |
|---------------------------------|--------|-----------|------|------|------|---|----------|----------------|---------|
| Percent Solids (EPA Moisture)   | 90.3   |           | 0.01 | 0.01 | %    |   |          | 05/12/23 08:17 | 1       |
| Percent Moisture (EPA Moisture) | 9.7    |           | 0.01 | 0.01 | %    |   |          | 05/12/23 08:17 | 1       |

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## Client Sample Results

Client: Stantec Consulting Services Inc  
Project/Site: Blanco Field North Flare Pit.00

Job ID: 400-237360-1  
SDG: Kutz Area

Client Sample ID: SB06 18FT

Lab Sample ID: 400-237360-7

Date Collected: 05/05/23 16:40

Matrix: Solid

Date Received: 05/09/23 08:50

Percent Solids: 91.4

## Method: SW846 8260B - Volatile Organic Compounds (GC/MS)

| Analyte              | Result    | Qualifier | RL       | MDL  | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|----------------------|-----------|-----------|----------|------|-------|---|----------------|----------------|---------|
| Benzene              | 0.76      | U         | 5.7      | 0.76 | ug/Kg | ☆ | 05/18/23 12:00 | 05/18/23 19:19 | 1       |
| Toluene              | 1.1       | U         | 5.7      | 1.1  | ug/Kg | ☆ | 05/18/23 12:00 | 05/18/23 19:19 | 1       |
| Ethylbenzene         | 0.70      | U         | 5.7      | 0.70 | ug/Kg | ☆ | 05/18/23 12:00 | 05/18/23 19:19 | 1       |
| Xylenes, Total       | 2.2       | U         | 11       | 2.2  | ug/Kg | ☆ | 05/18/23 12:00 | 05/18/23 19:19 | 1       |
| Surrogate            | %Recovery | Qualifier | Limits   |      |       |   | Prepared       | Analyzed       | Dil Fac |
| 4-Bromofluorobenzene | 109       |           | 67 - 130 |      |       |   | 05/18/23 12:00 | 05/18/23 19:19 | 1       |
| Dibromofluoromethane | 99        |           | 77 - 127 |      |       |   | 05/18/23 12:00 | 05/18/23 19:19 | 1       |
| Toluene-d8 (Surr)    | 105       |           | 76 - 127 |      |       |   | 05/18/23 12:00 | 05/18/23 19:19 | 1       |

## Method: SW846 8015B - Gasoline Range Organics - (GC)

| Analyte                                  | Result    | Qualifier | RL       | MDL  | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|------------------------------------------|-----------|-----------|----------|------|-------|---|----------------|----------------|---------|
| Gasoline Range Organics (GRO)<br>C6--C10 | 2700      | U         | 5500     | 2700 | ug/Kg | ☆ | 05/15/23 10:45 | 05/15/23 19:24 | 50      |
| Surrogate                                | %Recovery | Qualifier | Limits   |      |       |   | Prepared       | Analyzed       | Dil Fac |
| a,a,a-Trifluorotoluene (fid)             | 94        |           | 65 - 125 |      |       |   | 05/15/23 10:45 | 05/15/23 19:24 | 50      |

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

| Analyte                     | Result    | Qualifier | RL       | MDL | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|-----------|-----------|----------|-----|-------|---|----------------|----------------|---------|
| Diesel Range Organics (DRO) | 2.2       | U         | 5.4      | 2.2 | mg/Kg | ☆ | 05/15/23 23:46 | 05/17/23 16:19 | 1       |
| Oil Range Organics (ORO)    | 2.2       | U         | 5.4      | 2.2 | mg/Kg | ☆ | 05/15/23 23:46 | 05/17/23 16:19 | 1       |
| Surrogate                   | %Recovery | Qualifier | Limits   |     |       |   | Prepared       | Analyzed       | Dil Fac |
| o-Terphenyl                 | 101       |           | 27 - 150 |     |       |   | 05/15/23 23:46 | 05/17/23 16:19 | 1       |

## Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte  | Result | Qualifier | RL | MDL | Unit  | D | Prepared | Analyzed       | Dil Fac |
|----------|--------|-----------|----|-----|-------|---|----------|----------------|---------|
| Chloride | 7.0    | J         | 22 | 2.5 | mg/Kg | ☆ |          | 05/12/23 04:49 | 1       |

## General Chemistry

| Analyte                         | Result | Qualifier | RL   | MDL  | Unit | D | Prepared | Analyzed       | Dil Fac |
|---------------------------------|--------|-----------|------|------|------|---|----------|----------------|---------|
| Percent Solids (EPA Moisture)   | 91.4   |           | 0.01 | 0.01 | %    |   |          | 05/12/23 09:38 | 1       |
| Percent Moisture (EPA Moisture) | 8.6    |           | 0.01 | 0.01 | %    |   |          | 05/12/23 09:38 | 1       |

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## Client Sample Results

Client: Stantec Consulting Services Inc  
Project/Site: Blanco Field North Flare Pit.00

Job ID: 400-237360-1  
SDG: Kutz Area

Client Sample ID: SB06 30FT

Lab Sample ID: 400-237360-8

Date Collected: 05/05/23 17:05

Matrix: Solid

Date Received: 05/09/23 08:50

Percent Solids: 92.0

## Method: SW846 8260B - Volatile Organic Compounds (GC/MS)

| Analyte        | Result | Qualifier | RL  | MDL  | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|----------------|--------|-----------|-----|------|-------|---|----------------|----------------|---------|
| Benzene        | 0.77   | U         | 5.7 | 0.77 | ug/Kg | ☆ | 05/18/23 12:00 | 05/18/23 19:40 | 1       |
| Toluene        | 1.1    | U         | 5.7 | 1.1  | ug/Kg | ☆ | 05/18/23 12:00 | 05/18/23 19:40 | 1       |
| Ethylbenzene   | 0.70   | U         | 5.7 | 0.70 | ug/Kg | ☆ | 05/18/23 12:00 | 05/18/23 19:40 | 1       |
| Xylenes, Total | 2.2    | U         | 11  | 2.2  | ug/Kg | ☆ | 05/18/23 12:00 | 05/18/23 19:40 | 1       |

| Surrogate            | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|----------------------|-----------|-----------|----------|----------------|----------------|---------|
| 4-Bromofluorobenzene | 110       |           | 67 - 130 | 05/18/23 12:00 | 05/18/23 19:40 | 1       |
| Dibromofluoromethane | 97        |           | 77 - 127 | 05/18/23 12:00 | 05/18/23 19:40 | 1       |
| Toluene-d8 (Surr)    | 103       |           | 76 - 127 | 05/18/23 12:00 | 05/18/23 19:40 | 1       |

## Method: SW846 8015B - Gasoline Range Organics - (GC)

| Analyte                                  | Result | Qualifier | RL   | MDL  | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|------------------------------------------|--------|-----------|------|------|-------|---|----------------|----------------|---------|
| Gasoline Range Organics (GRO)<br>C6--C10 | 2700   | U         | 5500 | 2700 | ug/Kg | ☆ | 05/15/23 10:45 | 05/15/23 14:59 | 50      |

| Surrogate                    | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|------------------------------|-----------|-----------|----------|----------------|----------------|---------|
| a,a,a-Trifluorotoluene (fid) | 92        |           | 65 - 125 | 05/15/23 10:45 | 05/15/23 14:59 | 50      |

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

| Analyte                     | Result | Qualifier | RL  | MDL | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|--------|-----------|-----|-----|-------|---|----------------|----------------|---------|
| Diesel Range Organics (DRO) | 2.2    | U         | 5.4 | 2.2 | mg/Kg | ☆ | 05/15/23 23:46 | 05/17/23 17:13 | 1       |
| Oil Range Organics (ORO)    | 2.2    | U         | 5.4 | 2.2 | mg/Kg | ☆ | 05/15/23 23:46 | 05/17/23 17:13 | 1       |

| Surrogate   | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|-------------|-----------|-----------|----------|----------------|----------------|---------|
| o-Terphenyl | 99        |           | 27 - 150 | 05/15/23 23:46 | 05/17/23 17:13 | 1       |

## Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte  | Result | Qualifier | RL | MDL | Unit  | D | Prepared | Analyzed       | Dil Fac |
|----------|--------|-----------|----|-----|-------|---|----------|----------------|---------|
| Chloride | 19     | J         | 22 | 2.5 | mg/Kg | ☆ |          | 05/12/23 05:09 | 1       |

## General Chemistry

| Analyte                         | Result | Qualifier | RL   | MDL  | Unit | D | Prepared | Analyzed       | Dil Fac |
|---------------------------------|--------|-----------|------|------|------|---|----------|----------------|---------|
| Percent Solids (EPA Moisture)   | 92.0   |           | 0.01 | 0.01 | %    |   |          | 05/12/23 09:38 | 1       |
| Percent Moisture (EPA Moisture) | 8.0    |           | 0.01 | 0.01 | %    |   |          | 05/12/23 09:38 | 1       |

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## Client Sample Results

Client: Stantec Consulting Services Inc  
Project/Site: Blanco Field North Flare Pit.00

Job ID: 400-237360-1  
SDG: Kutz Area

Client Sample ID: SB06 58FT

Lab Sample ID: 400-237360-9

Date Collected: 05/06/23 09:15

Matrix: Solid

Date Received: 05/09/23 08:50

Percent Solids: 98.2

## Method: SW846 8260B - Volatile Organic Compounds (GC/MS)

| Analyte              | Result    | Qualifier | RL       | MDL | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|----------------------|-----------|-----------|----------|-----|-------|---|----------------|----------------|---------|
| Benzene              | 36        | U         | 270      | 36  | ug/Kg | ☆ | 05/18/23 12:00 | 05/18/23 22:28 | 50      |
| Toluene              | 370       |           | 270      | 53  | ug/Kg | ☆ | 05/18/23 12:00 | 05/18/23 22:28 | 50      |
| Ethylbenzene         | 33        | U         | 270      | 33  | ug/Kg | ☆ | 05/18/23 12:00 | 05/18/23 22:28 | 50      |
| Xylenes, Total       | 380       | J         | 530      | 100 | ug/Kg | ☆ | 05/18/23 12:00 | 05/18/23 22:28 | 50      |
| Surrogate            | %Recovery | Qualifier | Limits   |     |       |   | Prepared       | Analyzed       | Dil Fac |
| 4-Bromofluorobenzene | 108       |           | 67 - 130 |     |       |   | 05/18/23 12:00 | 05/18/23 22:28 | 50      |
| Dibromofluoromethane | 98        |           | 77 - 127 |     |       |   | 05/18/23 12:00 | 05/18/23 22:28 | 50      |
| Toluene-d8 (Surr)    | 111       |           | 76 - 127 |     |       |   | 05/18/23 12:00 | 05/18/23 22:28 | 50      |

## Method: SW846 8015B - Gasoline Range Organics - (GC)

| Analyte                                  | Result    | Qualifier | RL       | MDL  | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|------------------------------------------|-----------|-----------|----------|------|-------|---|----------------|----------------|---------|
| Gasoline Range Organics (GRO)<br>C6--C10 | 4100      | J         | 4800     | 2400 | ug/Kg | ☆ | 05/12/23 09:01 | 05/12/23 12:25 | 50      |
| Surrogate                                | %Recovery | Qualifier | Limits   |      |       |   | Prepared       | Analyzed       | Dil Fac |
| a,a,a-Trifluorotoluene (fid)             | 95        |           | 65 - 125 |      |       |   | 05/12/23 09:01 | 05/12/23 12:25 | 50      |

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

| Analyte                     | Result    | Qualifier | RL       | MDL | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|-----------|-----------|----------|-----|-------|---|----------------|----------------|---------|
| Diesel Range Organics (DRO) | 2.0       | U         | 5.1      | 2.0 | mg/Kg | ☆ | 05/15/23 23:46 | 05/17/23 17:30 | 1       |
| Oil Range Organics (ORO)    | 2.0       | U         | 5.1      | 2.0 | mg/Kg | ☆ | 05/15/23 23:46 | 05/17/23 17:30 | 1       |
| Surrogate                   | %Recovery | Qualifier | Limits   |     |       |   | Prepared       | Analyzed       | Dil Fac |
| o-Terphenyl                 | 99        |           | 27 - 150 |     |       |   | 05/15/23 23:46 | 05/17/23 17:30 | 1       |

## Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte  | Result | Qualifier | RL | MDL | Unit  | D | Prepared | Analyzed       | Dil Fac |
|----------|--------|-----------|----|-----|-------|---|----------|----------------|---------|
| Chloride | 2.8    | J         | 20 | 2.3 | mg/Kg | ☆ |          | 05/12/23 05:29 | 1       |

## General Chemistry

| Analyte                         | Result | Qualifier | RL   | MDL  | Unit | D | Prepared | Analyzed       | Dil Fac |
|---------------------------------|--------|-----------|------|------|------|---|----------|----------------|---------|
| Percent Solids (EPA Moisture)   | 98.2   |           | 0.01 | 0.01 | %    |   |          | 05/12/23 09:38 | 1       |
| Percent Moisture (EPA Moisture) | 1.8    |           | 0.01 | 0.01 | %    |   |          | 05/12/23 09:38 | 1       |

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## Client Sample Results

Client: Stantec Consulting Services Inc  
Project/Site: Blanco Field North Flare Pit.00

Job ID: 400-237360-1  
SDG: Kutz Area

Client Sample ID: SB06 69FT

Lab Sample ID: 400-237360-10

Date Collected: 05/06/23 10:40

Matrix: Solid

Date Received: 05/09/23 08:50

Percent Solids: 91.5

## Method: SW846 8260B - Volatile Organic Compounds (GC/MS)

| Analyte              | Result    | Qualifier | RL       | MDL | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|----------------------|-----------|-----------|----------|-----|-------|---|----------------|----------------|---------|
| Benzene              | 100       | J         | 300      | 40  | ug/Kg | ☆ | 05/18/23 12:00 | 05/18/23 22:49 | 50      |
| Toluene              | 59        | U         | 300      | 59  | ug/Kg | ☆ | 05/18/23 12:00 | 05/18/23 22:49 | 50      |
| Ethylbenzene         | 58        | J         | 300      | 36  | ug/Kg | ☆ | 05/18/23 12:00 | 05/18/23 22:49 | 50      |
| Xylenes, Total       | 1600      |           | 590      | 110 | ug/Kg | ☆ | 05/18/23 12:00 | 05/18/23 22:49 | 50      |
| Surrogate            | %Recovery | Qualifier | Limits   |     |       |   | Prepared       | Analyzed       | Dil Fac |
| 4-Bromofluorobenzene | 105       |           | 67 - 130 |     |       |   | 05/18/23 12:00 | 05/18/23 22:49 | 50      |
| Dibromofluoromethane | 98        |           | 77 - 127 |     |       |   | 05/18/23 12:00 | 05/18/23 22:49 | 50      |
| Toluene-d8 (Surr)    | 113       |           | 76 - 127 |     |       |   | 05/18/23 12:00 | 05/18/23 22:49 | 50      |

## Method: SW846 8015B - Gasoline Range Organics - (GC)

| Analyte                                  | Result    | Qualifier | RL       | MDL  | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|------------------------------------------|-----------|-----------|----------|------|-------|---|----------------|----------------|---------|
| Gasoline Range Organics (GRO)<br>C6--C10 | 47000     |           | 5400     | 2700 | ug/Kg | ☆ | 05/12/23 09:01 | 05/12/23 12:44 | 50      |
| Surrogate                                | %Recovery | Qualifier | Limits   |      |       |   | Prepared       | Analyzed       | Dil Fac |
| a,a,a-Trifluorotoluene (fid)             | 92        |           | 65 - 125 |      |       |   | 05/12/23 09:01 | 05/12/23 12:44 | 50      |

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

| Analyte                     | Result    | Qualifier | RL       | MDL | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|-----------|-----------|----------|-----|-------|---|----------------|----------------|---------|
| Diesel Range Organics (DRO) | 240       |           | 5.4      | 2.1 | mg/Kg | ☆ | 05/15/23 23:46 | 05/17/23 17:47 | 1       |
| Oil Range Organics (ORO)    | 36        |           | 5.4      | 2.1 | mg/Kg | ☆ | 05/15/23 23:46 | 05/17/23 17:47 | 1       |
| Surrogate                   | %Recovery | Qualifier | Limits   |     |       |   | Prepared       | Analyzed       | Dil Fac |
| o-Terphenyl                 | 98        |           | 27 - 150 |     |       |   | 05/15/23 23:46 | 05/17/23 17:47 | 1       |

## Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte  | Result | Qualifier | RL | MDL | Unit  | D | Prepared | Analyzed       | Dil Fac |
|----------|--------|-----------|----|-----|-------|---|----------|----------------|---------|
| Chloride | 6.3    | J         | 22 | 2.5 | mg/Kg | ☆ |          | 05/17/23 00:06 | 1       |

## General Chemistry

| Analyte                         | Result | Qualifier | RL   | MDL  | Unit | D | Prepared | Analyzed       | Dil Fac |
|---------------------------------|--------|-----------|------|------|------|---|----------|----------------|---------|
| Percent Solids (EPA Moisture)   | 91.5   |           | 0.01 | 0.01 | %    |   |          | 05/11/23 14:21 | 1       |
| Percent Moisture (EPA Moisture) | 8.5    |           | 0.01 | 0.01 | %    |   |          | 05/11/23 14:21 | 1       |

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## Client Sample Results

Client: Stantec Consulting Services Inc  
Project/Site: Blanco Field North Flare Pit.00

Job ID: 400-237360-1  
SDG: Kutz Area

Client Sample ID: MW60 27FT

Lab Sample ID: 400-237360-11

Date Collected: 05/06/23 14:15

Matrix: Solid

Date Received: 05/09/23 08:50

Percent Solids: 95.4

## Method: SW846 8260B - Volatile Organic Compounds (GC/MS)

| Analyte        | Result | Qualifier | RL  | MDL  | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|----------------|--------|-----------|-----|------|-------|---|----------------|----------------|---------|
| Benzene        | 0.69   | U         | 5.1 | 0.69 | ug/Kg | ☆ | 05/18/23 12:00 | 05/18/23 20:01 | 1       |
| Toluene        | 1.0    | U         | 5.1 | 1.0  | ug/Kg | ☆ | 05/18/23 12:00 | 05/18/23 20:01 | 1       |
| Ethylbenzene   | 0.63   | U         | 5.1 | 0.63 | ug/Kg | ☆ | 05/18/23 12:00 | 05/18/23 20:01 | 1       |
| Xylenes, Total | 2.0    | U         | 10  | 2.0  | ug/Kg | ☆ | 05/18/23 12:00 | 05/18/23 20:01 | 1       |

| Surrogate            | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|----------------------|-----------|-----------|----------|----------------|----------------|---------|
| 4-Bromofluorobenzene | 110       |           | 67 - 130 | 05/18/23 12:00 | 05/18/23 20:01 | 1       |
| Dibromofluoromethane | 99        |           | 77 - 127 | 05/18/23 12:00 | 05/18/23 20:01 | 1       |
| Toluene-d8 (Surr)    | 108       |           | 76 - 127 | 05/18/23 12:00 | 05/18/23 20:01 | 1       |

## Method: SW846 8015B - Gasoline Range Organics - (GC)

| Analyte                                  | Result | Qualifier | RL   | MDL  | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|------------------------------------------|--------|-----------|------|------|-------|---|----------------|----------------|---------|
| Gasoline Range Organics (GRO)<br>C6--C10 | 2500   | U         | 5100 | 2500 | ug/Kg | ☆ | 05/12/23 09:01 | 05/12/23 13:10 | 50      |

| Surrogate                    | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|------------------------------|-----------|-----------|----------|----------------|----------------|---------|
| a,a,a-Trifluorotoluene (fid) | 95        |           | 65 - 125 | 05/12/23 09:01 | 05/12/23 13:10 | 50      |

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

| Analyte                     | Result | Qualifier | RL  | MDL | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|--------|-----------|-----|-----|-------|---|----------------|----------------|---------|
| Diesel Range Organics (DRO) | 2.1    | U         | 5.2 | 2.1 | mg/Kg | ☆ | 05/15/23 23:46 | 05/17/23 18:05 | 1       |
| Oil Range Organics (ORO)    | 2.1    | U         | 5.2 | 2.1 | mg/Kg | ☆ | 05/15/23 23:46 | 05/17/23 18:05 | 1       |

| Surrogate   | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|-------------|-----------|-----------|----------|----------------|----------------|---------|
| o-Terphenyl | 109       |           | 27 - 150 | 05/15/23 23:46 | 05/17/23 18:05 | 1       |

## Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte  | Result | Qualifier | RL | MDL | Unit  | D | Prepared | Analyzed       | Dil Fac |
|----------|--------|-----------|----|-----|-------|---|----------|----------------|---------|
| Chloride | 23     |           | 21 | 2.4 | mg/Kg | ☆ |          | 05/17/23 01:05 | 1       |

## General Chemistry

| Analyte                         | Result | Qualifier | RL   | MDL  | Unit | D | Prepared | Analyzed       | Dil Fac |
|---------------------------------|--------|-----------|------|------|------|---|----------|----------------|---------|
| Percent Solids (EPA Moisture)   | 95.4   |           | 0.01 | 0.01 | %    |   |          | 05/11/23 14:21 | 1       |
| Percent Moisture (EPA Moisture) | 4.6    |           | 0.01 | 0.01 | %    |   |          | 05/11/23 14:21 | 1       |

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## Client Sample Results

Client: Stantec Consulting Services Inc  
Project/Site: Blanco Field North Flare Pit.00

Job ID: 400-237360-1  
SDG: Kutz Area

Client Sample ID: MW60 63FT

Lab Sample ID: 400-237360-12

Date Collected: 05/06/23 17:00

Matrix: Solid

Date Received: 05/09/23 08:50

Percent Solids: 89.9

## Method: SW846 8260B - Volatile Organic Compounds (GC/MS)

| Analyte        | Result | Qualifier | RL  | MDL  | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|----------------|--------|-----------|-----|------|-------|---|----------------|----------------|---------|
| Benzene        | 0.73   | U         | 5.4 | 0.73 | ug/Kg | ☆ | 05/18/23 12:00 | 05/18/23 20:22 | 1       |
| Toluene        | 1.1    | U         | 5.4 | 1.1  | ug/Kg | ☆ | 05/18/23 12:00 | 05/18/23 20:22 | 1       |
| Ethylbenzene   | 0.66   | U         | 5.4 | 0.66 | ug/Kg | ☆ | 05/18/23 12:00 | 05/18/23 20:22 | 1       |
| Xylenes, Total | 2.1    | U         | 11  | 2.1  | ug/Kg | ☆ | 05/18/23 12:00 | 05/18/23 20:22 | 1       |

| Surrogate            | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|----------------------|-----------|-----------|----------|----------------|----------------|---------|
| 4-Bromofluorobenzene | 111       |           | 67 - 130 | 05/18/23 12:00 | 05/18/23 20:22 | 1       |
| Dibromofluoromethane | 101       |           | 77 - 127 | 05/18/23 12:00 | 05/18/23 20:22 | 1       |
| Toluene-d8 (Surr)    | 107       |           | 76 - 127 | 05/18/23 12:00 | 05/18/23 20:22 | 1       |

## Method: SW846 8015B - Gasoline Range Organics - (GC)

| Analyte                                  | Result | Qualifier | RL   | MDL  | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|------------------------------------------|--------|-----------|------|------|-------|---|----------------|----------------|---------|
| Gasoline Range Organics (GRO)<br>C6--C10 | 3000   | U         | 5900 | 3000 | ug/Kg | ☆ | 05/12/23 09:01 | 05/12/23 13:37 | 50      |

| Surrogate                    | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|------------------------------|-----------|-----------|----------|----------------|----------------|---------|
| a,a,a-Trifluorotoluene (fid) | 96        |           | 65 - 125 | 05/12/23 09:01 | 05/12/23 13:37 | 50      |

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

| Analyte                     | Result | Qualifier | RL  | MDL | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|--------|-----------|-----|-----|-------|---|----------------|----------------|---------|
| Diesel Range Organics (DRO) | 2.2    | U         | 5.4 | 2.2 | mg/Kg | ☆ | 05/15/23 23:46 | 05/17/23 18:22 | 1       |
| Oil Range Organics (ORO)    | 2.2    | U         | 5.4 | 2.2 | mg/Kg | ☆ | 05/15/23 23:46 | 05/17/23 18:22 | 1       |

| Surrogate   | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|-------------|-----------|-----------|----------|----------------|----------------|---------|
| o-Terphenyl | 104       |           | 27 - 150 | 05/15/23 23:46 | 05/17/23 18:22 | 1       |

## Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte  | Result | Qualifier | RL | MDL | Unit  | D | Prepared | Analyzed       | Dil Fac |
|----------|--------|-----------|----|-----|-------|---|----------|----------------|---------|
| Chloride | 4.4    | J         | 22 | 2.6 | mg/Kg | ☆ |          | 05/17/23 01:25 | 1       |

## General Chemistry

| Analyte                         | Result | Qualifier | RL   | MDL  | Unit | D | Prepared | Analyzed       | Dil Fac |
|---------------------------------|--------|-----------|------|------|------|---|----------|----------------|---------|
| Percent Solids (EPA Moisture)   | 89.9   |           | 0.01 | 0.01 | %    |   |          | 05/11/23 14:21 | 1       |
| Percent Moisture (EPA Moisture) | 10.1   |           | 0.01 | 0.01 | %    |   |          | 05/11/23 14:21 | 1       |

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## Client Sample Results

Client: Stantec Consulting Services Inc  
Project/Site: Blanco Field North Flare Pit.00

Job ID: 400-237360-1  
SDG: Kutz Area

Client Sample ID: SB08 16FT

Lab Sample ID: 400-237360-13

Date Collected: 05/04/23 16:10

Matrix: Solid

Date Received: 05/09/23 08:50

Percent Solids: 97.1

## Method: SW846 8260B - Volatile Organic Compounds (GC/MS)

| Analyte        | Result | Qualifier | RL  | MDL  | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|----------------|--------|-----------|-----|------|-------|---|----------------|----------------|---------|
| Benzene        | 0.67   | U         | 5.0 | 0.67 | ug/Kg | ☆ | 05/17/23 09:01 | 05/17/23 11:09 | 1       |
| Toluene        | 0.99   | U         | 5.0 | 0.99 | ug/Kg | ☆ | 05/17/23 09:01 | 05/17/23 11:09 | 1       |
| Ethylbenzene   | 0.61   | U         | 5.0 | 0.61 | ug/Kg | ☆ | 05/17/23 09:01 | 05/17/23 11:09 | 1       |
| Xylenes, Total | 1.9    | U         | 9.9 | 1.9  | ug/Kg | ☆ | 05/17/23 09:01 | 05/17/23 11:09 | 1       |

| Surrogate            | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|----------------------|-----------|-----------|----------|----------------|----------------|---------|
| 4-Bromofluorobenzene | 84        |           | 67 - 130 | 05/17/23 09:01 | 05/17/23 11:09 | 1       |
| Dibromofluoromethane | 101       |           | 77 - 127 | 05/17/23 09:01 | 05/17/23 11:09 | 1       |
| Toluene-d8 (Surr)    | 100       |           | 76 - 127 | 05/17/23 09:01 | 05/17/23 11:09 | 1       |

## Method: SW846 8015B - Gasoline Range Organics - (GC)

| Analyte                                  | Result | Qualifier | RL   | MDL  | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|------------------------------------------|--------|-----------|------|------|-------|---|----------------|----------------|---------|
| Gasoline Range Organics (GRO)<br>C6--C10 | 2500   | U         | 5000 | 2500 | ug/Kg | ☆ | 05/12/23 09:01 | 05/12/23 14:03 | 50      |

| Surrogate                    | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|------------------------------|-----------|-----------|----------|----------------|----------------|---------|
| a,a,a-Trifluorotoluene (fid) | 92        |           | 65 - 125 | 05/12/23 09:01 | 05/12/23 14:03 | 50      |

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

| Analyte                     | Result | Qualifier | RL  | MDL | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|--------|-----------|-----|-----|-------|---|----------------|----------------|---------|
| Diesel Range Organics (DRO) | 2.0    | U         | 5.0 | 2.0 | mg/Kg | ☆ | 05/15/23 23:46 | 05/17/23 18:56 | 1       |
| Oil Range Organics (ORO)    | 2.0    | U         | 5.0 | 2.0 | mg/Kg | ☆ | 05/15/23 23:46 | 05/17/23 18:56 | 1       |

| Surrogate   | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|-------------|-----------|-----------|----------|----------------|----------------|---------|
| o-Terphenyl | 91        |           | 27 - 150 | 05/15/23 23:46 | 05/17/23 18:56 | 1       |

## Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte  | Result | Qualifier | RL | MDL | Unit  | D | Prepared | Analyzed       | Dil Fac |
|----------|--------|-----------|----|-----|-------|---|----------|----------------|---------|
| Chloride | 4.0    | J         | 21 | 2.4 | mg/Kg | ☆ |          | 05/17/23 01:45 | 1       |

## General Chemistry

| Analyte                         | Result | Qualifier | RL   | MDL  | Unit | D | Prepared | Analyzed       | Dil Fac |
|---------------------------------|--------|-----------|------|------|------|---|----------|----------------|---------|
| Percent Solids (EPA Moisture)   | 97.1   |           | 0.01 | 0.01 | %    |   |          | 05/11/23 14:21 | 1       |
| Percent Moisture (EPA Moisture) | 2.9    |           | 0.01 | 0.01 | %    |   |          | 05/11/23 14:21 | 1       |

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## Client Sample Results

Client: Stantec Consulting Services Inc  
Project/Site: Blanco Field North Flare Pit.00

Job ID: 400-237360-1  
SDG: Kutz Area

Client Sample ID: SB08 30FT

Lab Sample ID: 400-237360-14

Date Collected: 05/04/23 16:40

Matrix: Solid

Date Received: 05/09/23 08:50

Percent Solids: 93.1

## Method: SW846 8260B - Volatile Organic Compounds (GC/MS)

| Analyte        | Result | Qualifier | RL  | MDL  | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|----------------|--------|-----------|-----|------|-------|---|----------------|----------------|---------|
| Benzene        | 0.72   | U         | 5.4 | 0.72 | ug/Kg | ☆ | 05/17/23 09:01 | 05/17/23 11:34 | 1       |
| Toluene        | 1.1    | U         | 5.4 | 1.1  | ug/Kg | ☆ | 05/17/23 09:01 | 05/17/23 11:34 | 1       |
| Ethylbenzene   | 0.66   | U         | 5.4 | 0.66 | ug/Kg | ☆ | 05/17/23 09:01 | 05/17/23 11:34 | 1       |
| Xylenes, Total | 2.0    | U         | 11  | 2.0  | ug/Kg | ☆ | 05/17/23 09:01 | 05/17/23 11:34 | 1       |

| Surrogate            | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|----------------------|-----------|-----------|----------|----------------|----------------|---------|
| 4-Bromofluorobenzene | 87        |           | 67 - 130 | 05/17/23 09:01 | 05/17/23 11:34 | 1       |
| Dibromofluoromethane | 106       |           | 77 - 127 | 05/17/23 09:01 | 05/17/23 11:34 | 1       |
| Toluene-d8 (Surr)    | 96        |           | 76 - 127 | 05/17/23 09:01 | 05/17/23 11:34 | 1       |

## Method: SW846 8015B - Gasoline Range Organics - (GC)

| Analyte                                  | Result | Qualifier | RL   | MDL  | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|------------------------------------------|--------|-----------|------|------|-------|---|----------------|----------------|---------|
| Gasoline Range Organics (GRO)<br>C6--C10 | 2800   | J         | 5400 | 2700 | ug/Kg | ☆ | 05/12/23 09:01 | 05/12/23 21:37 | 50      |

| Surrogate                    | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|------------------------------|-----------|-----------|----------|----------------|----------------|---------|
| a,a,a-Trifluorotoluene (fid) | 96        |           | 65 - 125 | 05/12/23 09:01 | 05/12/23 21:37 | 50      |

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

| Analyte                     | Result | Qualifier | RL  | MDL | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|--------|-----------|-----|-----|-------|---|----------------|----------------|---------|
| Diesel Range Organics (DRO) | 2.1    | U         | 5.4 | 2.1 | mg/Kg | ☆ | 05/15/23 23:46 | 05/17/23 19:13 | 1       |
| Oil Range Organics (ORO)    | 2.1    | U         | 5.4 | 2.1 | mg/Kg | ☆ | 05/15/23 23:46 | 05/17/23 19:13 | 1       |

| Surrogate   | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|-------------|-----------|-----------|----------|----------------|----------------|---------|
| o-Terphenyl | 96        |           | 27 - 150 | 05/15/23 23:46 | 05/17/23 19:13 | 1       |

## Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte  | Result | Qualifier | RL | MDL | Unit  | D | Prepared | Analyzed       | Dil Fac |
|----------|--------|-----------|----|-----|-------|---|----------|----------------|---------|
| Chloride | 15     | J         | 21 | 2.4 | mg/Kg | ☆ |          | 05/17/23 02:05 | 1       |

## General Chemistry

| Analyte                         | Result | Qualifier | RL   | MDL  | Unit | D | Prepared | Analyzed       | Dil Fac |
|---------------------------------|--------|-----------|------|------|------|---|----------|----------------|---------|
| Percent Solids (EPA Moisture)   | 93.1   |           | 0.01 | 0.01 | %    |   |          | 05/11/23 14:21 | 1       |
| Percent Moisture (EPA Moisture) | 6.9    |           | 0.01 | 0.01 | %    |   |          | 05/11/23 14:21 | 1       |

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## Client Sample Results

Client: Stantec Consulting Services Inc  
Project/Site: Blanco Field North Flare Pit.00

Job ID: 400-237360-1  
SDG: Kutz Area

Client Sample ID: SB08 37FT

Lab Sample ID: 400-237360-15

Date Collected: 05/04/23 17:05

Matrix: Solid

Date Received: 05/09/23 08:50

Percent Solids: 90.0

## Method: SW846 8260B - Volatile Organic Compounds (GC/MS)

| Analyte        | Result | Qualifier | RL  | MDL  | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|----------------|--------|-----------|-----|------|-------|---|----------------|----------------|---------|
| Benzene        | 0.72   | U         | 5.4 | 0.72 | ug/Kg | ☆ | 05/17/23 09:01 | 05/17/23 11:59 | 1       |
| Toluene        | 1.1    | U         | 5.4 | 1.1  | ug/Kg | ☆ | 05/17/23 09:01 | 05/17/23 11:59 | 1       |
| Ethylbenzene   | 3.8    | J         | 5.4 | 0.65 | ug/Kg | ☆ | 05/17/23 09:01 | 05/17/23 11:59 | 1       |
| Xylenes, Total | 35     |           | 11  | 2.0  | ug/Kg | ☆ | 05/17/23 09:01 | 05/17/23 11:59 | 1       |

| Surrogate            | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|----------------------|-----------|-----------|----------|----------------|----------------|---------|
| 4-Bromofluorobenzene | 92        |           | 67 - 130 | 05/17/23 09:01 | 05/17/23 11:59 | 1       |
| Dibromofluoromethane | 104       |           | 77 - 127 | 05/17/23 09:01 | 05/17/23 11:59 | 1       |
| Toluene-d8 (Surr)    | 96        |           | 76 - 127 | 05/17/23 09:01 | 05/17/23 11:59 | 1       |

## Method: SW846 8015B - Gasoline Range Organics - (GC)

| Analyte                                  | Result | Qualifier | RL   | MDL  | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|------------------------------------------|--------|-----------|------|------|-------|---|----------------|----------------|---------|
| Gasoline Range Organics (GRO)<br>C6--C10 | 8600   |           | 6000 | 3000 | ug/Kg | ☆ | 05/12/23 09:01 | 05/12/23 22:03 | 50      |

| Surrogate                    | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|------------------------------|-----------|-----------|----------|----------------|----------------|---------|
| a,a,a-Trifluorotoluene (fid) | 101       |           | 65 - 125 | 05/12/23 09:01 | 05/12/23 22:03 | 50      |

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

| Analyte                     | Result | Qualifier | RL  | MDL | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|--------|-----------|-----|-----|-------|---|----------------|----------------|---------|
| Diesel Range Organics (DRO) | 620    |           | 5.4 | 2.2 | mg/Kg | ☆ | 05/15/23 23:46 | 05/17/23 19:30 | 1       |
| Oil Range Organics (ORO)    | 360    |           | 5.4 | 2.2 | mg/Kg | ☆ | 05/15/23 23:46 | 05/17/23 19:30 | 1       |

| Surrogate   | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|-------------|-----------|-----------|----------|----------------|----------------|---------|
| o-Terphenyl | 108       |           | 27 - 150 | 05/15/23 23:46 | 05/17/23 19:30 | 1       |

## Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte  | Result | Qualifier | RL | MDL | Unit  | D | Prepared | Analyzed       | Dil Fac |
|----------|--------|-----------|----|-----|-------|---|----------|----------------|---------|
| Chloride | 7.2    | J         | 22 | 2.5 | mg/Kg | ☆ |          | 05/18/23 12:44 | 1       |

## General Chemistry

| Analyte                         | Result | Qualifier | RL   | MDL  | Unit | D | Prepared | Analyzed       | Dil Fac |
|---------------------------------|--------|-----------|------|------|------|---|----------|----------------|---------|
| Percent Solids (EPA Moisture)   | 90.0   |           | 0.01 | 0.01 | %    |   |          | 05/11/23 14:21 | 1       |
| Percent Moisture (EPA Moisture) | 10.0   |           | 0.01 | 0.01 | %    |   |          | 05/11/23 14:21 | 1       |

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## Client Sample Results

Client: Stantec Consulting Services Inc  
Project/Site: Blanco Field North Flare Pit.00

Job ID: 400-237360-1  
SDG: Kutz Area

Client Sample ID: SB08 44FT

Lab Sample ID: 400-237360-16

Date Collected: 05/04/23 17:08

Matrix: Solid

Date Received: 05/09/23 08:50

Percent Solids: 91.0

## Method: SW846 8260B - Volatile Organic Compounds (GC/MS)

| Analyte              | Result    | Qualifier | RL       | MDL | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|----------------------|-----------|-----------|----------|-----|-------|---|----------------|----------------|---------|
| Benzene              | 41        | U         | 310      | 41  | ug/Kg | ☆ | 05/17/23 09:01 | 05/17/23 13:58 | 50      |
| Toluene              | 61        | U         | 310      | 61  | ug/Kg | ☆ | 05/17/23 09:01 | 05/17/23 13:58 | 50      |
| Ethylbenzene         | 180       | J         | 310      | 37  | ug/Kg | ☆ | 05/17/23 09:01 | 05/17/23 13:58 | 50      |
| Xylenes, Total       | 2800      |           | 610      | 120 | ug/Kg | ☆ | 05/17/23 09:01 | 05/17/23 13:58 | 50      |
| Surrogate            | %Recovery | Qualifier | Limits   |     |       |   | Prepared       | Analyzed       | Dil Fac |
| 4-Bromofluorobenzene | 94        |           | 67 - 130 |     |       |   | 05/17/23 09:01 | 05/17/23 13:58 | 50      |
| Dibromofluoromethane | 100       |           | 77 - 127 |     |       |   | 05/17/23 09:01 | 05/17/23 13:58 | 50      |
| Toluene-d8 (Surr)    | 104       |           | 76 - 127 |     |       |   | 05/17/23 09:01 | 05/17/23 13:58 | 50      |

## Method: SW846 8015B - Gasoline Range Organics - (GC)

| Analyte                                  | Result    | Qualifier | RL       | MDL   | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|------------------------------------------|-----------|-----------|----------|-------|-------|---|----------------|----------------|---------|
| Gasoline Range Organics (GRO)<br>C6--C10 | 310000    |           | 22000    | 11000 | ug/Kg | ☆ | 05/16/23 09:36 | 05/16/23 12:28 | 200     |
| Surrogate                                | %Recovery | Qualifier | Limits   |       |       |   | Prepared       | Analyzed       | Dil Fac |
| a,a,a-Trifluorotoluene (fid)             | 94        |           | 65 - 125 |       |       |   | 05/16/23 09:36 | 05/16/23 12:28 | 200     |

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

| Analyte                     | Result    | Qualifier | RL       | MDL | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|-----------|-----------|----------|-----|-------|---|----------------|----------------|---------|
| Diesel Range Organics (DRO) | 510       |           | 5.4      | 2.2 | mg/Kg | ☆ | 05/15/23 23:46 | 05/17/23 19:47 | 1       |
| Oil Range Organics (ORO)    | 75        |           | 5.4      | 2.2 | mg/Kg | ☆ | 05/15/23 23:46 | 05/17/23 19:47 | 1       |
| Surrogate                   | %Recovery | Qualifier | Limits   |     |       |   | Prepared       | Analyzed       | Dil Fac |
| o-Terphenyl                 | 115       |           | 27 - 150 |     |       |   | 05/15/23 23:46 | 05/17/23 19:47 | 1       |

## Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte  | Result | Qualifier | RL | MDL | Unit  | D | Prepared | Analyzed       | Dil Fac |
|----------|--------|-----------|----|-----|-------|---|----------|----------------|---------|
| Chloride | 77     |           | 22 | 2.5 | mg/Kg | ☆ |          | 05/18/23 13:04 | 1       |

## General Chemistry

| Analyte                         | Result | Qualifier | RL   | MDL  | Unit | D | Prepared | Analyzed       | Dil Fac |
|---------------------------------|--------|-----------|------|------|------|---|----------|----------------|---------|
| Percent Solids (EPA Moisture)   | 91.0   |           | 0.01 | 0.01 | %    |   |          | 05/11/23 14:21 | 1       |
| Percent Moisture (EPA Moisture) | 9.0    |           | 0.01 | 0.01 | %    |   |          | 05/11/23 14:21 | 1       |

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## Client Sample Results

Client: Stantec Consulting Services Inc  
Project/Site: Blanco Field North Flare Pit.00

Job ID: 400-237360-1  
SDG: Kutz Area

Client Sample ID: SB08 55FT

Lab Sample ID: 400-237360-17

Date Collected: 05/04/23 17:30

Matrix: Solid

Date Received: 05/09/23 08:50

Percent Solids: 88.3

## Method: SW846 8260B - Volatile Organic Compounds (GC/MS)

| Analyte              | Result    | Qualifier | RL       | MDL | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|----------------------|-----------|-----------|----------|-----|-------|---|----------------|----------------|---------|
| Benzene              | 85        | U         | 640      | 85  | ug/Kg | ☆ | 05/17/23 09:01 | 05/17/23 14:47 | 100     |
| Toluene              | 280       | J         | 640      | 130 | ug/Kg | ☆ | 05/17/23 09:01 | 05/17/23 14:47 | 100     |
| Ethylbenzene         | 2000      |           | 640      | 77  | ug/Kg | ☆ | 05/17/23 09:01 | 05/17/23 14:47 | 100     |
| Xylenes, Total       | 13000     |           | 1300     | 240 | ug/Kg | ☆ | 05/17/23 09:01 | 05/17/23 14:47 | 100     |
| Surrogate            | %Recovery | Qualifier | Limits   |     |       |   | Prepared       | Analyzed       | Dil Fac |
| 4-Bromofluorobenzene | 96        |           | 67 - 130 |     |       |   | 05/17/23 09:01 | 05/17/23 14:47 | 100     |
| Dibromofluoromethane | 97        |           | 77 - 127 |     |       |   | 05/17/23 09:01 | 05/17/23 14:47 | 100     |
| Toluene-d8 (Surr)    | 113       |           | 76 - 127 |     |       |   | 05/17/23 09:01 | 05/17/23 14:47 | 100     |

## Method: SW846 8015B - Gasoline Range Organics - (GC)

| Analyte                                  | Result    | Qualifier | RL       | MDL   | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|------------------------------------------|-----------|-----------|----------|-------|-------|---|----------------|----------------|---------|
| Gasoline Range Organics (GRO)<br>C6--C10 | 1100000   |           | 120000   | 62000 | ug/Kg | ☆ | 05/16/23 09:36 | 05/16/23 12:55 | 1000    |
| Surrogate                                | %Recovery | Qualifier | Limits   |       |       |   | Prepared       | Analyzed       | Dil Fac |
| a,a,a-Trifluorotoluene (fid)             | 91        |           | 65 - 125 |       |       |   | 05/16/23 09:36 | 05/16/23 12:55 | 1000    |

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

| Analyte                     | Result    | Qualifier | RL       | MDL | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|-----------|-----------|----------|-----|-------|---|----------------|----------------|---------|
| Diesel Range Organics (DRO) | 1300      |           | 28       | 11  | mg/Kg | ☆ | 05/15/23 23:46 | 05/31/23 22:47 | 5       |
| Oil Range Organics (ORO)    | 220       |           | 5.6      | 2.3 | mg/Kg | ☆ | 05/15/23 23:46 | 05/17/23 20:04 | 1       |
| Surrogate                   | %Recovery | Qualifier | Limits   |     |       |   | Prepared       | Analyzed       | Dil Fac |
| o-Terphenyl                 | 124       |           | 27 - 150 |     |       |   | 05/15/23 23:46 | 05/17/23 20:04 | 1       |

## Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte  | Result | Qualifier | RL | MDL | Unit  | D | Prepared | Analyzed       | Dil Fac |
|----------|--------|-----------|----|-----|-------|---|----------|----------------|---------|
| Chloride | 11     | J         | 23 | 2.6 | mg/Kg | ☆ |          | 05/18/23 13:24 | 1       |

## General Chemistry

| Analyte                         | Result | Qualifier | RL   | MDL  | Unit | D | Prepared | Analyzed       | Dil Fac |
|---------------------------------|--------|-----------|------|------|------|---|----------|----------------|---------|
| Percent Solids (EPA Moisture)   | 88.3   |           | 0.01 | 0.01 | %    |   |          | 05/11/23 14:21 | 1       |
| Percent Moisture (EPA Moisture) | 11.7   |           | 0.01 | 0.01 | %    |   |          | 05/11/23 14:21 | 1       |

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## Client Sample Results

Client: Stantec Consulting Services Inc  
Project/Site: Blanco Field North Flare Pit.00

Job ID: 400-237360-1  
SDG: Kutz Area

Client Sample ID: SB07 19FT

Lab Sample ID: 400-237360-18

Date Collected: 05/05/23 10:20

Matrix: Solid

Date Received: 05/09/23 08:50

Percent Solids: 97.4

## Method: SW846 8260B - Volatile Organic Compounds (GC/MS)

| Analyte        | Result | Qualifier | RL  | MDL  | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|----------------|--------|-----------|-----|------|-------|---|----------------|----------------|---------|
| Benzene        | 0.68   | U         | 5.0 | 0.68 | ug/Kg | ☆ | 05/18/23 12:00 | 05/18/23 20:42 | 1       |
| Toluene        | 1.0    | U         | 5.0 | 1.0  | ug/Kg | ☆ | 05/18/23 12:00 | 05/18/23 20:42 | 1       |
| Ethylbenzene   | 0.61   | U         | 5.0 | 0.61 | ug/Kg | ☆ | 05/18/23 12:00 | 05/18/23 20:42 | 1       |
| Xylenes, Total | 1.9    | U         | 10  | 1.9  | ug/Kg | ☆ | 05/18/23 12:00 | 05/18/23 20:42 | 1       |

| Surrogate            | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|----------------------|-----------|-----------|----------|----------------|----------------|---------|
| 4-Bromofluorobenzene | 109       |           | 67 - 130 | 05/18/23 12:00 | 05/18/23 20:42 | 1       |
| Dibromofluoromethane | 101       |           | 77 - 127 | 05/18/23 12:00 | 05/18/23 20:42 | 1       |
| Toluene-d8 (Surr)    | 112       |           | 76 - 127 | 05/18/23 12:00 | 05/18/23 20:42 | 1       |

## Method: SW846 8015B - Gasoline Range Organics - (GC)

| Analyte                                  | Result | Qualifier | RL   | MDL  | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|------------------------------------------|--------|-----------|------|------|-------|---|----------------|----------------|---------|
| Gasoline Range Organics (GRO)<br>C6--C10 | 2500   | U         | 4900 | 2500 | ug/Kg | ☆ | 05/16/23 09:36 | 05/16/23 12:07 | 50      |

| Surrogate                    | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|------------------------------|-----------|-----------|----------|----------------|----------------|---------|
| a,a,a-Trifluorotoluene (fid) | 91        |           | 65 - 125 | 05/16/23 09:36 | 05/16/23 12:07 | 50      |

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

| Analyte                     | Result | Qualifier | RL  | MDL | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|--------|-----------|-----|-----|-------|---|----------------|----------------|---------|
| Diesel Range Organics (DRO) | 2.0    | U         | 5.1 | 2.0 | mg/Kg | ☆ | 05/15/23 23:46 | 05/17/23 20:21 | 1       |
| Oil Range Organics (ORO)    | 2.0    | U         | 5.1 | 2.0 | mg/Kg | ☆ | 05/15/23 23:46 | 05/17/23 20:21 | 1       |

| Surrogate   | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|-------------|-----------|-----------|----------|----------------|----------------|---------|
| o-Terphenyl | 120       |           | 27 - 150 | 05/15/23 23:46 | 05/17/23 20:21 | 1       |

## Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte  | Result | Qualifier | RL | MDL | Unit  | D | Prepared | Analyzed       | Dil Fac |
|----------|--------|-----------|----|-----|-------|---|----------|----------------|---------|
| Chloride | 17     | J         | 20 | 2.3 | mg/Kg | ☆ |          | 05/18/23 13:44 | 1       |

## General Chemistry

| Analyte                         | Result | Qualifier | RL   | MDL  | Unit | D | Prepared | Analyzed       | Dil Fac |
|---------------------------------|--------|-----------|------|------|------|---|----------|----------------|---------|
| Percent Solids (EPA Moisture)   | 97.4   |           | 0.01 | 0.01 | %    |   |          | 05/11/23 14:21 | 1       |
| Percent Moisture (EPA Moisture) | 2.6    |           | 0.01 | 0.01 | %    |   |          | 05/11/23 14:21 | 1       |

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## Client Sample Results

Client: Stantec Consulting Services Inc  
Project/Site: Blanco Field North Flare Pit.00

Job ID: 400-237360-1  
SDG: Kutz Area

Client Sample ID: SB07 29FT

Lab Sample ID: 400-237360-19

Date Collected: 05/05/23 10:50

Matrix: Solid

Date Received: 05/09/23 08:50

Percent Solids: 95.8

## Method: SW846 8260B - Volatile Organic Compounds (GC/MS)

| Analyte        | Result | Qualifier | RL  | MDL  | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|----------------|--------|-----------|-----|------|-------|---|----------------|----------------|---------|
| Benzene        | 0.72   | U         | 5.4 | 0.72 | ug/Kg | ☆ | 05/18/23 12:00 | 05/18/23 21:03 | 1       |
| Toluene        | 1.1    | U         | 5.4 | 1.1  | ug/Kg | ☆ | 05/18/23 12:00 | 05/18/23 21:03 | 1       |
| Ethylbenzene   | 0.66   | U         | 5.4 | 0.66 | ug/Kg | ☆ | 05/18/23 12:00 | 05/18/23 21:03 | 1       |
| Xylenes, Total | 2.0    | U         | 11  | 2.0  | ug/Kg | ☆ | 05/18/23 12:00 | 05/18/23 21:03 | 1       |

| Surrogate            | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|----------------------|-----------|-----------|----------|----------------|----------------|---------|
| 4-Bromofluorobenzene | 108       |           | 67 - 130 | 05/18/23 12:00 | 05/18/23 21:03 | 1       |
| Dibromofluoromethane | 101       |           | 77 - 127 | 05/18/23 12:00 | 05/18/23 21:03 | 1       |
| Toluene-d8 (Surr)    | 111       |           | 76 - 127 | 05/18/23 12:00 | 05/18/23 21:03 | 1       |

## Method: SW846 8015B - Gasoline Range Organics - (GC)

| Analyte                                  | Result | Qualifier | RL   | MDL  | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|------------------------------------------|--------|-----------|------|------|-------|---|----------------|----------------|---------|
| Gasoline Range Organics (GRO)<br>C6--C10 | 2500   | U         | 5100 | 2500 | ug/Kg | ☆ | 05/16/23 09:36 | 05/16/23 14:15 | 50      |

| Surrogate                    | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|------------------------------|-----------|-----------|----------|----------------|----------------|---------|
| a,a,a-Trifluorotoluene (fid) | 90        |           | 65 - 125 | 05/16/23 09:36 | 05/16/23 14:15 | 50      |

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

| Analyte                     | Result | Qualifier | RL  | MDL | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|--------|-----------|-----|-----|-------|---|----------------|----------------|---------|
| Diesel Range Organics (DRO) | 2.9    | J         | 5.2 | 2.1 | mg/Kg | ☆ | 05/15/23 23:46 | 05/17/23 20:38 | 1       |
| Oil Range Organics (ORO)    | 2.1    | U         | 5.2 | 2.1 | mg/Kg | ☆ | 05/15/23 23:46 | 05/17/23 20:38 | 1       |

| Surrogate   | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|-------------|-----------|-----------|----------|----------------|----------------|---------|
| o-Terphenyl | 122       |           | 27 - 150 | 05/15/23 23:46 | 05/17/23 20:38 | 1       |

## Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte  | Result | Qualifier | RL | MDL | Unit  | D | Prepared | Analyzed       | Dil Fac |
|----------|--------|-----------|----|-----|-------|---|----------|----------------|---------|
| Chloride | 39     |           | 21 | 2.4 | mg/Kg | ☆ |          | 05/18/23 14:04 | 1       |

## General Chemistry

| Analyte                         | Result | Qualifier | RL   | MDL  | Unit | D | Prepared | Analyzed       | Dil Fac |
|---------------------------------|--------|-----------|------|------|------|---|----------|----------------|---------|
| Percent Solids (EPA Moisture)   | 95.8   |           | 0.01 | 0.01 | %    |   |          | 05/11/23 14:21 | 1       |
| Percent Moisture (EPA Moisture) | 4.2    |           | 0.01 | 0.01 | %    |   |          | 05/11/23 14:21 | 1       |

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## Client Sample Results

Client: Stantec Consulting Services Inc  
Project/Site: Blanco Field North Flare Pit.00

Job ID: 400-237360-1  
SDG: Kutz Area

Client Sample ID: SB07 42FT

Lab Sample ID: 400-237360-20

Date Collected: 05/05/23 11:25

Matrix: Solid

Date Received: 05/09/23 08:50

Percent Solids: 92.7

## Method: SW846 8260B - Volatile Organic Compounds (GC/MS)

| Analyte        | Result | Qualifier | RL  | MDL  | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|----------------|--------|-----------|-----|------|-------|---|----------------|----------------|---------|
| Benzene        | 0.71   | U         | 5.3 | 0.71 | ug/Kg | ☆ | 05/18/23 12:00 | 05/18/23 21:24 | 1       |
| Toluene        | 1.1    | U         | 5.3 | 1.1  | ug/Kg | ☆ | 05/18/23 12:00 | 05/18/23 21:24 | 1       |
| Ethylbenzene   | 0.64   | U         | 5.3 | 0.64 | ug/Kg | ☆ | 05/18/23 12:00 | 05/18/23 21:24 | 1       |
| Xylenes, Total | 2.0    | U         | 11  | 2.0  | ug/Kg | ☆ | 05/18/23 12:00 | 05/18/23 21:24 | 1       |

| Surrogate            | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|----------------------|-----------|-----------|----------|----------------|----------------|---------|
| 4-Bromofluorobenzene | 111       |           | 67 - 130 | 05/18/23 12:00 | 05/18/23 21:24 | 1       |
| Dibromofluoromethane | 102       |           | 77 - 127 | 05/18/23 12:00 | 05/18/23 21:24 | 1       |
| Toluene-d8 (Surr)    | 103       |           | 76 - 127 | 05/18/23 12:00 | 05/18/23 21:24 | 1       |

## Method: SW846 8015B - Gasoline Range Organics - (GC)

| Analyte                                  | Result | Qualifier | RL   | MDL  | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|------------------------------------------|--------|-----------|------|------|-------|---|----------------|----------------|---------|
| Gasoline Range Organics (GRO)<br>C6--C10 | 3500   | J         | 5400 | 2700 | ug/Kg | ☆ | 05/16/23 09:36 | 05/16/23 14:41 | 50      |

| Surrogate                    | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|------------------------------|-----------|-----------|----------|----------------|----------------|---------|
| a,a,a-Trifluorotoluene (fid) | 93        |           | 65 - 125 | 05/16/23 09:36 | 05/16/23 14:41 | 50      |

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

| Analyte                     | Result | Qualifier | RL  | MDL | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|--------|-----------|-----|-----|-------|---|----------------|----------------|---------|
| Diesel Range Organics (DRO) | 17     |           | 5.4 | 2.2 | mg/Kg | ☆ | 05/15/23 23:46 | 05/17/23 20:55 | 1       |
| Oil Range Organics (ORO)    | 6.9    |           | 5.4 | 2.2 | mg/Kg | ☆ | 05/15/23 23:46 | 05/17/23 20:55 | 1       |

| Surrogate   | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|-------------|-----------|-----------|----------|----------------|----------------|---------|
| o-Terphenyl | 113       |           | 27 - 150 | 05/15/23 23:46 | 05/17/23 20:55 | 1       |

## Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte  | Result | Qualifier | RL | MDL | Unit  | D | Prepared | Analyzed       | Dil Fac |
|----------|--------|-----------|----|-----|-------|---|----------|----------------|---------|
| Chloride | 42     |           | 22 | 2.5 | mg/Kg | ☆ |          | 05/18/23 14:24 | 1       |

## General Chemistry

| Analyte                         | Result | Qualifier | RL   | MDL  | Unit | D | Prepared | Analyzed       | Dil Fac |
|---------------------------------|--------|-----------|------|------|------|---|----------|----------------|---------|
| Percent Solids (EPA Moisture)   | 92.7   |           | 0.01 | 0.01 | %    |   |          | 05/11/23 14:21 | 1       |
| Percent Moisture (EPA Moisture) | 7.3    |           | 0.01 | 0.01 | %    |   |          | 05/11/23 14:21 | 1       |

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## Client Sample Results

Client: Stantec Consulting Services Inc  
Project/Site: Blanco Field North Flare Pit.00

Job ID: 400-237360-1  
SDG: Kutz Area

Client Sample ID: SB07 51FT

Lab Sample ID: 400-237360-21

Date Collected: 05/05/23 11:50

Matrix: Solid

Date Received: 05/09/23 08:50

Percent Solids: 96.1

## Method: SW846 8260B - Volatile Organic Compounds (GC/MS)

| Analyte        | Result | Qualifier | RL  | MDL  | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|----------------|--------|-----------|-----|------|-------|---|----------------|----------------|---------|
| Benzene        | 0.69   | U         | 5.2 | 0.69 | ug/Kg | ☆ | 05/18/23 12:00 | 05/18/23 21:45 | 1       |
| Toluene        | 1.0    | U         | 5.2 | 1.0  | ug/Kg | ☆ | 05/18/23 12:00 | 05/18/23 21:45 | 1       |
| Ethylbenzene   | 0.63   | U         | 5.2 | 0.63 | ug/Kg | ☆ | 05/18/23 12:00 | 05/18/23 21:45 | 1       |
| Xylenes, Total | 2.0    | U         | 10  | 2.0  | ug/Kg | ☆ | 05/18/23 12:00 | 05/18/23 21:45 | 1       |

| Surrogate            | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|----------------------|-----------|-----------|----------|----------------|----------------|---------|
| 4-Bromofluorobenzene | 113       |           | 67 - 130 | 05/18/23 12:00 | 05/18/23 21:45 | 1       |
| Dibromofluoromethane | 101       |           | 77 - 127 | 05/18/23 12:00 | 05/18/23 21:45 | 1       |
| Toluene-d8 (Surr)    | 101       |           | 76 - 127 | 05/18/23 12:00 | 05/18/23 21:45 | 1       |

## Method: SW846 8015B - Gasoline Range Organics - (GC)

| Analyte                                  | Result | Qualifier | RL   | MDL  | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|------------------------------------------|--------|-----------|------|------|-------|---|----------------|----------------|---------|
| Gasoline Range Organics (GRO)<br>C6--C10 | 2500   | U         | 5000 | 2500 | ug/Kg | ☆ | 05/16/23 09:36 | 05/16/23 15:07 | 50      |

| Surrogate                    | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|------------------------------|-----------|-----------|----------|----------------|----------------|---------|
| a,a,a-Trifluorotoluene (fid) | 94        |           | 65 - 125 | 05/16/23 09:36 | 05/16/23 15:07 | 50      |

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

| Analyte                     | Result | Qualifier | RL  | MDL | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|--------|-----------|-----|-----|-------|---|----------------|----------------|---------|
| Diesel Range Organics (DRO) | 8.6    |           | 5.2 | 2.1 | mg/Kg | ☆ | 05/15/23 23:46 | 05/17/23 21:12 | 1       |
| Oil Range Organics (ORO)    | 3.2    | J         | 5.2 | 2.1 | mg/Kg | ☆ | 05/15/23 23:46 | 05/17/23 21:12 | 1       |

| Surrogate   | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|-------------|-----------|-----------|----------|----------------|----------------|---------|
| o-Terphenyl | 105       |           | 27 - 150 | 05/15/23 23:46 | 05/17/23 21:12 | 1       |

## Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte  | Result | Qualifier | RL | MDL | Unit  | D | Prepared | Analyzed       | Dil Fac |
|----------|--------|-----------|----|-----|-------|---|----------|----------------|---------|
| Chloride | 15     | J         | 20 | 2.3 | mg/Kg | ☆ |          | 05/18/23 14:43 | 1       |

## General Chemistry

| Analyte                         | Result | Qualifier | RL   | MDL  | Unit | D | Prepared | Analyzed       | Dil Fac |
|---------------------------------|--------|-----------|------|------|------|---|----------|----------------|---------|
| Percent Solids (EPA Moisture)   | 96.1   |           | 0.01 | 0.01 | %    |   |          | 05/11/23 14:21 | 1       |
| Percent Moisture (EPA Moisture) | 3.9    |           | 0.01 | 0.01 | %    |   |          | 05/11/23 14:21 | 1       |

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## Client Sample Results

Client: Stantec Consulting Services Inc  
Project/Site: Blanco Field North Flare Pit.00

Job ID: 400-237360-1  
SDG: Kutz Area

Client Sample ID: SB07 61FT

Lab Sample ID: 400-237360-22

Date Collected: 05/05/23 13:00

Matrix: Solid

Date Received: 05/09/23 08:50

Percent Solids: 87.5

## Method: SW846 8260B - Volatile Organic Compounds (GC/MS)

| Analyte              | Result    | Qualifier | RL       | MDL | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|----------------------|-----------|-----------|----------|-----|-------|---|----------------|----------------|---------|
| Benzene              | 830       |           | 620      | 83  | ug/Kg | ☆ | 05/18/23 12:00 | 05/18/23 23:31 | 100     |
| Toluene              | 13000     |           | 620      | 120 | ug/Kg | ☆ | 05/18/23 12:00 | 05/18/23 23:31 | 100     |
| Ethylbenzene         | 3700      |           | 620      | 75  | ug/Kg | ☆ | 05/18/23 12:00 | 05/18/23 23:31 | 100     |
| Surrogate            | %Recovery | Qualifier | Limits   |     |       |   | Prepared       | Analyzed       | Dil Fac |
| 4-Bromofluorobenzene | 110       |           | 67 - 130 |     |       |   | 05/18/23 12:00 | 05/18/23 23:31 | 100     |
| Dibromofluoromethane | 102       |           | 77 - 127 |     |       |   | 05/18/23 12:00 | 05/18/23 23:31 | 100     |
| Toluene-d8 (Surr)    | 119       |           | 76 - 127 |     |       |   | 05/18/23 12:00 | 05/18/23 23:31 | 100     |

## Method: SW846 8260B - Volatile Organic Compounds (GC/MS) - DL

| Analyte              | Result    | Qualifier | RL       | MDL | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|----------------------|-----------|-----------|----------|-----|-------|---|----------------|----------------|---------|
| Xylenes, Total       | 53000     |           | 2500     | 470 | ug/Kg | ☆ | 05/19/23 09:16 | 05/19/23 13:04 | 200     |
| Surrogate            | %Recovery | Qualifier | Limits   |     |       |   | Prepared       | Analyzed       | Dil Fac |
| 4-Bromofluorobenzene | 111       |           | 67 - 130 |     |       |   | 05/19/23 09:16 | 05/19/23 13:04 | 200     |
| Dibromofluoromethane | 98        |           | 77 - 127 |     |       |   | 05/19/23 09:16 | 05/19/23 13:04 | 200     |
| Toluene-d8 (Surr)    | 109       |           | 76 - 127 |     |       |   | 05/19/23 09:16 | 05/19/23 13:04 | 200     |

## Method: SW846 8015B - Gasoline Range Organics - (GC)

| Analyte                               | Result    | Qualifier | RL       | MDL    | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|---------------------------------------|-----------|-----------|----------|--------|-------|---|----------------|----------------|---------|
| Gasoline Range Organics (GRO) C6--C10 | 2200000   |           | 240000   | 120000 | ug/Kg | ☆ | 05/17/23 10:49 | 05/17/23 15:11 | 2000    |
| Surrogate                             | %Recovery | Qualifier | Limits   |        |       |   | Prepared       | Analyzed       | Dil Fac |
| a,a,a-Trifluorotoluene (fid)          | 91        |           | 65 - 125 |        |       |   | 05/17/23 10:49 | 05/17/23 15:11 | 2000    |

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

| Analyte                     | Result    | Qualifier | RL       | MDL | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|-----------|-----------|----------|-----|-------|---|----------------|----------------|---------|
| Diesel Range Organics (DRO) | 250       |           | 5.7      | 2.3 | mg/Kg | ☆ | 05/15/23 23:46 | 05/17/23 21:29 | 1       |
| Oil Range Organics (ORO)    | 20        |           | 5.7      | 2.3 | mg/Kg | ☆ | 05/15/23 23:46 | 05/17/23 21:29 | 1       |
| Surrogate                   | %Recovery | Qualifier | Limits   |     |       |   | Prepared       | Analyzed       | Dil Fac |
| o-Terphenyl                 | 97        |           | 27 - 150 |     |       |   | 05/15/23 23:46 | 05/17/23 21:29 | 1       |

## Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte  | Result | Qualifier | RL | MDL | Unit  | D | Prepared | Analyzed       | Dil Fac |
|----------|--------|-----------|----|-----|-------|---|----------|----------------|---------|
| Chloride | 5.6    | J         | 23 | 2.6 | mg/Kg | ☆ |          | 05/18/23 15:03 | 1       |

## General Chemistry

| Analyte                         | Result | Qualifier | RL   | MDL  | Unit | D | Prepared | Analyzed       | Dil Fac |
|---------------------------------|--------|-----------|------|------|------|---|----------|----------------|---------|
| Percent Solids (EPA Moisture)   | 87.5   |           | 0.01 | 0.01 | %    |   |          | 05/11/23 14:21 | 1       |
| Percent Moisture (EPA Moisture) | 12.5   |           | 0.01 | 0.01 | %    |   |          | 05/11/23 14:21 | 1       |

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## Client Sample Results

Client: Stantec Consulting Services Inc  
Project/Site: Blanco Field North Flare Pit.00

Job ID: 400-237360-1  
SDG: Kutz Area

Client Sample ID: SB04 20FT

Lab Sample ID: 400-237360-23

Date Collected: 05/02/23 14:40

Matrix: Solid

Date Received: 05/09/23 08:50

Percent Solids: 97.6

## Method: SW846 8260B - Volatile Organic Compounds (GC/MS)

| Analyte        | Result | Qualifier | RL  | MDL  | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|----------------|--------|-----------|-----|------|-------|---|----------------|----------------|---------|
| Benzene        | 0.70   | U         | 5.2 | 0.70 | ug/Kg | ☆ | 05/15/23 10:27 | 05/15/23 14:06 | 1       |
| Toluene        | 1.0    | U         | 5.2 | 1.0  | ug/Kg | ☆ | 05/15/23 10:27 | 05/15/23 14:06 | 1       |
| Ethylbenzene   | 0.63   | U         | 5.2 | 0.63 | ug/Kg | ☆ | 05/15/23 10:27 | 05/15/23 14:06 | 1       |
| Xylenes, Total | 2.0    | U         | 10  | 2.0  | ug/Kg | ☆ | 05/15/23 10:27 | 05/15/23 14:06 | 1       |

| Surrogate            | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|----------------------|-----------|-----------|----------|----------------|----------------|---------|
| 4-Bromofluorobenzene | 101       |           | 67 - 130 | 05/15/23 10:27 | 05/15/23 14:06 | 1       |
| Dibromofluoromethane | 107       |           | 77 - 127 | 05/15/23 10:27 | 05/15/23 14:06 | 1       |
| Toluene-d8 (Surr)    | 120       |           | 76 - 127 | 05/15/23 10:27 | 05/15/23 14:06 | 1       |

## Method: SW846 8015B - Gasoline Range Organics - (GC)

| Analyte                                  | Result | Qualifier | RL   | MDL  | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|------------------------------------------|--------|-----------|------|------|-------|---|----------------|----------------|---------|
| Gasoline Range Organics (GRO)<br>C6--C10 | 2400   | U         | 4800 | 2400 | ug/Kg | ☆ | 05/15/23 10:45 | 05/15/23 15:25 | 50      |

| Surrogate                    | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|------------------------------|-----------|-----------|----------|----------------|----------------|---------|
| a,a,a-Trifluorotoluene (fid) | 92        |           | 65 - 125 | 05/15/23 10:45 | 05/15/23 15:25 | 50      |

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

| Analyte                     | Result | Qualifier | RL  | MDL | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|--------|-----------|-----|-----|-------|---|----------------|----------------|---------|
| Diesel Range Organics (DRO) | 2.0    | U         | 5.0 | 2.0 | mg/Kg | ☆ | 05/15/23 23:46 | 05/17/23 23:08 | 1       |
| Oil Range Organics (ORO)    | 2.0    | U *       | 5.0 | 2.0 | mg/Kg | ☆ | 05/15/23 23:46 | 05/17/23 23:08 | 1       |

| Surrogate   | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|-------------|-----------|-----------|----------|----------------|----------------|---------|
| o-Terphenyl | 101       |           | 27 - 150 | 05/15/23 23:46 | 05/17/23 23:08 | 1       |

## Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte  | Result | Qualifier | RL | MDL | Unit  | D | Prepared | Analyzed       | Dil Fac |
|----------|--------|-----------|----|-----|-------|---|----------|----------------|---------|
| Chloride | 15     | J         | 20 | 2.3 | mg/Kg | ☆ |          | 05/18/23 15:23 | 1       |

## General Chemistry

| Analyte                         | Result | Qualifier | RL   | MDL  | Unit | D | Prepared | Analyzed       | Dil Fac |
|---------------------------------|--------|-----------|------|------|------|---|----------|----------------|---------|
| Percent Solids (EPA Moisture)   | 97.6   |           | 0.01 | 0.01 | %    |   |          | 05/11/23 14:21 | 1       |
| Percent Moisture (EPA Moisture) | 2.4    |           | 0.01 | 0.01 | %    |   |          | 05/11/23 14:21 | 1       |

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Definitions/Glossary

Client: Stantec Consulting Services Inc  
Project/Site: Blanco Field North Flare Pit.00

Job ID: 400-237360-1  
SDG: Kutz Area

Qualifiers

GC/MS VOA

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

GC VOA

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

GC Semi VOA

| Qualifier | Qualifier Description                                                                                          |
|-----------|----------------------------------------------------------------------------------------------------------------|
| *-        | LCS and/or LCSD is outside acceptance limits, low biased.                                                      |
| J         | Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value. |
| U         | Indicates the analyte was analyzed for but not detected.                                                       |

HPLC/IC

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

Glossary

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



## Surrogate Summary

Client: Stantec Consulting Services Inc  
Project/Site: Blanco Field North Flare Pit.00

Job ID: 400-237360-1  
SDG: Kutz Area

**Method: 8260B - Volatile Organic Compounds (GC/MS)****Matrix: Solid****Prep Type: Total/NA**

| Lab Sample ID       | Client Sample ID   | Percent Surrogate Recovery (Acceptance Limits) |                  |                 |
|---------------------|--------------------|------------------------------------------------|------------------|-----------------|
|                     |                    | BFB<br>(67-130)                                | DBFM<br>(77-127) | TOL<br>(76-127) |
| 400-237360-1        | SB04 30FT          | 97                                             | 109              | 120             |
| 400-237360-2        | SB04 57FT          | 97                                             | 94               | 106             |
| 400-237360-3        | SB04 65FT          | 102                                            | 92               | 104             |
| 400-237360-4        | SB05 27FT          | 90                                             | 103              | 100             |
| 400-237360-4 MS     | SB05 27FT          | 91                                             | 104              | 102             |
| 400-237360-4 MSD    | SB05 27FT          | 92                                             | 104              | 98              |
| 400-237360-5        | SB05 57FT          | 95                                             | 91               | 109             |
| 400-237360-6        | SB05 60FT          | 96                                             | 100              | 102             |
| 400-237360-7        | SB06 18FT          | 109                                            | 99               | 105             |
| 400-237360-8        | SB06 30FT          | 110                                            | 97               | 103             |
| 400-237360-9        | SB06 58FT          | 108                                            | 98               | 111             |
| 400-237360-10       | SB06 69FT          | 105                                            | 98               | 113             |
| 400-237360-11       | MW60 27FT          | 110                                            | 99               | 108             |
| 400-237360-12       | MW60 63FT          | 111                                            | 101              | 107             |
| 400-237360-13       | SB08 16FT          | 84                                             | 101              | 100             |
| 400-237360-13 MS    | SB08 16FT          | 94                                             | 104              | 99              |
| 400-237360-13 MSD   | SB08 16FT          | 92                                             | 101              | 101             |
| 400-237360-14       | SB08 30FT          | 87                                             | 106              | 96              |
| 400-237360-15       | SB08 37FT          | 92                                             | 104              | 96              |
| 400-237360-16       | SB08 44FT          | 94                                             | 100              | 104             |
| 400-237360-17       | SB08 55FT          | 96                                             | 97               | 113             |
| 400-237360-18       | SB07 19FT          | 109                                            | 101              | 112             |
| 400-237360-19       | SB07 29FT          | 108                                            | 101              | 111             |
| 400-237360-20       | SB07 42FT          | 111                                            | 102              | 103             |
| 400-237360-21       | SB07 51FT          | 113                                            | 101              | 101             |
| 400-237360-22       | SB07 61FT          | 110                                            | 102              | 119             |
| 400-237360-22 - DL  | SB07 61FT          | 111                                            | 98               | 109             |
| 400-237360-23       | SB04 20FT          | 101                                            | 107              | 120             |
| 400-237360-23 MS    | SB04 20FT          | 94                                             | 110              | 101             |
| 400-237360-23 MSD   | SB04 20FT          | 100                                            | 102              | 102             |
| LCS 400-624916/22-A | Lab Control Sample | 102                                            | 103              | 102             |
| LCS 400-625074/1-A  | Lab Control Sample | 93                                             | 97               | 97              |
| LCS 400-625242/1-A  | Lab Control Sample | 88                                             | 108              | 106             |
| LCS 400-625484/22-A | Lab Control Sample | 99                                             | 109              | 97              |
| LCS 400-625640/20-A | Lab Control Sample | 104                                            | 104              | 102             |
| MB 400-624916/24-A  | Method Blank       | 100                                            | 104              | 116             |
| MB 400-625074/2-A   | Method Blank       | 93                                             | 108              | 104             |
| MB 400-625242/2-A   | Method Blank       | 90                                             | 104              | 104             |
| MB 400-625484/24-A  | Method Blank       | 97                                             | 107              | 110             |
| MB 400-625640/22-A  | Method Blank       | 104                                            | 105              | 110             |

**Surrogate Legend**

BFB = 4-Bromofluorobenzene

DBFM = Dibromofluoromethane

TOL = Toluene-d8 (Surr)

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## Surrogate Summary

Client: Stantec Consulting Services Inc  
Project/Site: Blanco Field North Flare Pit.00

Job ID: 400-237360-1  
SDG: Kutz Area

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

Matrix: Solid

Prep Type: Total/NA

## Percent Surrogate Recovery (Acceptance Limits)

| Lab Sample ID      | Client Sample ID   | TFT-F2<br>(65-125) |
|--------------------|--------------------|--------------------|
| 400-237360-1       | SB04 30FT          | 94                 |
| 400-237360-2       | SB04 57FT          | 88                 |
| 400-237360-3       | SB04 65FT          | 94                 |
| 400-237360-3 MS    | SB04 65FT          | 92                 |
| 400-237360-3 MSD   | SB04 65FT          | 91                 |
| 400-237360-4       | SB05 27FT          | 94                 |
| 400-237360-5       | SB05 57FT          | 99                 |
| 400-237360-6       | SB05 60FT          | 93                 |
| 400-237360-7       | SB06 18FT          | 94                 |
| 400-237360-8       | SB06 30FT          | 92                 |
| 400-237360-9       | SB06 58FT          | 95                 |
| 400-237360-10      | SB06 69FT          | 92                 |
| 400-237360-11      | MW60 27FT          | 95                 |
| 400-237360-12      | MW60 63FT          | 96                 |
| 400-237360-13      | SB08 16FT          | 92                 |
| 400-237360-13 MS   | SB08 16FT          | 97                 |
| 400-237360-13 MSD  | SB08 16FT          | 95                 |
| 400-237360-14      | SB08 30FT          | 96                 |
| 400-237360-15      | SB08 37FT          | 101                |
| 400-237360-16      | SB08 44FT          | 94                 |
| 400-237360-17      | SB08 55FT          | 91                 |
| 400-237360-18      | SB07 19FT          | 91                 |
| 400-237360-18 MS   | SB07 19FT          | 96                 |
| 400-237360-18 MSD  | SB07 19FT          | 93                 |
| 400-237360-19      | SB07 29FT          | 90                 |
| 400-237360-20      | SB07 42FT          | 93                 |
| 400-237360-21      | SB07 51FT          | 94                 |
| 400-237360-22      | SB07 61FT          | 91                 |
| 400-237360-23      | SB04 20FT          | 92                 |
| LCS 400-624435/1-A | Lab Control Sample | 97                 |
| LCS 400-624650/1-A | Lab Control Sample | 98                 |
| LCS 400-625065/1-A | Lab Control Sample | 96                 |
| LCS 400-625250/1-A | Lab Control Sample | 99                 |
| LCS 400-625374/1-A | Lab Control Sample | 92                 |
| MB 400-624435/2-A  | Method Blank       | 94                 |
| MB 400-624650/2-A  | Method Blank       | 93                 |
| MB 400-625065/2-A  | Method Blank       | 92                 |
| MB 400-625250/2-A  | Method Blank       | 94                 |
| MB 400-625374/2-A  | Method Blank       | 92                 |

## Surrogate Legend

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

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

Matrix: Solid

Prep Type: Total/NA

## Percent Surrogate Recovery (Acceptance Limits)

| Lab Sample ID | Client Sample ID | OTPH1<br>(27-150) |
|---------------|------------------|-------------------|
| 400-237360-1  | SB04 30FT        | 115               |
| 400-237360-2  | SB04 57FT        | 123               |

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## Surrogate Summary

Client: Stantec Consulting Services Inc  
Project/Site: Blanco Field North Flare Pit.00

Job ID: 400-237360-1  
SDG: Kutz Area

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

**Matrix: Solid**

**Prep Type: Total/NA**

| Percent Surrogate Recovery (Acceptance Limits) |                    |                   |
|------------------------------------------------|--------------------|-------------------|
| Lab Sample ID                                  | Client Sample ID   | OTPH1<br>(27-150) |
| 400-237360-3                                   | SB04 65FT          | 122               |
| 400-237360-4                                   | SB05 27FT          | 122               |
| 400-237360-5                                   | SB05 57FT          | 85                |
| 400-237360-6                                   | SB05 60FT          | 112               |
| 400-237360-7                                   | SB06 18FT          | 101               |
| 400-237360-7 MS                                | SB06 18FT          | 132               |
| 400-237360-7 MSD                               | SB06 18FT          | 98                |
| 400-237360-8                                   | SB06 30FT          | 99                |
| 400-237360-9                                   | SB06 58FT          | 99                |
| 400-237360-10                                  | SB06 69FT          | 98                |
| 400-237360-11                                  | MW60 27FT          | 109               |
| 400-237360-12                                  | MW60 63FT          | 104               |
| 400-237360-13                                  | SB08 16FT          | 91                |
| 400-237360-14                                  | SB08 30FT          | 96                |
| 400-237360-15                                  | SB08 37FT          | 108               |
| 400-237360-16                                  | SB08 44FT          | 115               |
| 400-237360-17                                  | SB08 55FT          | 124               |
| 400-237360-18                                  | SB07 19FT          | 120               |
| 400-237360-19                                  | SB07 29FT          | 122               |
| 400-237360-20                                  | SB07 42FT          | 113               |
| 400-237360-21                                  | SB07 51FT          | 105               |
| 400-237360-22                                  | SB07 61FT          | 97                |
| 400-237360-23                                  | SB04 20FT          | 101               |
| LCS 400-624587/2-A                             | Lab Control Sample | 108               |
| LCS 400-624994/2-A                             | Lab Control Sample | 111               |
| MB 400-624587/1-A                              | Method Blank       | 121               |
| MB 400-624994/1-A                              | Method Blank       | 100               |

**Surrogate Legend**

OTPH = o-Terphenyl

## Lab Chronicle

Client: Stantec Consulting Services Inc  
Project/Site: Blanco Field North Flare Pit.00

Job ID: 400-237360-1  
SDG: Kutz Area

**Client Sample ID: SB04 30FT****Lab Sample ID: 400-237360-1****Date Collected: 05/02/23 14:55****Matrix: Solid****Date Received: 05/09/23 08:50**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab     |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Total/NA  | Analysis   | Moisture     |     | 1          |                |              | 624582       | 05/12/23 08:17       | TMP     | EET PEN |

**Client Sample ID: SB04 30FT****Lab Sample ID: 400-237360-1****Date Collected: 05/02/23 14:55****Matrix: Solid****Date Received: 05/09/23 08:50****Percent Solids: 87.6**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab     |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Total/NA  | Prep       | 5035         |     |            | 4.95 g         | 5.00 g       | 624916       | 05/15/23 10:27       | AGW     | EET PEN |
| Total/NA  | Analysis   | 8260B        |     | 1          | 5 mL           | 5 mL         | 624840       | 05/15/23 21:29       | AGW     | EET PEN |
| Total/NA  | Prep       | 5035         |     |            | 5.37 g         | 5.00 g       | 624435       | 05/11/23 10:28       | BJ      | EET PEN |
| Total/NA  | Analysis   | 8015B        |     | 50         | 5 mL           | 5 mL         | 624426       | 05/11/23 19:14       | SAB     | EET PEN |
| Total/NA  | Prep       | 3546         |     |            | 15.53 g        | 1 mL         | 624587       | 05/12/23 08:38       | LH      | EET PEN |
| Total/NA  | Analysis   | 8015B        |     | 1          | 1 mL           | 1 mL         | 624686       | 05/12/23 21:51       | MP      | EET PEN |
| Soluble   | Leach      | DI Leach     |     |            | 2.501 g        | 50 mL        | 624490       | 05/11/23 13:50       | JAW     | EET PEN |
| Soluble   | Analysis   | 300.0        |     | 1          | 10 mL          | 10 mL        | 625059       | 05/16/23 22:07       | JAW     | EET PEN |

**Client Sample ID: SB04 57FT****Lab Sample ID: 400-237360-2****Date Collected: 05/03/23 10:40****Matrix: Solid****Date Received: 05/09/23 08:50**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab     |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Total/NA  | Analysis   | Moisture     |     | 1          |                |              | 624582       | 05/12/23 08:17       | TMP     | EET PEN |

**Client Sample ID: SB04 57FT****Lab Sample ID: 400-237360-2****Date Collected: 05/03/23 10:40****Matrix: Solid****Date Received: 05/09/23 08:50****Percent Solids: 93.2**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab     |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Total/NA  | Prep       | 5035         |     |            | 4.94 g         | 5.00 g       | 625074       | 05/16/23 09:02       | BPO     | EET PEN |
| Total/NA  | Analysis   | 8260B        |     | 50         | 5 mL           | 5 mL         | 625013       | 05/16/23 12:56       | BPO     | EET PEN |
| Total/NA  | Prep       | 5035         |     |            | 5.20 g         | 5.00 g       | 624435       | 05/11/23 10:28       | BJ      | EET PEN |
| Total/NA  | Analysis   | 8015B        |     | 50         | 5 mL           | 5 mL         | 624426       | 05/11/23 19:35       | SAB     | EET PEN |
| Total/NA  | Prep       | 3546         |     |            | 15.59 g        | 1 mL         | 624587       | 05/12/23 08:38       | LH      | EET PEN |
| Total/NA  | Analysis   | 8015B        |     | 1          | 1 mL           | 1 mL         | 624686       | 05/12/23 22:08       | MP      | EET PEN |
| Soluble   | Leach      | DI Leach     |     |            | 2.527 g        | 50 mL        | 624490       | 05/11/23 13:50       | JAW     | EET PEN |
| Soluble   | Analysis   | 300.0        |     | 1          | 10 mL          | 10 mL        | 624556       | 05/12/23 03:10       | JAW     | EET PEN |

**Client Sample ID: SB04 65FT****Lab Sample ID: 400-237360-3****Date Collected: 05/03/23 12:20****Matrix: Solid****Date Received: 05/09/23 08:50**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab     |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Total/NA  | Analysis   | Moisture     |     | 1          |                |              | 624582       | 05/12/23 08:17       | TMP     | EET PEN |

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## Lab Chronicle

Client: Stantec Consulting Services Inc  
Project/Site: Blanco Field North Flare Pit.00

Job ID: 400-237360-1  
SDG: Kutz Area

**Client Sample ID: SB04 65FT****Lab Sample ID: 400-237360-3****Date Collected: 05/03/23 12:20****Matrix: Solid****Date Received: 05/09/23 08:50****Percent Solids: 89.4**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab     |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Total/NA  | Prep       | 5035         |     |            | 5.14 g         | 5.00 g       | 625074       | 05/16/23 09:02       | BPO     | EET PEN |
| Total/NA  | Analysis   | 8260B        |     | 50         | 5 mL           | 5 mL         | 625013       | 05/16/23 13:21       | BPO     | EET PEN |
| Total/NA  | Prep       | 5035         |     |            | 5.21 g         | 5.00 g       | 625065       | 05/15/23 10:45       | PD      | EET PEN |
| Total/NA  | Analysis   | 8015B        |     | 50         | 5 mL           | 5 mL         | 624856       | 05/15/23 18:59       | SAB     | EET PEN |
| Total/NA  | Prep       | 3546         |     |            | 15.55 g        | 1 mL         | 624587       | 05/12/23 08:38       | LH      | EET PEN |
| Total/NA  | Analysis   | 8015B        |     | 1          | 1 mL           | 1 mL         | 624686       | 05/12/23 22:25       | MP      | EET PEN |
| Soluble   | Leach      | DI Leach     |     |            | 2.532 g        | 50 mL        | 624490       | 05/11/23 13:50       | JAW     | EET PEN |
| Soluble   | Analysis   | 300.0        |     | 1          | 10 mL          | 10 mL        | 624556       | 05/12/23 03:30       | JAW     | EET PEN |

**Client Sample ID: SB05 27FT****Lab Sample ID: 400-237360-4****Date Collected: 05/04/23 08:50****Matrix: Solid****Date Received: 05/09/23 08:50**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab     |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Total/NA  | Analysis   | Moisture     |     | 1          |                |              | 624754       | 05/13/23 08:22       | AW      | EET PEN |

**Client Sample ID: SB05 27FT****Lab Sample ID: 400-237360-4****Date Collected: 05/04/23 08:50****Matrix: Solid****Date Received: 05/09/23 08:50****Percent Solids: 87.7**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab     |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Total/NA  | Prep       | 5035         |     |            | 5.05 g         | 5.00 g       | 625074       | 05/16/23 09:02       | BPO     | EET PEN |
| Total/NA  | Analysis   | 8260B        |     | 1          | 5 mL           | 5 mL         | 625013       | 05/16/23 11:42       | BPO     | EET PEN |
| Total/NA  | Prep       | 5035         |     |            | 5.12 g         | 5.00 g       | 624435       | 05/11/23 10:28       | BJ      | EET PEN |
| Total/NA  | Analysis   | 8015B        |     | 50         | 5 mL           | 5 mL         | 624426       | 05/11/23 20:28       | SAB     | EET PEN |
| Total/NA  | Prep       | 3546         |     |            | 15.44 g        | 1 mL         | 624587       | 05/12/23 08:38       | LH      | EET PEN |
| Total/NA  | Analysis   | 8015B        |     | 1          | 1 mL           | 1 mL         | 624686       | 05/12/23 22:43       | MP      | EET PEN |
| Soluble   | Leach      | DI Leach     |     |            | 2.566 g        | 50 mL        | 624490       | 05/11/23 13:50       | JAW     | EET PEN |
| Soluble   | Analysis   | 300.0        |     | 1          | 10 mL          | 10 mL        | 624556       | 05/12/23 03:50       | JAW     | EET PEN |

**Client Sample ID: SB05 57FT****Lab Sample ID: 400-237360-5****Date Collected: 05/04/23 11:45****Matrix: Solid****Date Received: 05/09/23 08:50**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab     |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Total/NA  | Analysis   | Moisture     |     | 1          |                |              | 624582       | 05/12/23 08:17       | TMP     | EET PEN |

**Client Sample ID: SB05 57FT****Lab Sample ID: 400-237360-5****Date Collected: 05/04/23 11:45****Matrix: Solid****Date Received: 05/09/23 08:50****Percent Solids: 90.5**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab     |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Total/NA  | Prep       | 5035         |     |            | 5.38 g         | 5.00 g       | 625242       | 05/17/23 09:01       | JE      | EET PEN |
| Total/NA  | Analysis   | 8260B        |     | 50         | 5 mL           | 5 mL         | 625205       | 05/17/23 13:09       | JE      | EET PEN |
| Total/NA  | Prep       | 5035         |     |            | 5.33 g         | 5.00 g       | 624435       | 05/11/23 10:28       | BJ      | EET PEN |
| Total/NA  | Analysis   | 8015B        |     | 50         | 5 mL           | 5 mL         | 624426       | 05/11/23 20:54       | SAB     | EET PEN |

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## Lab Chronicle

Client: Stantec Consulting Services Inc  
Project/Site: Blanco Field North Flare Pit.00

Job ID: 400-237360-1  
SDG: Kutz Area

**Client Sample ID: SB05 57FT****Lab Sample ID: 400-237360-5****Date Collected: 05/04/23 11:45****Matrix: Solid****Date Received: 05/09/23 08:50****Percent Solids: 90.5**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab     |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Total/NA  | Prep       | 3546         |     |            | 15.28 g        | 1 mL         | 624587       | 05/12/23 08:38       | LH      | EET PEN |
| Total/NA  | Analysis   | 8015B        |     | 1          | 1 mL           | 1 mL         | 624686       | 05/12/23 23:00       | MP      | EET PEN |
| Soluble   | Leach      | DI Leach     |     |            | 2.508 g        | 50 mL        | 624490       | 05/11/23 13:50       | JAW     | EET PEN |
| Soluble   | Analysis   | 300.0        |     | 1          | 10 mL          | 10 mL        | 624556       | 05/12/23 04:09       | JAW     | EET PEN |

**Client Sample ID: SB05 60FT****Lab Sample ID: 400-237360-6****Date Collected: 05/04/23 12:05****Matrix: Solid****Date Received: 05/09/23 08:50**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab     |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Total/NA  | Analysis   | Moisture     |     | 1          |                |              | 624582       | 05/12/23 08:17       | TMP     | EET PEN |

**Client Sample ID: SB05 60FT****Lab Sample ID: 400-237360-6****Date Collected: 05/04/23 12:05****Matrix: Solid****Date Received: 05/09/23 08:50****Percent Solids: 90.3**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab     |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Total/NA  | Prep       | 5035         |     |            | 4.86 g         | 5.00 g       | 625242       | 05/17/23 09:01       | JE      | EET PEN |
| Total/NA  | Analysis   | 8260B        |     | 50         | 5 mL           | 5 mL         | 625205       | 05/17/23 13:34       | JE      | EET PEN |
| Total/NA  | Prep       | 5035         |     |            | 5.26 g         | 5.00 g       | 624435       | 05/11/23 10:28       | BJ      | EET PEN |
| Total/NA  | Analysis   | 8015B        |     | 50         | 5 mL           | 5 mL         | 624426       | 05/11/23 21:21       | SAB     | EET PEN |
| Total/NA  | Prep       | 3546         |     |            | 15.24 g        | 1 mL         | 624587       | 05/12/23 08:38       | LH      | EET PEN |
| Total/NA  | Analysis   | 8015B        |     | 1          | 1 mL           | 1 mL         | 624686       | 05/12/23 23:17       | MP      | EET PEN |
| Soluble   | Leach      | DI Leach     |     |            | 2.497 g        | 50 mL        | 624490       | 05/11/23 13:50       | JAW     | EET PEN |
| Soluble   | Analysis   | 300.0        |     | 1          | 10 mL          | 10 mL        | 624556       | 05/12/23 04:29       | JAW     | EET PEN |

**Client Sample ID: SB06 18FT****Lab Sample ID: 400-237360-7****Date Collected: 05/05/23 16:40****Matrix: Solid****Date Received: 05/09/23 08:50**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab     |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Total/NA  | Analysis   | Moisture     |     | 1          |                |              | 624663       | 05/12/23 09:38       | AW      | EET PEN |

**Client Sample ID: SB06 18FT****Lab Sample ID: 400-237360-7****Date Collected: 05/05/23 16:40****Matrix: Solid****Date Received: 05/09/23 08:50****Percent Solids: 91.4**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab     |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Total/NA  | Prep       | 5035         |     |            | 4.80 g         | 5.00 g       | 625484       | 05/18/23 12:00       | AGW     | EET PEN |
| Total/NA  | Analysis   | 8260B        |     | 1          | 5 mL           | 5 mL         | 625402       | 05/18/23 19:19       | BPO     | EET PEN |
| Total/NA  | Prep       | 5035         |     |            | 5.46 g         | 5.00 g       | 625065       | 05/15/23 10:45       | PD      | EET PEN |
| Total/NA  | Analysis   | 8015B        |     | 50         | 5 mL           | 5 mL         | 624856       | 05/15/23 19:24       | SAB     | EET PEN |
| Total/NA  | Prep       | 3546         |     |            | 15.09 g        | 1 mL         | 624994       | 05/15/23 23:46       | JTC     | EET PEN |
| Total/NA  | Analysis   | 8015B        |     | 1          | 1 mL           | 1 mL         | 625137       | 05/17/23 16:19       | MP      | EET PEN |
| Soluble   | Leach      | DI Leach     |     |            | 2.534 g        | 50 mL        | 624490       | 05/11/23 13:50       | JAW     | EET PEN |
| Soluble   | Analysis   | 300.0        |     | 1          | 10 mL          | 10 mL        | 624556       | 05/12/23 04:49       | JAW     | EET PEN |

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## Lab Chronicle

Client: Stantec Consulting Services Inc  
Project/Site: Blanco Field North Flare Pit.00

Job ID: 400-237360-1  
SDG: Kutz Area

**Client Sample ID: SB06 30FT****Lab Sample ID: 400-237360-8****Date Collected: 05/05/23 17:05****Matrix: Solid****Date Received: 05/09/23 08:50**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab     |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Total/NA  | Analysis   | Moisture     |     | 1          |                |              | 624663       | 05/12/23 09:38       | AW      | EET PEN |

**Client Sample ID: SB06 30FT****Lab Sample ID: 400-237360-8****Date Collected: 05/05/23 17:05****Matrix: Solid****Date Received: 05/09/23 08:50****Percent Solids: 92.0**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab     |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Total/NA  | Prep       | 5035         |     |            | 4.75 g         | 5.00 g       | 625484       | 05/18/23 12:00       | AGW     | EET PEN |
| Total/NA  | Analysis   | 8260B        |     | 1          | 5 mL           | 5 mL         | 625402       | 05/18/23 19:40       | BPO     | EET PEN |
| Total/NA  | Prep       | 5035         |     |            | 5.41 g         | 5.00 g       | 625065       | 05/15/23 10:45       | PD      | EET PEN |
| Total/NA  | Analysis   | 8015B        |     | 50         | 5 mL           | 5 mL         | 624856       | 05/15/23 14:59       | SAB     | EET PEN |
| Total/NA  | Prep       | 3546         |     |            | 15.01 g        | 1 mL         | 624994       | 05/15/23 23:46       | JTC     | EET PEN |
| Total/NA  | Analysis   | 8015B        |     | 1          | 1 mL           | 1 mL         | 625137       | 05/17/23 17:13       | MP      | EET PEN |
| Soluble   | Leach      | DI Leach     |     |            | 2.513 g        | 50 mL        | 624490       | 05/11/23 13:50       | JAW     | EET PEN |
| Soluble   | Analysis   | 300.0        |     | 1          | 10 mL          | 10 mL        | 624556       | 05/12/23 05:09       | JAW     | EET PEN |

**Client Sample ID: SB06 58FT****Lab Sample ID: 400-237360-9****Date Collected: 05/06/23 09:15****Matrix: Solid****Date Received: 05/09/23 08:50**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab     |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Total/NA  | Analysis   | Moisture     |     | 1          |                |              | 624663       | 05/12/23 09:38       | AW      | EET PEN |

**Client Sample ID: SB06 58FT****Lab Sample ID: 400-237360-9****Date Collected: 05/06/23 09:15****Matrix: Solid****Date Received: 05/09/23 08:50****Percent Solids: 98.2**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab     |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Total/NA  | Prep       | 5035         |     |            | 4.86 g         | 5.00 g       | 625484       | 05/18/23 12:00       | AGW     | EET PEN |
| Total/NA  | Analysis   | 8260B        |     | 50         | 5 mL           | 5 mL         | 625402       | 05/18/23 22:28       | BPO     | EET PEN |
| Total/NA  | Prep       | 5035         |     |            | 5.37 g         | 5.00 g       | 624650       | 05/12/23 09:01       | BJ      | EET PEN |
| Total/NA  | Analysis   | 8015B        |     | 50         | 5 mL           | 5 mL         | 624598       | 05/12/23 12:25       | SAB     | EET PEN |
| Total/NA  | Prep       | 3546         |     |            | 15.05 g        | 1 mL         | 624994       | 05/15/23 23:46       | JTC     | EET PEN |
| Total/NA  | Analysis   | 8015B        |     | 1          | 1 mL           | 1 mL         | 625137       | 05/17/23 17:30       | MP      | EET PEN |
| Soluble   | Leach      | DI Leach     |     |            | 2.515 g        | 50 mL        | 624490       | 05/11/23 13:50       | JAW     | EET PEN |
| Soluble   | Analysis   | 300.0        |     | 1          | 10 mL          | 10 mL        | 624556       | 05/12/23 05:29       | JAW     | EET PEN |

**Client Sample ID: SB06 69FT****Lab Sample ID: 400-237360-10****Date Collected: 05/06/23 10:40****Matrix: Solid****Date Received: 05/09/23 08:50**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab     |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Total/NA  | Analysis   | Moisture     |     | 1          |                |              | 624402       | 05/11/23 14:21       | TMP     | EET PEN |

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## Lab Chronicle

Client: Stantec Consulting Services Inc  
Project/Site: Blanco Field North Flare Pit.00

Job ID: 400-237360-1  
SDG: Kutz Area

**Client Sample ID: SB06 69FT****Lab Sample ID: 400-237360-10****Date Collected: 05/06/23 10:40****Matrix: Solid****Date Received: 05/09/23 08:50****Percent Solids: 91.5**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab     |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Total/NA  | Prep       | 5035         |     |            | 5.01 g         | 5.00 g       | 625484       | 05/18/23 12:00       | AGW     | EET PEN |
| Total/NA  | Analysis   | 8260B        |     | 50         | 5 mL           | 5 mL         | 625402       | 05/18/23 22:49       | BPO     | EET PEN |
| Total/NA  | Prep       | 5035         |     |            | 5.49 g         | 5.00 g       | 624650       | 05/12/23 09:01       | BJ      | EET PEN |
| Total/NA  | Analysis   | 8015B        |     | 50         | 5 mL           | 5 mL         | 624598       | 05/12/23 12:44       | SAB     | EET PEN |
| Total/NA  | Prep       | 3546         |     |            | 15.25 g        | 1 mL         | 624994       | 05/15/23 23:46       | JTC     | EET PEN |
| Total/NA  | Analysis   | 8015B        |     | 1          | 1 mL           | 1 mL         | 625137       | 05/17/23 17:47       | MP      | EET PEN |
| Soluble   | Leach      | DI Leach     |     |            | 2.493 g        | 50 mL        | 624911       | 05/15/23 13:21       | JAW     | EET PEN |
| Soluble   | Analysis   | 300.0        |     | 1          | 10 mL          | 10 mL        | 625158       | 05/17/23 00:06       | JAW     | EET PEN |

**Client Sample ID: MW60 27FT****Lab Sample ID: 400-237360-11****Date Collected: 05/06/23 14:15****Matrix: Solid****Date Received: 05/09/23 08:50**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab     |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Total/NA  | Analysis   | Moisture     |     | 1          |                |              | 624402       | 05/11/23 14:21       | TMP     | EET PEN |

**Client Sample ID: MW60 27FT****Lab Sample ID: 400-237360-11****Date Collected: 05/06/23 14:15****Matrix: Solid****Date Received: 05/09/23 08:50****Percent Solids: 95.4**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab     |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Total/NA  | Prep       | 5035         |     |            | 5.09 g         | 5.00 g       | 625484       | 05/18/23 12:00       | AGW     | EET PEN |
| Total/NA  | Analysis   | 8260B        |     | 1          | 5 mL           | 5 mL         | 625402       | 05/18/23 20:01       | BPO     | EET PEN |
| Total/NA  | Prep       | 5035         |     |            | 5.44 g         | 5.00 g       | 624650       | 05/12/23 09:01       | BJ      | EET PEN |
| Total/NA  | Analysis   | 8015B        |     | 50         | 5 mL           | 5 mL         | 624598       | 05/12/23 13:10       | SAB     | EET PEN |
| Total/NA  | Prep       | 3546         |     |            | 15.00 g        | 1 mL         | 624994       | 05/15/23 23:46       | JTC     | EET PEN |
| Total/NA  | Analysis   | 8015B        |     | 1          | 1 mL           | 1 mL         | 625137       | 05/17/23 18:05       | MP      | EET PEN |
| Soluble   | Leach      | DI Leach     |     |            | 2.535 g        | 50 mL        | 624911       | 05/15/23 13:21       | JAW     | EET PEN |
| Soluble   | Analysis   | 300.0        |     | 1          | 10 mL          | 10 mL        | 625158       | 05/17/23 01:05       | JAW     | EET PEN |

**Client Sample ID: MW60 63FT****Lab Sample ID: 400-237360-12****Date Collected: 05/06/23 17:00****Matrix: Solid****Date Received: 05/09/23 08:50**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab     |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Total/NA  | Analysis   | Moisture     |     | 1          |                |              | 624402       | 05/11/23 14:21       | TMP     | EET PEN |

**Client Sample ID: MW60 63FT****Lab Sample ID: 400-237360-12****Date Collected: 05/06/23 17:00****Matrix: Solid****Date Received: 05/09/23 08:50****Percent Solids: 89.9**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab     |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Total/NA  | Prep       | 5035         |     |            | 5.12 g         | 5.00 g       | 625484       | 05/18/23 12:00       | AGW     | EET PEN |
| Total/NA  | Analysis   | 8260B        |     | 1          | 5 mL           | 5 mL         | 625402       | 05/18/23 20:22       | BPO     | EET PEN |
| Total/NA  | Prep       | 5035         |     |            | 5.20 g         | 5.00 g       | 624650       | 05/12/23 09:01       | BJ      | EET PEN |
| Total/NA  | Analysis   | 8015B        |     | 50         | 5 mL           | 5 mL         | 624598       | 05/12/23 13:37       | SAB     | EET PEN |

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## Lab Chronicle

Client: Stantec Consulting Services Inc  
Project/Site: Blanco Field North Flare Pit.00

Job ID: 400-237360-1  
SDG: Kutz Area

**Client Sample ID: MW60 63FT****Lab Sample ID: 400-237360-12****Date Collected: 05/06/23 17:00****Matrix: Solid****Date Received: 05/09/23 08:50****Percent Solids: 89.9**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab     |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Total/NA  | Prep       | 3546         |     |            | 15.36 g        | 1 mL         | 624994       | 05/15/23 23:46       | JTC     | EET PEN |
| Total/NA  | Analysis   | 8015B        |     | 1          | 1 mL           | 1 mL         | 625137       | 05/17/23 18:22       | MP      | EET PEN |
| Soluble   | Leach      | DI Leach     |     |            | 2.506 g        | 50 mL        | 624911       | 05/15/23 13:21       | JAW     | EET PEN |
| Soluble   | Analysis   | 300.0        |     | 1          | 10 mL          | 10 mL        | 625158       | 05/17/23 01:25       | JAW     | EET PEN |

**Client Sample ID: SB08 16FT****Lab Sample ID: 400-237360-13****Date Collected: 05/04/23 16:10****Matrix: Solid****Date Received: 05/09/23 08:50**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab     |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Total/NA  | Analysis   | Moisture     |     | 1          |                |              | 624402       | 05/11/23 14:21       | TMP     | EET PEN |

**Client Sample ID: SB08 16FT****Lab Sample ID: 400-237360-13****Date Collected: 05/04/23 16:10****Matrix: Solid****Date Received: 05/09/23 08:50****Percent Solids: 97.1**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab     |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Total/NA  | Prep       | 5035         |     |            | 5.18 g         | 5.00 g       | 625242       | 05/17/23 09:01       | JE      | EET PEN |
| Total/NA  | Analysis   | 8260B        |     | 1          | 5 mL           | 5 mL         | 625205       | 05/17/23 11:09       | JE      | EET PEN |
| Total/NA  | Prep       | 5035         |     |            | 5.31 g         | 5.00 g       | 624650       | 05/12/23 09:01       | BJ      | EET PEN |
| Total/NA  | Analysis   | 8015B        |     | 50         | 5 mL           | 5 mL         | 624598       | 05/12/23 14:03       | SAB     | EET PEN |
| Total/NA  | Prep       | 3546         |     |            | 15.30 g        | 1 mL         | 624994       | 05/15/23 23:46       | JTC     | EET PEN |
| Total/NA  | Analysis   | 8015B        |     | 1          | 1 mL           | 1 mL         | 625137       | 05/17/23 18:56       | MP      | EET PEN |
| Soluble   | Leach      | DI Leach     |     |            | 2.487 g        | 50 mL        | 624911       | 05/15/23 13:21       | JAW     | EET PEN |
| Soluble   | Analysis   | 300.0        |     | 1          | 10 mL          | 10 mL        | 625158       | 05/17/23 01:45       | JAW     | EET PEN |

**Client Sample ID: SB08 30FT****Lab Sample ID: 400-237360-14****Date Collected: 05/04/23 16:40****Matrix: Solid****Date Received: 05/09/23 08:50**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab     |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Total/NA  | Analysis   | Moisture     |     | 1          |                |              | 624402       | 05/11/23 14:21       | TMP     | EET PEN |

**Client Sample ID: SB08 30FT****Lab Sample ID: 400-237360-14****Date Collected: 05/04/23 16:40****Matrix: Solid****Date Received: 05/09/23 08:50****Percent Solids: 93.1**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab     |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Total/NA  | Prep       | 5035         |     |            | 4.98 g         | 5.00 g       | 625242       | 05/17/23 09:01       | JE      | EET PEN |
| Total/NA  | Analysis   | 8260B        |     | 1          | 5 mL           | 5 mL         | 625205       | 05/17/23 11:34       | JE      | EET PEN |
| Total/NA  | Prep       | 5035         |     |            | 5.33 g         | 5.00 g       | 624650       | 05/12/23 09:01       | BJ      | EET PEN |
| Total/NA  | Analysis   | 8015B        |     | 50         | 5 mL           | 5 mL         | 624598       | 05/12/23 21:37       | SAB     | EET PEN |
| Total/NA  | Prep       | 3546         |     |            | 15.04 g        | 1 mL         | 624994       | 05/15/23 23:46       | JTC     | EET PEN |
| Total/NA  | Analysis   | 8015B        |     | 1          | 1 mL           | 1 mL         | 625137       | 05/17/23 19:13       | MP      | EET PEN |
| Soluble   | Leach      | DI Leach     |     |            | 2.574 g        | 50 mL        | 624911       | 05/15/23 13:21       | JAW     | EET PEN |
| Soluble   | Analysis   | 300.0        |     | 1          | 10 mL          | 10 mL        | 625158       | 05/17/23 02:05       | JAW     | EET PEN |

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## Lab Chronicle

Client: Stantec Consulting Services Inc  
Project/Site: Blanco Field North Flare Pit.00

Job ID: 400-237360-1  
SDG: Kutz Area

**Client Sample ID: SB08 37FT****Lab Sample ID: 400-237360-15****Date Collected: 05/04/23 17:05****Matrix: Solid****Date Received: 05/09/23 08:50**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab     |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Total/NA  | Analysis   | Moisture     |     | 1          |                |              | 624402       | 05/11/23 14:21       | TMP     | EET PEN |

**Client Sample ID: SB08 37FT****Lab Sample ID: 400-237360-15****Date Collected: 05/04/23 17:05****Matrix: Solid****Date Received: 05/09/23 08:50****Percent Solids: 90.0**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab     |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Total/NA  | Prep       | 5035         |     |            | 5.18 g         | 5.00 g       | 625242       | 05/17/23 09:01       | JE      | EET PEN |
| Total/NA  | Analysis   | 8260B        |     | 1          | 5 mL           | 5 mL         | 625205       | 05/17/23 11:59       | JE      | EET PEN |
| Total/NA  | Prep       | 5035         |     |            | 5.13 g         | 5.00 g       | 624650       | 05/12/23 09:01       | BJ      | EET PEN |
| Total/NA  | Analysis   | 8015B        |     | 50         | 5 mL           | 5 mL         | 624598       | 05/12/23 22:03       | SAB     | EET PEN |
| Total/NA  | Prep       | 3546         |     |            | 15.42 g        | 1 mL         | 624994       | 05/15/23 23:46       | JTC     | EET PEN |
| Total/NA  | Analysis   | 8015B        |     | 1          | 1 mL           | 1 mL         | 625137       | 05/17/23 19:30       | MP      | EET PEN |
| Soluble   | Leach      | DI Leach     |     |            | 2.533 g        | 50 mL        | 624911       | 05/15/23 13:21       | JAW     | EET PEN |
| Soluble   | Analysis   | 300.0        |     | 1          | 10 mL          | 10 mL        | 625450       | 05/18/23 12:44       | JAW     | EET PEN |

**Client Sample ID: SB08 44FT****Lab Sample ID: 400-237360-16****Date Collected: 05/04/23 17:08****Matrix: Solid****Date Received: 05/09/23 08:50**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab     |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Total/NA  | Analysis   | Moisture     |     | 1          |                |              | 624402       | 05/11/23 14:21       | TMP     | EET PEN |

**Client Sample ID: SB08 44FT****Lab Sample ID: 400-237360-16****Date Collected: 05/04/23 17:08****Matrix: Solid****Date Received: 05/09/23 08:50****Percent Solids: 91.0**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab     |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Total/NA  | Prep       | 5035         |     |            | 4.89 g         | 5.00 g       | 625242       | 05/17/23 09:01       | JE      | EET PEN |
| Total/NA  | Analysis   | 8260B        |     | 50         | 5 mL           | 5 mL         | 625205       | 05/17/23 13:58       | JE      | EET PEN |
| Total/NA  | Prep       | 5035         |     |            | 5.37 g         | 5.00 g       | 625374       | 05/16/23 09:36       | BJ      | EET PEN |
| Total/NA  | Analysis   | 8015B        |     | 200        | 5 mL           | 5 mL         | 625024       | 05/16/23 12:28       | SAB     | EET PEN |
| Total/NA  | Prep       | 3546         |     |            | 15.24 g        | 1 mL         | 624994       | 05/15/23 23:46       | JTC     | EET PEN |
| Total/NA  | Analysis   | 8015B        |     | 1          | 1 mL           | 1 mL         | 625137       | 05/17/23 19:47       | MP      | EET PEN |
| Soluble   | Leach      | DI Leach     |     |            | 2.528 g        | 50 mL        | 624911       | 05/15/23 13:21       | JAW     | EET PEN |
| Soluble   | Analysis   | 300.0        |     | 1          | 10 mL          | 10 mL        | 625450       | 05/18/23 13:04       | JAW     | EET PEN |

**Client Sample ID: SB08 55FT****Lab Sample ID: 400-237360-17****Date Collected: 05/04/23 17:30****Matrix: Solid****Date Received: 05/09/23 08:50**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab     |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Total/NA  | Analysis   | Moisture     |     | 1          |                |              | 624402       | 05/11/23 14:21       | TMP     | EET PEN |

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## Lab Chronicle

Client: Stantec Consulting Services Inc  
Project/Site: Blanco Field North Flare Pit.00

Job ID: 400-237360-1  
SDG: Kutz Area

**Client Sample ID: SB08 55FT****Lab Sample ID: 400-237360-17****Date Collected: 05/04/23 17:30****Matrix: Solid****Date Received: 05/09/23 08:50****Percent Solids: 88.3**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab     |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Total/NA  | Prep       | 5035         |     |            | 4.98 g         | 5.00 g       | 625242       | 05/17/23 09:01       | JE      | EET PEN |
| Total/NA  | Analysis   | 8260B        |     | 100        | 5 mL           | 5 mL         | 625205       | 05/17/23 14:47       | JE      | EET PEN |
| Total/NA  | Prep       | 5035         |     |            | 5.15 g         | 5.00 g       | 625374       | 05/16/23 09:36       | BJ      | EET PEN |
| Total/NA  | Analysis   | 8015B        |     | 1000       | 5 mL           | 5 mL         | 625024       | 05/16/23 12:55       | SAB     | EET PEN |
| Total/NA  | Prep       | 3546         |     |            | 15.05 g        | 1 mL         | 624994       | 05/15/23 23:46       | JTC     | EET PEN |
| Total/NA  | Analysis   | 8015B        |     | 1          | 1 mL           | 1 mL         | 625137       | 05/17/23 20:04       | MP      | EET PEN |
| Total/NA  | Prep       | 3546         |     |            | 15.05 g        | 1 mL         | 624994       | 05/15/23 23:46       | JTC     | EET PEN |
| Total/NA  | Analysis   | 8015B        |     | 5          | 1 mL           | 1 mL         | 627290       | 05/31/23 22:47       | CJ      | EET PEN |
| Soluble   | Leach      | DI Leach     |     |            | 2.489 g        | 50 mL        | 624911       | 05/15/23 13:21       | JAW     | EET PEN |
| Soluble   | Analysis   | 300.0        |     | 1          | 10 mL          | 10 mL        | 625450       | 05/18/23 13:24       | JAW     | EET PEN |

**Client Sample ID: SB07 19FT****Lab Sample ID: 400-237360-18****Date Collected: 05/05/23 10:20****Matrix: Solid****Date Received: 05/09/23 08:50**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab     |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Total/NA  | Analysis   | Moisture     |     | 1          |                |              | 624402       | 05/11/23 14:21       | TMP     | EET PEN |

**Client Sample ID: SB07 19FT****Lab Sample ID: 400-237360-18****Date Collected: 05/05/23 10:20****Matrix: Solid****Date Received: 05/09/23 08:50****Percent Solids: 97.4**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab     |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Total/NA  | Prep       | 5035         |     |            | 5.09 g         | 5.00 g       | 625484       | 05/18/23 12:00       | AGW     | EET PEN |
| Total/NA  | Analysis   | 8260B        |     | 1          | 5 mL           | 5 mL         | 625402       | 05/18/23 20:42       | BPO     | EET PEN |
| Total/NA  | Prep       | 5035         |     |            | 5.33 g         | 5.00 g       | 625374       | 05/16/23 09:36       | BJ      | EET PEN |
| Total/NA  | Analysis   | 8015B        |     | 50         | 5 mL           | 5 mL         | 625024       | 05/16/23 12:07       | SAB     | EET PEN |
| Total/NA  | Prep       | 3546         |     |            | 15.07 g        | 1 mL         | 624994       | 05/15/23 23:46       | JTC     | EET PEN |
| Total/NA  | Analysis   | 8015B        |     | 1          | 1 mL           | 1 mL         | 625137       | 05/17/23 20:21       | MP      | EET PEN |
| Soluble   | Leach      | DI Leach     |     |            | 2.591 g        | 50 mL        | 624911       | 05/15/23 13:21       | JAW     | EET PEN |
| Soluble   | Analysis   | 300.0        |     | 1          | 10 mL          | 10 mL        | 625450       | 05/18/23 13:44       | JAW     | EET PEN |

**Client Sample ID: SB07 29FT****Lab Sample ID: 400-237360-19****Date Collected: 05/05/23 10:50****Matrix: Solid****Date Received: 05/09/23 08:50**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab     |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Total/NA  | Analysis   | Moisture     |     | 1          |                |              | 624402       | 05/11/23 14:21       | TMP     | EET PEN |

**Client Sample ID: SB07 29FT****Lab Sample ID: 400-237360-19****Date Collected: 05/05/23 10:50****Matrix: Solid****Date Received: 05/09/23 08:50****Percent Solids: 95.8**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab     |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Total/NA  | Prep       | 5035         |     |            | 4.84 g         | 5.00 g       | 625484       | 05/18/23 12:00       | AGW     | EET PEN |
| Total/NA  | Analysis   | 8260B        |     | 1          | 5 mL           | 5 mL         | 625402       | 05/18/23 21:03       | BPO     | EET PEN |

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## Lab Chronicle

Client: Stantec Consulting Services Inc  
Project/Site: Blanco Field North Flare Pit.00

Job ID: 400-237360-1  
SDG: Kutz Area

**Client Sample ID: SB07 29FT****Lab Sample ID: 400-237360-19****Date Collected: 05/05/23 10:50****Matrix: Solid****Date Received: 05/09/23 08:50****Percent Solids: 95.8**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab     |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Total/NA  | Prep       | 5035         |     |            | 5.39 g         | 5.00 g       | 625374       | 05/16/23 09:36       | BJ      | EET PEN |
| Total/NA  | Analysis   | 8015B        |     | 50         | 5 mL           | 5 mL         | 625024       | 05/16/23 14:15       | SAB     | EET PEN |
| Total/NA  | Prep       | 3546         |     |            | 15.12 g        | 1 mL         | 624994       | 05/15/23 23:46       | JTC     | EET PEN |
| Total/NA  | Analysis   | 8015B        |     | 1          | 1 mL           | 1 mL         | 625137       | 05/17/23 20:38       | MP      | EET PEN |
| Soluble   | Leach      | DI Leach     |     |            | 2.535 g        | 50 mL        | 624911       | 05/15/23 13:21       | JAW     | EET PEN |
| Soluble   | Analysis   | 300.0        |     | 1          | 10 mL          | 10 mL        | 625450       | 05/18/23 14:04       | JAW     | EET PEN |

**Client Sample ID: SB07 42FT****Lab Sample ID: 400-237360-20****Date Collected: 05/05/23 11:25****Matrix: Solid****Date Received: 05/09/23 08:50**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab     |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Total/NA  | Analysis   | Moisture     |     | 1          |                |              | 624402       | 05/11/23 14:21       | TMP     | EET PEN |

**Client Sample ID: SB07 42FT****Lab Sample ID: 400-237360-20****Date Collected: 05/05/23 11:25****Matrix: Solid****Date Received: 05/09/23 08:50****Percent Solids: 92.7**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab     |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Total/NA  | Prep       | 5035         |     |            | 5.11 g         | 5.00 g       | 625484       | 05/18/23 12:00       | AGW     | EET PEN |
| Total/NA  | Analysis   | 8260B        |     | 1          | 5 mL           | 5 mL         | 625402       | 05/18/23 21:24       | BPO     | EET PEN |
| Total/NA  | Prep       | 5035         |     |            | 5.41 g         | 5.00 g       | 625374       | 05/16/23 09:36       | BJ      | EET PEN |
| Total/NA  | Analysis   | 8015B        |     | 50         | 5 mL           | 5 mL         | 625024       | 05/16/23 14:41       | SAB     | EET PEN |
| Total/NA  | Prep       | 3546         |     |            | 15.01 g        | 1 mL         | 624994       | 05/15/23 23:46       | JTC     | EET PEN |
| Total/NA  | Analysis   | 8015B        |     | 1          | 1 mL           | 1 mL         | 625137       | 05/17/23 20:55       | MP      | EET PEN |
| Soluble   | Leach      | DI Leach     |     |            | 2.504 g        | 50 mL        | 624911       | 05/15/23 13:21       | JAW     | EET PEN |
| Soluble   | Analysis   | 300.0        |     | 1          | 10 mL          | 10 mL        | 625450       | 05/18/23 14:24       | JAW     | EET PEN |

**Client Sample ID: SB07 51FT****Lab Sample ID: 400-237360-21****Date Collected: 05/05/23 11:50****Matrix: Solid****Date Received: 05/09/23 08:50**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab     |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Total/NA  | Analysis   | Moisture     |     | 1          |                |              | 624402       | 05/11/23 14:21       | TMP     | EET PEN |

**Client Sample ID: SB07 51FT****Lab Sample ID: 400-237360-21****Date Collected: 05/05/23 11:50****Matrix: Solid****Date Received: 05/09/23 08:50****Percent Solids: 96.1**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab     |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Total/NA  | Prep       | 5035         |     |            | 5.05 g         | 5.00 g       | 625484       | 05/18/23 12:00       | AGW     | EET PEN |
| Total/NA  | Analysis   | 8260B        |     | 1          | 5 mL           | 5 mL         | 625402       | 05/18/23 21:45       | BPO     | EET PEN |
| Total/NA  | Prep       | 5035         |     |            | 5.43 g         | 5.00 g       | 625374       | 05/16/23 09:36       | BJ      | EET PEN |
| Total/NA  | Analysis   | 8015B        |     | 50         | 5 mL           | 5 mL         | 625024       | 05/16/23 15:07       | SAB     | EET PEN |
| Total/NA  | Prep       | 3546         |     |            | 15.06 g        | 1 mL         | 624994       | 05/15/23 23:46       | JTC     | EET PEN |
| Total/NA  | Analysis   | 8015B        |     | 1          | 1 mL           | 1 mL         | 625137       | 05/17/23 21:12       | MP      | EET PEN |

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## Lab Chronicle

Client: Stantec Consulting Services Inc  
Project/Site: Blanco Field North Flare Pit.00

Job ID: 400-237360-1  
SDG: Kutz Area

Client Sample ID: SB07 51FT

Lab Sample ID: 400-237360-21

Date Collected: 05/05/23 11:50

Matrix: Solid

Date Received: 05/09/23 08:50

Percent Solids: 96.1

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab     |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Soluble   | Leach      | DI Leach     |     |            | 2.585 g        | 50 mL        | 624911       | 05/15/23 13:21       | JAW     | EET PEN |
| Soluble   | Analysis   | 300.0        |     | 1          | 10 mL          | 10 mL        | 625450       | 05/18/23 14:43       | JAW     | EET PEN |

Client Sample ID: SB07 61FT

Lab Sample ID: 400-237360-22

Date Collected: 05/05/23 13:00

Matrix: Solid

Date Received: 05/09/23 08:50

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab     |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Total/NA  | Analysis   | Moisture     |     | 1          |                |              | 624402       | 05/11/23 14:21       | TMP     | EET PEN |

Client Sample ID: SB07 61FT

Lab Sample ID: 400-237360-22

Date Collected: 05/05/23 13:00

Matrix: Solid

Date Received: 05/09/23 08:50

Percent Solids: 87.5

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab     |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Total/NA  | Prep       | 5035         |     |            | 5.23 g         | 5.00 g       | 625484       | 05/18/23 12:00       | AGW     | EET PEN |
| Total/NA  | Analysis   | 8260B        |     | 100        | 5 mL           | 5 mL         | 625402       | 05/18/23 23:31       | BPO     | EET PEN |
| Total/NA  | Prep       | 5035         | DL  |            | 5.23 g         | 5.00 g       | 625640       | 05/19/23 09:16       | AGW     | EET PEN |
| Total/NA  | Analysis   | 8260B        | DL  | 200        | 5 mL           | 5 mL         | 625587       | 05/19/23 13:04       | BPO     | EET PEN |
| Total/NA  | Prep       | 5035         |     |            | 5.37 g         | 5.00 g       | 625250       | 05/17/23 10:49       | SAB     | EET PEN |
| Total/NA  | Analysis   | 8015B        |     | 2000       | 5 mL           | 5 mL         | 625217       | 05/17/23 15:11       | SAB     | EET PEN |
| Total/NA  | Prep       | 3546         |     |            | 15.02 g        | 1 mL         | 624994       | 05/15/23 23:46       | JTC     | EET PEN |
| Total/NA  | Analysis   | 8015B        |     | 1          | 1 mL           | 1 mL         | 625137       | 05/17/23 21:29       | MP      | EET PEN |
| Soluble   | Leach      | DI Leach     |     |            | 2.538 g        | 50 mL        | 624911       | 05/15/23 13:21       | JAW     | EET PEN |
| Soluble   | Analysis   | 300.0        |     | 1          | 10 mL          | 10 mL        | 625450       | 05/18/23 15:03       | JAW     | EET PEN |

Client Sample ID: SB04 20FT

Lab Sample ID: 400-237360-23

Date Collected: 05/02/23 14:40

Matrix: Solid

Date Received: 05/09/23 08:50

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab     |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Total/NA  | Analysis   | Moisture     |     | 1          |                |              | 624402       | 05/11/23 14:21       | TMP     | EET PEN |

Client Sample ID: SB04 20FT

Lab Sample ID: 400-237360-23

Date Collected: 05/02/23 14:40

Matrix: Solid

Date Received: 05/09/23 08:50

Percent Solids: 97.6

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab     |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Total/NA  | Prep       | 5035         |     |            | 4.93 g         | 5.00 g       | 624916       | 05/15/23 10:27       | AGW     | EET PEN |
| Total/NA  | Analysis   | 8260B        |     | 1          | 5 mL           | 5 mL         | 624840       | 05/15/23 14:06       | AGW     | EET PEN |
| Total/NA  | Prep       | 5035         |     |            | 5.48 g         | 5.00 g       | 625065       | 05/15/23 10:45       | PD      | EET PEN |
| Total/NA  | Analysis   | 8015B        |     | 50         | 5 mL           | 5 mL         | 624856       | 05/15/23 15:25       | SAB     | EET PEN |
| Total/NA  | Prep       | 3546         |     |            | 15.30 g        | 1 mL         | 624994       | 05/15/23 23:46       | JTC     | EET PEN |
| Total/NA  | Analysis   | 8015B        |     | 1          | 1 mL           | 1 mL         | 625335       | 05/17/23 23:08       | MP      | EET PEN |
| Soluble   | Leach      | DI Leach     |     |            | 2.548 g        | 50 mL        | 624911       | 05/15/23 13:21       | JAW     | EET PEN |
| Soluble   | Analysis   | 300.0        |     | 1          | 10 mL          | 10 mL        | 625450       | 05/18/23 15:23       | JAW     | EET PEN |

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## Lab Chronicle

Client: Stantec Consulting Services Inc  
Project/Site: Blanco Field North Flare Pit.00

Job ID: 400-237360-1  
SDG: Kutz Area

Client Sample ID: Method Blank

Lab Sample ID: MB 400-624435/2-A

Date Collected: N/A

Matrix: Solid

Date Received: N/A

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab     |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Total/NA  | Prep       | 5035         |     |            | 5.00 g         | 5.00 g       | 624435       | 05/11/23 10:28       | BJ      | EET PEN |
| Total/NA  | Analysis   | 8015B        |     | 1          | 5 mL           | 5 mL         | 624426       | 05/11/23 11:23       | SAB     | EET PEN |

Client Sample ID: Method Blank

Lab Sample ID: MB 400-624490/1-A

Date Collected: N/A

Matrix: Solid

Date Received: N/A

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab     |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Soluble   | Leach      | DI Leach     |     |            | 2.519 g        | 50 mL        | 624490       | 05/11/23 13:50       | JAW     | EET PEN |
| Soluble   | Analysis   | 300.0        |     | 1          | 10 mL          | 10 mL        | 624556       | 05/11/23 23:12       | JAW     | EET PEN |

Client Sample ID: Method Blank

Lab Sample ID: MB 400-624587/1-A

Date Collected: N/A

Matrix: Solid

Date Received: N/A

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab     |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Total/NA  | Prep       | 3546         |     |            | 15.00 g        | 1 mL         | 624587       | 05/12/23 08:38       | LH      | EET PEN |
| Total/NA  | Analysis   | 8015B        |     | 1          | 1 mL           | 1 mL         | 624686       | 05/12/23 15:49       | MP      | EET PEN |

Client Sample ID: Method Blank

Lab Sample ID: MB 400-624650/2-A

Date Collected: N/A

Matrix: Solid

Date Received: N/A

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab     |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Total/NA  | Prep       | 5035         |     |            | 5.00 g         | 5.00 g       | 624650       | 05/12/23 09:01       | BJ      | EET PEN |
| Total/NA  | Analysis   | 8015B        |     | 1          | 5 mL           | 5 mL         | 624598       | 05/12/23 09:53       | SAB     | EET PEN |

Client Sample ID: Method Blank

Lab Sample ID: MB 400-624911/1-A

Date Collected: N/A

Matrix: Solid

Date Received: N/A

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab     |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Soluble   | Leach      | DI Leach     |     |            | 2.493 g        | 50 mL        | 624911       | 05/15/23 13:21       | JAW     | EET PEN |
| Soluble   | Analysis   | 300.0        |     | 1          | 10 mL          | 10 mL        | 625158       | 05/16/23 23:06       | JAW     | EET PEN |

Client Sample ID: Method Blank

Lab Sample ID: MB 400-624916/24-A

Date Collected: N/A

Matrix: Solid

Date Received: N/A

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab     |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Total/NA  | Prep       | 5035         |     |            | 5.00 g         | 5.00 g       | 624916       | 05/15/23 10:27       | AGW     | EET PEN |
| Total/NA  | Analysis   | 8260B        |     | 1          | 5 mL           | 5 mL         | 624840       | 05/15/23 13:25       | AGW     | EET PEN |

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## Lab Chronicle

Client: Stantec Consulting Services Inc  
Project/Site: Blanco Field North Flare Pit.00

Job ID: 400-237360-1  
SDG: Kutz Area

Client Sample ID: Method Blank

Lab Sample ID: MB 400-624994/1-A

Date Collected: N/A

Matrix: Solid

Date Received: N/A

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab     |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Total/NA  | Prep       | 3546         |     |            | 15.00 g        | 1 mL         | 624994       | 05/15/23 23:45       | JTC     | EET PEN |
| Total/NA  | Analysis   | 8015B        |     | 1          | 1 mL           | 1 mL         | 625137       | 05/17/23 15:27       | MP      | EET PEN |

Client Sample ID: Method Blank

Lab Sample ID: MB 400-625065/2-A

Date Collected: N/A

Matrix: Solid

Date Received: N/A

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab     |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Total/NA  | Prep       | 5035         |     |            | 5.00 g         | 5.00 g       | 625065       | 05/15/23 10:45       | PD      | EET PEN |
| Total/NA  | Analysis   | 8015B        |     | 1          | 5 mL           | 5 mL         | 624856       | 05/15/23 14:33       | SAB     | EET PEN |

Client Sample ID: Method Blank

Lab Sample ID: MB 400-625074/2-A

Date Collected: N/A

Matrix: Solid

Date Received: N/A

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab     |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Total/NA  | Prep       | 5035         |     |            | 5.00 g         | 5.00 g       | 625074       | 05/16/23 09:02       | BPO     | EET PEN |
| Total/NA  | Analysis   | 8260B        |     | 1          | 5 mL           | 5 mL         | 625013       | 05/16/23 10:53       | BPO     | EET PEN |

Client Sample ID: Method Blank

Lab Sample ID: MB 400-625242/2-A

Date Collected: N/A

Matrix: Solid

Date Received: N/A

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab     |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Total/NA  | Prep       | 5035         |     |            | 5.00 g         | 5.00 g       | 625242       | 05/17/23 09:01       | JE      | EET PEN |
| Total/NA  | Analysis   | 8260B        |     | 1          | 5 mL           | 5 mL         | 625205       | 05/17/23 10:40       | JE      | EET PEN |

Client Sample ID: Method Blank

Lab Sample ID: MB 400-625250/2-A

Date Collected: N/A

Matrix: Solid

Date Received: N/A

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab     |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Total/NA  | Prep       | 5035         |     |            | 5.00 g         | 5.00 g       | 625250       | 05/17/23 10:49       | SAB     | EET PEN |
| Total/NA  | Analysis   | 8015B        |     | 1          | 5 mL           | 5 mL         | 625217       | 05/17/23 12:07       | SAB     | EET PEN |

Client Sample ID: Method Blank

Lab Sample ID: MB 400-625374/2-A

Date Collected: N/A

Matrix: Solid

Date Received: N/A

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab     |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Total/NA  | Prep       | 5035         |     |            | 5.00 g         | 5.00 g       | 625374       | 05/16/23 09:36       | BJ      | EET PEN |
| Total/NA  | Analysis   | 8015B        |     | 1          | 5 mL           | 5 mL         | 625024       | 05/16/23 10:48       | SAB     | EET PEN |

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## Lab Chronicle

Client: Stantec Consulting Services Inc  
Project/Site: Blanco Field North Flare Pit.00

Job ID: 400-237360-1  
SDG: Kutz Area

## Client Sample ID: Method Blank

## Lab Sample ID: MB 400-625484/24-A

Date Collected: N/A

Matrix: Solid

Date Received: N/A

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab     |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Total/NA  | Prep       | 5035         |     |            | 5.00 g         | 5.00 g       | 625484       | 05/18/23 12:00       | AGW     | EET PEN |
| Total/NA  | Analysis   | 8260B        |     | 1          | 5 mL           | 5 mL         | 625402       | 05/18/23 13:39       | BPO     | EET PEN |

## Client Sample ID: Method Blank

## Lab Sample ID: MB 400-625640/22-A

Date Collected: N/A

Matrix: Solid

Date Received: N/A

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab     |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Total/NA  | Prep       | 5035         |     |            | 5.00 g         | 5.00 g       | 625640       | 05/19/23 09:16       | AGW     | EET PEN |
| Total/NA  | Analysis   | 8260B        |     | 1          | 5 mL           | 5 mL         | 625587       | 05/19/23 10:56       | BPO     | EET PEN |

## Client Sample ID: Lab Control Sample

## Lab Sample ID: LCS 400-624435/1-A

Date Collected: N/A

Matrix: Solid

Date Received: N/A

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab     |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Total/NA  | Prep       | 5035         |     |            | 5.00 g         | 5.00 g       | 624435       | 05/11/23 10:28       | BJ      | EET PEN |
| Total/NA  | Analysis   | 8015B        |     | 1          | 5 mL           | 5 mL         | 624426       | 05/11/23 10:56       | SAB     | EET PEN |

## Client Sample ID: Lab Control Sample

## Lab Sample ID: LCS 400-624490/2-A

Date Collected: N/A

Matrix: Solid

Date Received: N/A

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab     |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Soluble   | Leach      | DI Leach     |     |            | 2.522 g        | 50.75 mL     | 624490       | 05/11/23 13:50       | JAW     | EET PEN |
| Soluble   | Analysis   | 300.0        |     | 1          | 10 mL          | 10 mL        | 624556       | 05/11/23 23:32       | JAW     | EET PEN |

## Client Sample ID: Lab Control Sample

## Lab Sample ID: LCS 400-624587/2-A

Date Collected: N/A

Matrix: Solid

Date Received: N/A

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab     |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Total/NA  | Prep       | 3546         |     |            | 15.00 g        | 1 mL         | 624587       | 05/12/23 08:38       | LH      | EET PEN |
| Total/NA  | Analysis   | 8015B        |     | 1          | 1 mL           | 1 mL         | 624686       | 05/12/23 16:23       | MP      | EET PEN |

## Client Sample ID: Lab Control Sample

## Lab Sample ID: LCS 400-624650/1-A

Date Collected: N/A

Matrix: Solid

Date Received: N/A

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab     |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Total/NA  | Prep       | 5035         |     |            | 5.00 g         | 5.00 g       | 624650       | 05/12/23 09:01       | BJ      | EET PEN |
| Total/NA  | Analysis   | 8015B        |     | 1          | 5 mL           | 5 mL         | 624598       | 05/12/23 09:27       | SAB     | EET PEN |

Eurofins Pensacola

## Lab Chronicle

Client: Stantec Consulting Services Inc  
Project/Site: Blanco Field North Flare Pit.00

Job ID: 400-237360-1  
SDG: Kutz Area

Client Sample ID: Lab Control Sample

Lab Sample ID: LCS 400-624911/2-A

Date Collected: N/A

Matrix: Solid

Date Received: N/A

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab     |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Soluble   | Leach      | DI Leach     |     |            | 2.508 g        | 50.75 mL     | 624911       | 05/15/23 13:21       | JAW     | EET PEN |
| Soluble   | Analysis   | 300.0        |     | 1          | 10 mL          | 10 mL        | 625158       | 05/16/23 23:26       | JAW     | EET PEN |

Client Sample ID: Lab Control Sample

Lab Sample ID: LCS 400-624916/22-A

Date Collected: N/A

Matrix: Solid

Date Received: N/A

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab     |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Total/NA  | Prep       | 5035         |     |            | 5.00 g         | 5.00 g       | 624916       | 05/15/23 10:27       | AGW     | EET PEN |
| Total/NA  | Analysis   | 8260B        |     | 1          | 5 mL           | 5 mL         | 624840       | 05/15/23 12:30       | AGW     | EET PEN |

Client Sample ID: Lab Control Sample

Lab Sample ID: LCS 400-624994/2-A

Date Collected: N/A

Matrix: Solid

Date Received: N/A

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab     |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Total/NA  | Prep       | 3546         |     |            | 15.00 g        | 1 mL         | 624994       | 05/15/23 23:45       | JTC     | EET PEN |
| Total/NA  | Analysis   | 8015B        |     | 1          | 1 mL           | 1 mL         | 625137       | 05/17/23 16:01       | MP      | EET PEN |

Client Sample ID: Lab Control Sample

Lab Sample ID: LCS 400-625065/1-A

Date Collected: N/A

Matrix: Solid

Date Received: N/A

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab     |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Total/NA  | Prep       | 5035         |     |            | 5.00 g         | 5.00 g       | 625065       | 05/15/23 10:45       | PD      | EET PEN |
| Total/NA  | Analysis   | 8015B        |     | 1          | 5 mL           | 5 mL         | 624856       | 05/15/23 11:14       | SAB     | EET PEN |

Client Sample ID: Lab Control Sample

Lab Sample ID: LCS 400-625074/1-A

Date Collected: N/A

Matrix: Solid

Date Received: N/A

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab     |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Total/NA  | Prep       | 5035         |     |            | 5.00 g         | 5.00 g       | 625074       | 05/16/23 09:02       | BPO     | EET PEN |
| Total/NA  | Analysis   | 8260B        |     | 1          | 5 mL           | 5 mL         | 625013       | 05/16/23 09:48       | BPO     | EET PEN |

Client Sample ID: Lab Control Sample

Lab Sample ID: LCS 400-625242/1-A

Date Collected: N/A

Matrix: Solid

Date Received: N/A

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab     |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Total/NA  | Prep       | 5035         |     |            | 5.00 g         | 5.00 g       | 625242       | 05/17/23 09:01       | JE      | EET PEN |
| Total/NA  | Analysis   | 8260B        |     | 1          | 5 mL           | 5 mL         | 625205       | 05/17/23 15:12       | JE      | EET PEN |

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## Lab Chronicle

Client: Stantec Consulting Services Inc  
Project/Site: Blanco Field North Flare Pit.00

Job ID: 400-237360-1  
SDG: Kutz Area

Client Sample ID: Lab Control Sample

Lab Sample ID: LCS 400-625250/1-A

Date Collected: N/A

Matrix: Solid

Date Received: N/A

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab     |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Total/NA  | Prep       | 5035         |     |            | 5.00 g         | 5.00 g       | 625250       | 05/17/23 10:49       | SAB     | EET PEN |
| Total/NA  | Analysis   | 8015B        |     | 1          | 5 mL           | 5 mL         | 625217       | 05/17/23 11:46       | SAB     | EET PEN |

Client Sample ID: Lab Control Sample

Lab Sample ID: LCS 400-625374/1-A

Date Collected: N/A

Matrix: Solid

Date Received: N/A

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab     |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Total/NA  | Prep       | 5035         |     |            | 5.00 g         | 5.00 g       | 625374       | 05/16/23 09:36       | BJ      | EET PEN |
| Total/NA  | Analysis   | 8015B        |     | 1          | 5 mL           | 5 mL         | 625024       | 05/16/23 10:29       | SAB     | EET PEN |

Client Sample ID: Lab Control Sample

Lab Sample ID: LCS 400-625484/22-A

Date Collected: N/A

Matrix: Solid

Date Received: N/A

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab     |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Total/NA  | Prep       | 5035         |     |            | 5.00 g         | 5.00 g       | 625484       | 05/18/23 12:00       | AGW     | EET PEN |
| Total/NA  | Analysis   | 8260B        |     | 1          | 5 mL           | 5 mL         | 625402       | 05/18/23 12:37       | BPO     | EET PEN |

Client Sample ID: Lab Control Sample

Lab Sample ID: LCS 400-625640/20-A

Date Collected: N/A

Matrix: Solid

Date Received: N/A

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab     |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Total/NA  | Prep       | 5035         |     |            | 5.00 g         | 5.00 g       | 625640       | 05/19/23 09:16       | AGW     | EET PEN |
| Total/NA  | Analysis   | 8260B        |     | 1          | 5 mL           | 5 mL         | 625587       | 05/19/23 09:54       | BPO     | EET PEN |

Client Sample ID: Lab Control Sample Dup

Lab Sample ID: LCSD 400-624490/3-A

Date Collected: N/A

Matrix: Solid

Date Received: N/A

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab     |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Soluble   | Leach      | DI Leach     |     |            | 2.501 g        | 50.75 mL     | 624490       | 05/11/23 13:50       | JAW     | EET PEN |
| Soluble   | Analysis   | 300.0        |     | 1          | 10 mL          | 10 mL        | 624556       | 05/11/23 23:52       | JAW     | EET PEN |

Client Sample ID: Lab Control Sample Dup

Lab Sample ID: LCSD 400-624911/3-A

Date Collected: N/A

Matrix: Solid

Date Received: N/A

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab     |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Soluble   | Leach      | DI Leach     |     |            | 2.530 g        | 50.75 mL     | 624911       | 05/15/23 13:21       | JAW     | EET PEN |
| Soluble   | Analysis   | 300.0        |     | 1          | 10 mL          | 10 mL        | 625158       | 05/16/23 23:46       | JAW     | EET PEN |

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## Lab Chronicle

Client: Stantec Consulting Services Inc  
Project/Site: Blanco Field North Flare Pit.00

Job ID: 400-237360-1  
SDG: Kutz Area

**Client Sample ID: SB04 65FT****Date Collected: 05/03/23 12:20****Date Received: 05/09/23 08:50****Lab Sample ID: 400-237360-3 MS****Matrix: Solid****Percent Solids: 89.4**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab     |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Total/NA  | Prep       | 5035         |     |            | 5.21 g         | 5.00 g       | 625065       | 05/15/23 10:45       | PD      | EET PEN |
| Total/NA  | Analysis   | 8015B        |     | 50         | 5 mL           | 5 mL         | 624856       | 05/15/23 16:45       | SAB     | EET PEN |

**Client Sample ID: SB04 65FT****Date Collected: 05/03/23 12:20****Date Received: 05/09/23 08:50****Lab Sample ID: 400-237360-3 MSD****Matrix: Solid****Percent Solids: 89.4**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab     |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Total/NA  | Prep       | 5035         |     |            | 5.21 g         | 5.00 g       | 625065       | 05/15/23 10:45       | PD      | EET PEN |
| Total/NA  | Analysis   | 8015B        |     | 50         | 5 mL           | 5 mL         | 624856       | 05/15/23 17:11       | SAB     | EET PEN |

**Client Sample ID: SB05 27FT****Date Collected: 05/04/23 08:50****Date Received: 05/09/23 08:50****Lab Sample ID: 400-237360-4 MS****Matrix: Solid****Percent Solids: 87.7**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab     |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Total/NA  | Prep       | 5035         |     |            | 5.02 g         | 5.00 g       | 625074       | 05/16/23 09:02       | BPO     | EET PEN |
| Total/NA  | Analysis   | 8260B        |     | 1          | 5 mL           | 5 mL         | 625013       | 05/16/23 13:46       | BPO     | EET PEN |

**Client Sample ID: SB05 27FT****Date Collected: 05/04/23 08:50****Date Received: 05/09/23 08:50****Lab Sample ID: 400-237360-4 MSD****Matrix: Solid****Percent Solids: 87.7**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab     |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Total/NA  | Prep       | 5035         |     |            | 5.02 g         | 5.00 g       | 625074       | 05/16/23 09:02       | BPO     | EET PEN |
| Total/NA  | Analysis   | 8260B        |     | 1          | 5 mL           | 5 mL         | 625013       | 05/16/23 14:10       | BPO     | EET PEN |

**Client Sample ID: SB06 18FT****Date Collected: 05/05/23 16:40****Date Received: 05/09/23 08:50****Lab Sample ID: 400-237360-7 MS****Matrix: Solid****Percent Solids: 91.4**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab     |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Total/NA  | Prep       | 3546         |     |            | 15.06 g        | 1 mL         | 624994       | 05/15/23 23:46       | JTC     | EET PEN |
| Total/NA  | Analysis   | 8015B        |     | 1          | 1 mL           | 1 mL         | 625137       | 05/17/23 16:37       | MP      | EET PEN |

**Client Sample ID: SB06 18FT****Date Collected: 05/05/23 16:40****Date Received: 05/09/23 08:50****Lab Sample ID: 400-237360-7 MSD****Matrix: Solid****Percent Solids: 91.4**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab     |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Total/NA  | Prep       | 3546         |     |            | 15.20 g        | 1 mL         | 624994       | 05/15/23 23:46       | JTC     | EET PEN |
| Total/NA  | Analysis   | 8015B        |     | 1          | 1 mL           | 1 mL         | 625137       | 05/17/23 16:56       | MP      | EET PEN |

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## Lab Chronicle

Client: Stantec Consulting Services Inc  
Project/Site: Blanco Field North Flare Pit.00

Job ID: 400-237360-1  
SDG: Kutz Area

**Client Sample ID: SB06 69FT****Date Collected: 05/06/23 10:40****Date Received: 05/09/23 08:50****Lab Sample ID: 400-237360-10 MS****Matrix: Solid****Percent Solids: 91.5**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab     |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Soluble   | Leach      | DI Leach     |     |            | 2.521 g        | 50.75 mL     | 624911       | 05/15/23 13:21       | JAW     | EET PEN |
| Soluble   | Analysis   | 300.0        |     | 1          | 10 mL          | 10 mL        | 625158       | 05/17/23 00:26       | JAW     | EET PEN |

**Client Sample ID: SB06 69FT****Date Collected: 05/06/23 10:40****Date Received: 05/09/23 08:50****Lab Sample ID: 400-237360-10 MSD****Matrix: Solid****Percent Solids: 91.5**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab     |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Soluble   | Leach      | DI Leach     |     |            | 2.506 g        | 50.75 mL     | 624911       | 05/15/23 13:21       | JAW     | EET PEN |
| Soluble   | Analysis   | 300.0        |     | 1          | 10 mL          | 10 mL        | 625158       | 05/17/23 00:45       | JAW     | EET PEN |

**Client Sample ID: SB08 16FT****Date Collected: 05/04/23 16:10****Date Received: 05/09/23 08:50****Lab Sample ID: 400-237360-13 MS****Matrix: Solid****Percent Solids: 97.1**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab     |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Total/NA  | Prep       | 5035         |     |            | 5.13 g         | 5.00 g       | 625242       | 05/17/23 09:01       | JE      | EET PEN |
| Total/NA  | Analysis   | 8260B        |     | 1          | 5 mL           | 5 mL         | 625205       | 05/17/23 15:36       | JE      | EET PEN |
| Total/NA  | Prep       | 5035         |     |            | 5.31 g         | 5.00 g       | 624650       | 05/12/23 09:01       | BJ      | EET PEN |
| Total/NA  | Analysis   | 8015B        |     | 50         | 5 mL           | 5 mL         | 624598       | 05/12/23 19:49       | SAB     | EET PEN |

**Client Sample ID: SB08 16FT****Date Collected: 05/04/23 16:10****Date Received: 05/09/23 08:50****Lab Sample ID: 400-237360-13 MSD****Matrix: Solid****Percent Solids: 97.1**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab     |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Total/NA  | Prep       | 5035         |     |            | 5.12 g         | 5.00 g       | 625242       | 05/17/23 09:01       | JE      | EET PEN |
| Total/NA  | Analysis   | 8260B        |     | 1          | 5 mL           | 5 mL         | 625205       | 05/17/23 16:01       | JE      | EET PEN |
| Total/NA  | Prep       | 5035         |     |            | 5.31 g         | 5.00 g       | 624650       | 05/12/23 09:01       | BJ      | EET PEN |
| Total/NA  | Analysis   | 8015B        |     | 50         | 5 mL           | 5 mL         | 624598       | 05/12/23 20:16       | SAB     | EET PEN |

**Client Sample ID: SB07 19FT****Date Collected: 05/05/23 10:20****Date Received: 05/09/23 08:50****Lab Sample ID: 400-237360-18 MS****Matrix: Solid****Percent Solids: 97.4**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab     |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Total/NA  | Prep       | 5035         |     |            | 5.33 g         | 5.00 g       | 625374       | 05/16/23 09:36       | BJ      | EET PEN |
| Total/NA  | Analysis   | 8015B        |     | 50         | 5 mL           | 5 mL         | 625024       | 05/16/23 13:21       | SAB     | EET PEN |

**Client Sample ID: SB07 19FT****Date Collected: 05/05/23 10:20****Date Received: 05/09/23 08:50****Lab Sample ID: 400-237360-18 MSD****Matrix: Solid****Percent Solids: 97.4**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab     |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Total/NA  | Prep       | 5035         |     |            | 5.33 g         | 5.00 g       | 625374       | 05/16/23 09:36       | BJ      | EET PEN |
| Total/NA  | Analysis   | 8015B        |     | 50         | 5 mL           | 5 mL         | 625024       | 05/16/23 13:48       | SAB     | EET PEN |

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Lab Chronicle

Client: Stantec Consulting Services Inc  
Project/Site: Blanco Field North Flare Pit.00

Job ID: 400-237360-1  
SDG: Kutz Area

Client Sample ID: SB04 20FT  
Date Collected: 05/02/23 14:40  
Date Received: 05/09/23 08:50

Lab Sample ID: 400-237360-23 MS  
Matrix: Solid  
Percent Solids: 97.6

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab     |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Total/NA  | Prep       | 5035         |     |            | 4.97 g         | 5.00 g       | 624916       | 05/15/23 10:27       | AGW     | EET PEN |
| Total/NA  | Analysis   | 8260B        |     | 1          | 5 mL           | 5 mL         | 624840       | 05/15/23 15:51       | AGW     | EET PEN |

Client Sample ID: SB04 20FT  
Date Collected: 05/02/23 14:40  
Date Received: 05/09/23 08:50

Lab Sample ID: 400-237360-23 MSD  
Matrix: Solid  
Percent Solids: 97.6

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab     |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Total/NA  | Prep       | 5035         |     |            | 4.98 g         | 5.00 g       | 624916       | 05/15/23 10:27       | AGW     | EET PEN |
| Total/NA  | Analysis   | 8260B        |     | 1          | 5 mL           | 5 mL         | 624840       | 05/15/23 16:11       | AGW     | EET PEN |

Client Sample ID: SB05 27FT  
Date Collected: 05/04/23 08:50  
Date Received: 05/09/23 08:50

Lab Sample ID: 400-237360-4 DU  
Matrix: Solid

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab     |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Total/NA  | Analysis   | Moisture     |     | 1          |                |              | 624754       | 05/13/23 08:22       | AW      | EET PEN |

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

## QC Association Summary

Client: Stantec Consulting Services Inc  
Project/Site: Blanco Field North Flare Pit.00

Job ID: 400-237360-1  
SDG: Kutz Area

## GC/MS VOA

## Analysis Batch: 624840

| Lab Sample ID       | Client Sample ID   | Prep Type | Matrix | Method | Prep Batch |
|---------------------|--------------------|-----------|--------|--------|------------|
| 400-237360-1        | SB04 30FT          | Total/NA  | Solid  | 8260B  | 624916     |
| 400-237360-23       | SB04 20FT          | Total/NA  | Solid  | 8260B  | 624916     |
| MB 400-624916/24-A  | Method Blank       | Total/NA  | Solid  | 8260B  | 624916     |
| LCS 400-624916/22-A | Lab Control Sample | Total/NA  | Solid  | 8260B  | 624916     |
| 400-237360-23 MS    | SB04 20FT          | Total/NA  | Solid  | 8260B  | 624916     |
| 400-237360-23 MSD   | SB04 20FT          | Total/NA  | Solid  | 8260B  | 624916     |

## Prep Batch: 624916

| Lab Sample ID       | Client Sample ID   | Prep Type | Matrix | Method | Prep Batch |
|---------------------|--------------------|-----------|--------|--------|------------|
| 400-237360-1        | SB04 30FT          | Total/NA  | Solid  | 5035   |            |
| 400-237360-23       | SB04 20FT          | Total/NA  | Solid  | 5035   |            |
| MB 400-624916/24-A  | Method Blank       | Total/NA  | Solid  | 5035   |            |
| LCS 400-624916/22-A | Lab Control Sample | Total/NA  | Solid  | 5035   |            |
| 400-237360-23 MS    | SB04 20FT          | Total/NA  | Solid  | 5035   |            |
| 400-237360-23 MSD   | SB04 20FT          | Total/NA  | Solid  | 5035   |            |

## Analysis Batch: 625013

| Lab Sample ID      | Client Sample ID   | Prep Type | Matrix | Method | Prep Batch |
|--------------------|--------------------|-----------|--------|--------|------------|
| 400-237360-2       | SB04 57FT          | Total/NA  | Solid  | 8260B  | 625074     |
| 400-237360-3       | SB04 65FT          | Total/NA  | Solid  | 8260B  | 625074     |
| 400-237360-4       | SB05 27FT          | Total/NA  | Solid  | 8260B  | 625074     |
| MB 400-625074/2-A  | Method Blank       | Total/NA  | Solid  | 8260B  | 625074     |
| LCS 400-625074/1-A | Lab Control Sample | Total/NA  | Solid  | 8260B  | 625074     |
| 400-237360-4 MS    | SB05 27FT          | Total/NA  | Solid  | 8260B  | 625074     |
| 400-237360-4 MSD   | SB05 27FT          | Total/NA  | Solid  | 8260B  | 625074     |

## Prep Batch: 625074

| Lab Sample ID      | Client Sample ID   | Prep Type | Matrix | Method | Prep Batch |
|--------------------|--------------------|-----------|--------|--------|------------|
| 400-237360-2       | SB04 57FT          | Total/NA  | Solid  | 5035   |            |
| 400-237360-3       | SB04 65FT          | Total/NA  | Solid  | 5035   |            |
| 400-237360-4       | SB05 27FT          | Total/NA  | Solid  | 5035   |            |
| MB 400-625074/2-A  | Method Blank       | Total/NA  | Solid  | 5035   |            |
| LCS 400-625074/1-A | Lab Control Sample | Total/NA  | Solid  | 5035   |            |
| 400-237360-4 MS    | SB05 27FT          | Total/NA  | Solid  | 5035   |            |
| 400-237360-4 MSD   | SB05 27FT          | Total/NA  | Solid  | 5035   |            |

## Analysis Batch: 625205

| Lab Sample ID      | Client Sample ID   | Prep Type | Matrix | Method | Prep Batch |
|--------------------|--------------------|-----------|--------|--------|------------|
| 400-237360-5       | SB05 57FT          | Total/NA  | Solid  | 8260B  | 625242     |
| 400-237360-6       | SB05 60FT          | Total/NA  | Solid  | 8260B  | 625242     |
| 400-237360-13      | SB08 16FT          | Total/NA  | Solid  | 8260B  | 625242     |
| 400-237360-14      | SB08 30FT          | Total/NA  | Solid  | 8260B  | 625242     |
| 400-237360-15      | SB08 37FT          | Total/NA  | Solid  | 8260B  | 625242     |
| 400-237360-16      | SB08 44FT          | Total/NA  | Solid  | 8260B  | 625242     |
| 400-237360-17      | SB08 55FT          | Total/NA  | Solid  | 8260B  | 625242     |
| MB 400-625242/2-A  | Method Blank       | Total/NA  | Solid  | 8260B  | 625242     |
| LCS 400-625242/1-A | Lab Control Sample | Total/NA  | Solid  | 8260B  | 625242     |
| 400-237360-13 MS   | SB08 16FT          | Total/NA  | Solid  | 8260B  | 625242     |
| 400-237360-13 MSD  | SB08 16FT          | Total/NA  | Solid  | 8260B  | 625242     |

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## QC Association Summary

Client: Stantec Consulting Services Inc  
Project/Site: Blanco Field North Flare Pit.00

Job ID: 400-237360-1  
SDG: Kutz Area

## GC/MS VOA

## Prep Batch: 625242

| Lab Sample ID      | Client Sample ID   | Prep Type | Matrix | Method | Prep Batch |
|--------------------|--------------------|-----------|--------|--------|------------|
| 400-237360-5       | SB05 57FT          | Total/NA  | Solid  | 5035   |            |
| 400-237360-6       | SB05 60FT          | Total/NA  | Solid  | 5035   |            |
| 400-237360-13      | SB08 16FT          | Total/NA  | Solid  | 5035   |            |
| 400-237360-14      | SB08 30FT          | Total/NA  | Solid  | 5035   |            |
| 400-237360-15      | SB08 37FT          | Total/NA  | Solid  | 5035   |            |
| 400-237360-16      | SB08 44FT          | Total/NA  | Solid  | 5035   |            |
| 400-237360-17      | SB08 55FT          | Total/NA  | Solid  | 5035   |            |
| MB 400-625242/2-A  | Method Blank       | Total/NA  | Solid  | 5035   |            |
| LCS 400-625242/1-A | Lab Control Sample | Total/NA  | Solid  | 5035   |            |
| 400-237360-13 MS   | SB08 16FT          | Total/NA  | Solid  | 5035   |            |
| 400-237360-13 MSD  | SB08 16FT          | Total/NA  | Solid  | 5035   |            |

## Analysis Batch: 625402

| Lab Sample ID       | Client Sample ID   | Prep Type | Matrix | Method | Prep Batch |
|---------------------|--------------------|-----------|--------|--------|------------|
| 400-237360-7        | SB06 18FT          | Total/NA  | Solid  | 8260B  | 625484     |
| 400-237360-8        | SB06 30FT          | Total/NA  | Solid  | 8260B  | 625484     |
| 400-237360-9        | SB06 58FT          | Total/NA  | Solid  | 8260B  | 625484     |
| 400-237360-10       | SB06 69FT          | Total/NA  | Solid  | 8260B  | 625484     |
| 400-237360-11       | MW60 27FT          | Total/NA  | Solid  | 8260B  | 625484     |
| 400-237360-12       | MW60 63FT          | Total/NA  | Solid  | 8260B  | 625484     |
| 400-237360-18       | SB07 19FT          | Total/NA  | Solid  | 8260B  | 625484     |
| 400-237360-19       | SB07 29FT          | Total/NA  | Solid  | 8260B  | 625484     |
| 400-237360-20       | SB07 42FT          | Total/NA  | Solid  | 8260B  | 625484     |
| 400-237360-21       | SB07 51FT          | Total/NA  | Solid  | 8260B  | 625484     |
| 400-237360-22       | SB07 61FT          | Total/NA  | Solid  | 8260B  | 625484     |
| MB 400-625484/24-A  | Method Blank       | Total/NA  | Solid  | 8260B  | 625484     |
| LCS 400-625484/22-A | Lab Control Sample | Total/NA  | Solid  | 8260B  | 625484     |

## Prep Batch: 625484

| Lab Sample ID       | Client Sample ID   | Prep Type | Matrix | Method | Prep Batch |
|---------------------|--------------------|-----------|--------|--------|------------|
| 400-237360-7        | SB06 18FT          | Total/NA  | Solid  | 5035   |            |
| 400-237360-8        | SB06 30FT          | Total/NA  | Solid  | 5035   |            |
| 400-237360-9        | SB06 58FT          | Total/NA  | Solid  | 5035   |            |
| 400-237360-10       | SB06 69FT          | Total/NA  | Solid  | 5035   |            |
| 400-237360-11       | MW60 27FT          | Total/NA  | Solid  | 5035   |            |
| 400-237360-12       | MW60 63FT          | Total/NA  | Solid  | 5035   |            |
| 400-237360-18       | SB07 19FT          | Total/NA  | Solid  | 5035   |            |
| 400-237360-19       | SB07 29FT          | Total/NA  | Solid  | 5035   |            |
| 400-237360-20       | SB07 42FT          | Total/NA  | Solid  | 5035   |            |
| 400-237360-21       | SB07 51FT          | Total/NA  | Solid  | 5035   |            |
| 400-237360-22       | SB07 61FT          | Total/NA  | Solid  | 5035   |            |
| MB 400-625484/24-A  | Method Blank       | Total/NA  | Solid  | 5035   |            |
| LCS 400-625484/22-A | Lab Control Sample | Total/NA  | Solid  | 5035   |            |

## Analysis Batch: 625587

| Lab Sample ID       | Client Sample ID   | Prep Type | Matrix | Method | Prep Batch |
|---------------------|--------------------|-----------|--------|--------|------------|
| 400-237360-22 - DL  | SB07 61FT          | Total/NA  | Solid  | 8260B  | 625640     |
| MB 400-625640/22-A  | Method Blank       | Total/NA  | Solid  | 8260B  | 625640     |
| LCS 400-625640/20-A | Lab Control Sample | Total/NA  | Solid  | 8260B  | 625640     |

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## QC Association Summary

Client: Stantec Consulting Services Inc  
Project/Site: Blanco Field North Flare Pit.00

Job ID: 400-237360-1  
SDG: Kutz Area

## GC/MS VOA

## Prep Batch: 625640

| Lab Sample ID       | Client Sample ID   | Prep Type | Matrix | Method | Prep Batch |
|---------------------|--------------------|-----------|--------|--------|------------|
| 400-237360-22 - DL  | SB07 61FT          | Total/NA  | Solid  | 5035   |            |
| MB 400-625640/22-A  | Method Blank       | Total/NA  | Solid  | 5035   |            |
| LCS 400-625640/20-A | Lab Control Sample | Total/NA  | Solid  | 5035   |            |

## GC VOA

## Analysis Batch: 624426

| Lab Sample ID      | Client Sample ID   | Prep Type | Matrix | Method | Prep Batch |
|--------------------|--------------------|-----------|--------|--------|------------|
| 400-237360-1       | SB04 30FT          | Total/NA  | Solid  | 8015B  | 624435     |
| 400-237360-2       | SB04 57FT          | Total/NA  | Solid  | 8015B  | 624435     |
| 400-237360-4       | SB05 27FT          | Total/NA  | Solid  | 8015B  | 624435     |
| 400-237360-5       | SB05 57FT          | Total/NA  | Solid  | 8015B  | 624435     |
| 400-237360-6       | SB05 60FT          | Total/NA  | Solid  | 8015B  | 624435     |
| MB 400-624435/2-A  | Method Blank       | Total/NA  | Solid  | 8015B  | 624435     |
| LCS 400-624435/1-A | Lab Control Sample | Total/NA  | Solid  | 8015B  | 624435     |

## Prep Batch: 624435

| Lab Sample ID      | Client Sample ID   | Prep Type | Matrix | Method | Prep Batch |
|--------------------|--------------------|-----------|--------|--------|------------|
| 400-237360-1       | SB04 30FT          | Total/NA  | Solid  | 5035   |            |
| 400-237360-2       | SB04 57FT          | Total/NA  | Solid  | 5035   |            |
| 400-237360-4       | SB05 27FT          | Total/NA  | Solid  | 5035   |            |
| 400-237360-5       | SB05 57FT          | Total/NA  | Solid  | 5035   |            |
| 400-237360-6       | SB05 60FT          | Total/NA  | Solid  | 5035   |            |
| MB 400-624435/2-A  | Method Blank       | Total/NA  | Solid  | 5035   |            |
| LCS 400-624435/1-A | Lab Control Sample | Total/NA  | Solid  | 5035   |            |

## Analysis Batch: 624598

| Lab Sample ID      | Client Sample ID   | Prep Type | Matrix | Method | Prep Batch |
|--------------------|--------------------|-----------|--------|--------|------------|
| 400-237360-9       | SB06 58FT          | Total/NA  | Solid  | 8015B  | 624650     |
| 400-237360-10      | SB06 69FT          | Total/NA  | Solid  | 8015B  | 624650     |
| 400-237360-11      | MW60 27FT          | Total/NA  | Solid  | 8015B  | 624650     |
| 400-237360-12      | MW60 63FT          | Total/NA  | Solid  | 8015B  | 624650     |
| 400-237360-13      | SB08 16FT          | Total/NA  | Solid  | 8015B  | 624650     |
| 400-237360-14      | SB08 30FT          | Total/NA  | Solid  | 8015B  | 624650     |
| 400-237360-15      | SB08 37FT          | Total/NA  | Solid  | 8015B  | 624650     |
| MB 400-624650/2-A  | Method Blank       | Total/NA  | Solid  | 8015B  | 624650     |
| LCS 400-624650/1-A | Lab Control Sample | Total/NA  | Solid  | 8015B  | 624650     |
| 400-237360-13 MS   | SB08 16FT          | Total/NA  | Solid  | 8015B  | 624650     |
| 400-237360-13 MSD  | SB08 16FT          | Total/NA  | Solid  | 8015B  | 624650     |

## Prep Batch: 624650

| Lab Sample ID      | Client Sample ID   | Prep Type | Matrix | Method | Prep Batch |
|--------------------|--------------------|-----------|--------|--------|------------|
| 400-237360-9       | SB06 58FT          | Total/NA  | Solid  | 5035   |            |
| 400-237360-10      | SB06 69FT          | Total/NA  | Solid  | 5035   |            |
| 400-237360-11      | MW60 27FT          | Total/NA  | Solid  | 5035   |            |
| 400-237360-12      | MW60 63FT          | Total/NA  | Solid  | 5035   |            |
| 400-237360-13      | SB08 16FT          | Total/NA  | Solid  | 5035   |            |
| 400-237360-14      | SB08 30FT          | Total/NA  | Solid  | 5035   |            |
| 400-237360-15      | SB08 37FT          | Total/NA  | Solid  | 5035   |            |
| MB 400-624650/2-A  | Method Blank       | Total/NA  | Solid  | 5035   |            |
| LCS 400-624650/1-A | Lab Control Sample | Total/NA  | Solid  | 5035   |            |

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## QC Association Summary

Client: Stantec Consulting Services Inc  
Project/Site: Blanco Field North Flare Pit.00

Job ID: 400-237360-1  
SDG: Kutz Area

## GC VOA (Continued)

## Prep Batch: 624650 (Continued)

| Lab Sample ID     | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|-------------------|------------------|-----------|--------|--------|------------|
| 400-237360-13 MS  | SB08 16FT        | Total/NA  | Solid  | 5035   |            |
| 400-237360-13 MSD | SB08 16FT        | Total/NA  | Solid  | 5035   |            |

## Analysis Batch: 624856

| Lab Sample ID      | Client Sample ID   | Prep Type | Matrix | Method | Prep Batch |
|--------------------|--------------------|-----------|--------|--------|------------|
| 400-237360-3       | SB04 65FT          | Total/NA  | Solid  | 8015B  | 625065     |
| 400-237360-7       | SB06 18FT          | Total/NA  | Solid  | 8015B  | 625065     |
| 400-237360-8       | SB06 30FT          | Total/NA  | Solid  | 8015B  | 625065     |
| 400-237360-23      | SB04 20FT          | Total/NA  | Solid  | 8015B  | 625065     |
| MB 400-625065/2-A  | Method Blank       | Total/NA  | Solid  | 8015B  | 625065     |
| LCS 400-625065/1-A | Lab Control Sample | Total/NA  | Solid  | 8015B  | 625065     |
| 400-237360-3 MS    | SB04 65FT          | Total/NA  | Solid  | 8015B  | 625065     |
| 400-237360-3 MSD   | SB04 65FT          | Total/NA  | Solid  | 8015B  | 625065     |

## Analysis Batch: 625024

| Lab Sample ID      | Client Sample ID   | Prep Type | Matrix | Method | Prep Batch |
|--------------------|--------------------|-----------|--------|--------|------------|
| 400-237360-16      | SB08 44FT          | Total/NA  | Solid  | 8015B  | 625374     |
| 400-237360-17      | SB08 55FT          | Total/NA  | Solid  | 8015B  | 625374     |
| 400-237360-18      | SB07 19FT          | Total/NA  | Solid  | 8015B  | 625374     |
| 400-237360-19      | SB07 29FT          | Total/NA  | Solid  | 8015B  | 625374     |
| 400-237360-20      | SB07 42FT          | Total/NA  | Solid  | 8015B  | 625374     |
| 400-237360-21      | SB07 51FT          | Total/NA  | Solid  | 8015B  | 625374     |
| MB 400-625374/2-A  | Method Blank       | Total/NA  | Solid  | 8015B  | 625374     |
| LCS 400-625374/1-A | Lab Control Sample | Total/NA  | Solid  | 8015B  | 625374     |
| 400-237360-18 MS   | SB07 19FT          | Total/NA  | Solid  | 8015B  | 625374     |
| 400-237360-18 MSD  | SB07 19FT          | Total/NA  | Solid  | 8015B  | 625374     |

## Prep Batch: 625065

| Lab Sample ID      | Client Sample ID   | Prep Type | Matrix | Method | Prep Batch |
|--------------------|--------------------|-----------|--------|--------|------------|
| 400-237360-3       | SB04 65FT          | Total/NA  | Solid  | 5035   |            |
| 400-237360-7       | SB06 18FT          | Total/NA  | Solid  | 5035   |            |
| 400-237360-8       | SB06 30FT          | Total/NA  | Solid  | 5035   |            |
| 400-237360-23      | SB04 20FT          | Total/NA  | Solid  | 5035   |            |
| MB 400-625065/2-A  | Method Blank       | Total/NA  | Solid  | 5035   |            |
| LCS 400-625065/1-A | Lab Control Sample | Total/NA  | Solid  | 5035   |            |
| 400-237360-3 MS    | SB04 65FT          | Total/NA  | Solid  | 5035   |            |
| 400-237360-3 MSD   | SB04 65FT          | Total/NA  | Solid  | 5035   |            |

## Analysis Batch: 625217

| Lab Sample ID      | Client Sample ID   | Prep Type | Matrix | Method | Prep Batch |
|--------------------|--------------------|-----------|--------|--------|------------|
| 400-237360-22      | SB07 61FT          | Total/NA  | Solid  | 8015B  | 625250     |
| MB 400-625250/2-A  | Method Blank       | Total/NA  | Solid  | 8015B  | 625250     |
| LCS 400-625250/1-A | Lab Control Sample | Total/NA  | Solid  | 8015B  | 625250     |

## Prep Batch: 625250

| Lab Sample ID      | Client Sample ID   | Prep Type | Matrix | Method | Prep Batch |
|--------------------|--------------------|-----------|--------|--------|------------|
| 400-237360-22      | SB07 61FT          | Total/NA  | Solid  | 5035   |            |
| MB 400-625250/2-A  | Method Blank       | Total/NA  | Solid  | 5035   |            |
| LCS 400-625250/1-A | Lab Control Sample | Total/NA  | Solid  | 5035   |            |

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## QC Association Summary

Client: Stantec Consulting Services Inc  
Project/Site: Blanco Field North Flare Pit.00

Job ID: 400-237360-1  
SDG: Kutz Area

## GC VOA

## Prep Batch: 625374

| Lab Sample ID      | Client Sample ID   | Prep Type | Matrix | Method | Prep Batch |
|--------------------|--------------------|-----------|--------|--------|------------|
| 400-237360-16      | SB08 44FT          | Total/NA  | Solid  | 5035   |            |
| 400-237360-17      | SB08 55FT          | Total/NA  | Solid  | 5035   |            |
| 400-237360-18      | SB07 19FT          | Total/NA  | Solid  | 5035   |            |
| 400-237360-19      | SB07 29FT          | Total/NA  | Solid  | 5035   |            |
| 400-237360-20      | SB07 42FT          | Total/NA  | Solid  | 5035   |            |
| 400-237360-21      | SB07 51FT          | Total/NA  | Solid  | 5035   |            |
| MB 400-625374/2-A  | Method Blank       | Total/NA  | Solid  | 5035   |            |
| LCS 400-625374/1-A | Lab Control Sample | Total/NA  | Solid  | 5035   |            |
| 400-237360-18 MS   | SB07 19FT          | Total/NA  | Solid  | 5035   |            |
| 400-237360-18 MSD  | SB07 19FT          | Total/NA  | Solid  | 5035   |            |

## GC Semi VOA

## Prep Batch: 624587

| Lab Sample ID      | Client Sample ID   | Prep Type | Matrix | Method | Prep Batch |
|--------------------|--------------------|-----------|--------|--------|------------|
| 400-237360-1       | SB04 30FT          | Total/NA  | Solid  | 3546   |            |
| 400-237360-2       | SB04 57FT          | Total/NA  | Solid  | 3546   |            |
| 400-237360-3       | SB04 65FT          | Total/NA  | Solid  | 3546   |            |
| 400-237360-4       | SB05 27FT          | Total/NA  | Solid  | 3546   |            |
| 400-237360-5       | SB05 57FT          | Total/NA  | Solid  | 3546   |            |
| 400-237360-6       | SB05 60FT          | Total/NA  | Solid  | 3546   |            |
| MB 400-624587/1-A  | Method Blank       | Total/NA  | Solid  | 3546   |            |
| LCS 400-624587/2-A | Lab Control Sample | Total/NA  | Solid  | 3546   |            |

## Analysis Batch: 624686

| Lab Sample ID      | Client Sample ID   | Prep Type | Matrix | Method | Prep Batch |
|--------------------|--------------------|-----------|--------|--------|------------|
| 400-237360-1       | SB04 30FT          | Total/NA  | Solid  | 8015B  | 624587     |
| 400-237360-2       | SB04 57FT          | Total/NA  | Solid  | 8015B  | 624587     |
| 400-237360-3       | SB04 65FT          | Total/NA  | Solid  | 8015B  | 624587     |
| 400-237360-4       | SB05 27FT          | Total/NA  | Solid  | 8015B  | 624587     |
| 400-237360-5       | SB05 57FT          | Total/NA  | Solid  | 8015B  | 624587     |
| 400-237360-6       | SB05 60FT          | Total/NA  | Solid  | 8015B  | 624587     |
| MB 400-624587/1-A  | Method Blank       | Total/NA  | Solid  | 8015B  | 624587     |
| LCS 400-624587/2-A | Lab Control Sample | Total/NA  | Solid  | 8015B  | 624587     |

## Prep Batch: 624994

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---------------|------------------|-----------|--------|--------|------------|
| 400-237360-7  | SB06 18FT        | Total/NA  | Solid  | 3546   |            |
| 400-237360-8  | SB06 30FT        | Total/NA  | Solid  | 3546   |            |
| 400-237360-9  | SB06 58FT        | Total/NA  | Solid  | 3546   |            |
| 400-237360-10 | SB06 69FT        | Total/NA  | Solid  | 3546   |            |
| 400-237360-11 | MW60 27FT        | Total/NA  | Solid  | 3546   |            |
| 400-237360-12 | MW60 63FT        | Total/NA  | Solid  | 3546   |            |
| 400-237360-13 | SB08 16FT        | Total/NA  | Solid  | 3546   |            |
| 400-237360-14 | SB08 30FT        | Total/NA  | Solid  | 3546   |            |
| 400-237360-15 | SB08 37FT        | Total/NA  | Solid  | 3546   |            |
| 400-237360-16 | SB08 44FT        | Total/NA  | Solid  | 3546   |            |
| 400-237360-17 | SB08 55FT        | Total/NA  | Solid  | 3546   |            |
| 400-237360-18 | SB07 19FT        | Total/NA  | Solid  | 3546   |            |
| 400-237360-19 | SB07 29FT        | Total/NA  | Solid  | 3546   |            |
| 400-237360-20 | SB07 42FT        | Total/NA  | Solid  | 3546   |            |

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## QC Association Summary

Client: Stantec Consulting Services Inc  
Project/Site: Blanco Field North Flare Pit.00

Job ID: 400-237360-1  
SDG: Kutz Area

## GC Semi VOA (Continued)

## Prep Batch: 624994 (Continued)

| Lab Sample ID      | Client Sample ID   | Prep Type | Matrix | Method | Prep Batch |
|--------------------|--------------------|-----------|--------|--------|------------|
| 400-237360-21      | SB07 51FT          | Total/NA  | Solid  | 3546   |            |
| 400-237360-22      | SB07 61FT          | Total/NA  | Solid  | 3546   |            |
| 400-237360-23      | SB04 20FT          | Total/NA  | Solid  | 3546   |            |
| MB 400-624994/1-A  | Method Blank       | Total/NA  | Solid  | 3546   |            |
| LCS 400-624994/2-A | Lab Control Sample | Total/NA  | Solid  | 3546   |            |
| 400-237360-7 MS    | SB06 18FT          | Total/NA  | Solid  | 3546   |            |
| 400-237360-7 MSD   | SB06 18FT          | Total/NA  | Solid  | 3546   |            |

## Analysis Batch: 625137

| Lab Sample ID      | Client Sample ID   | Prep Type | Matrix | Method | Prep Batch |
|--------------------|--------------------|-----------|--------|--------|------------|
| 400-237360-7       | SB06 18FT          | Total/NA  | Solid  | 8015B  | 624994     |
| 400-237360-8       | SB06 30FT          | Total/NA  | Solid  | 8015B  | 624994     |
| 400-237360-9       | SB06 58FT          | Total/NA  | Solid  | 8015B  | 624994     |
| 400-237360-10      | SB06 69FT          | Total/NA  | Solid  | 8015B  | 624994     |
| 400-237360-11      | MW60 27FT          | Total/NA  | Solid  | 8015B  | 624994     |
| 400-237360-12      | MW60 63FT          | Total/NA  | Solid  | 8015B  | 624994     |
| 400-237360-13      | SB08 16FT          | Total/NA  | Solid  | 8015B  | 624994     |
| 400-237360-14      | SB08 30FT          | Total/NA  | Solid  | 8015B  | 624994     |
| 400-237360-15      | SB08 37FT          | Total/NA  | Solid  | 8015B  | 624994     |
| 400-237360-16      | SB08 44FT          | Total/NA  | Solid  | 8015B  | 624994     |
| 400-237360-17      | SB08 55FT          | Total/NA  | Solid  | 8015B  | 624994     |
| 400-237360-18      | SB07 19FT          | Total/NA  | Solid  | 8015B  | 624994     |
| 400-237360-19      | SB07 29FT          | Total/NA  | Solid  | 8015B  | 624994     |
| 400-237360-20      | SB07 42FT          | Total/NA  | Solid  | 8015B  | 624994     |
| 400-237360-21      | SB07 51FT          | Total/NA  | Solid  | 8015B  | 624994     |
| 400-237360-22      | SB07 61FT          | Total/NA  | Solid  | 8015B  | 624994     |
| MB 400-624994/1-A  | Method Blank       | Total/NA  | Solid  | 8015B  | 624994     |
| LCS 400-624994/2-A | Lab Control Sample | Total/NA  | Solid  | 8015B  | 624994     |
| 400-237360-7 MS    | SB06 18FT          | Total/NA  | Solid  | 8015B  | 624994     |
| 400-237360-7 MSD   | SB06 18FT          | Total/NA  | Solid  | 8015B  | 624994     |

## Analysis Batch: 625335

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---------------|------------------|-----------|--------|--------|------------|
| 400-237360-23 | SB04 20FT        | Total/NA  | Solid  | 8015B  | 624994     |

## Analysis Batch: 627290

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---------------|------------------|-----------|--------|--------|------------|
| 400-237360-17 | SB08 55FT        | Total/NA  | Solid  | 8015B  | 624994     |

## HPLC/IC

## Leach Batch: 624490

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method   | Prep Batch |
|---------------|------------------|-----------|--------|----------|------------|
| 400-237360-1  | SB04 30FT        | Soluble   | Solid  | DI Leach |            |
| 400-237360-2  | SB04 57FT        | Soluble   | Solid  | DI Leach |            |
| 400-237360-3  | SB04 65FT        | Soluble   | Solid  | DI Leach |            |
| 400-237360-4  | SB05 27FT        | Soluble   | Solid  | DI Leach |            |
| 400-237360-5  | SB05 57FT        | Soluble   | Solid  | DI Leach |            |
| 400-237360-6  | SB05 60FT        | Soluble   | Solid  | DI Leach |            |
| 400-237360-7  | SB06 18FT        | Soluble   | Solid  | DI Leach |            |
| 400-237360-8  | SB06 30FT        | Soluble   | Solid  | DI Leach |            |

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## QC Association Summary

Client: Stantec Consulting Services Inc  
Project/Site: Blanco Field North Flare Pit.00

Job ID: 400-237360-1  
SDG: Kutz Area

## HPLC/IC (Continued)

## Leach Batch: 624490 (Continued)

| Lab Sample ID       | Client Sample ID       | Prep Type | Matrix | Method   | Prep Batch |
|---------------------|------------------------|-----------|--------|----------|------------|
| 400-237360-9        | SB06 58FT              | Soluble   | Solid  | DI Leach |            |
| MB 400-624490/1-A   | Method Blank           | Soluble   | Solid  | DI Leach |            |
| LCS 400-624490/2-A  | Lab Control Sample     | Soluble   | Solid  | DI Leach |            |
| LCSD 400-624490/3-A | Lab Control Sample Dup | Soluble   | Solid  | DI Leach |            |

## Analysis Batch: 624556

| Lab Sample ID       | Client Sample ID       | Prep Type | Matrix | Method | Prep Batch |
|---------------------|------------------------|-----------|--------|--------|------------|
| 400-237360-2        | SB04 57FT              | Soluble   | Solid  | 300.0  | 624490     |
| 400-237360-3        | SB04 65FT              | Soluble   | Solid  | 300.0  | 624490     |
| 400-237360-4        | SB05 27FT              | Soluble   | Solid  | 300.0  | 624490     |
| 400-237360-5        | SB05 57FT              | Soluble   | Solid  | 300.0  | 624490     |
| 400-237360-6        | SB05 60FT              | Soluble   | Solid  | 300.0  | 624490     |
| 400-237360-7        | SB06 18FT              | Soluble   | Solid  | 300.0  | 624490     |
| 400-237360-8        | SB06 30FT              | Soluble   | Solid  | 300.0  | 624490     |
| 400-237360-9        | SB06 58FT              | Soluble   | Solid  | 300.0  | 624490     |
| MB 400-624490/1-A   | Method Blank           | Soluble   | Solid  | 300.0  | 624490     |
| LCS 400-624490/2-A  | Lab Control Sample     | Soluble   | Solid  | 300.0  | 624490     |
| LCSD 400-624490/3-A | Lab Control Sample Dup | Soluble   | Solid  | 300.0  | 624490     |

## Leach Batch: 624911

| Lab Sample ID       | Client Sample ID       | Prep Type | Matrix | Method   | Prep Batch |
|---------------------|------------------------|-----------|--------|----------|------------|
| 400-237360-10       | SB06 69FT              | Soluble   | Solid  | DI Leach |            |
| 400-237360-11       | MW60 27FT              | Soluble   | Solid  | DI Leach |            |
| 400-237360-12       | MW60 63FT              | Soluble   | Solid  | DI Leach |            |
| 400-237360-13       | SB08 16FT              | Soluble   | Solid  | DI Leach |            |
| 400-237360-14       | SB08 30FT              | Soluble   | Solid  | DI Leach |            |
| 400-237360-15       | SB08 37FT              | Soluble   | Solid  | DI Leach |            |
| 400-237360-16       | SB08 44FT              | Soluble   | Solid  | DI Leach |            |
| 400-237360-17       | SB08 55FT              | Soluble   | Solid  | DI Leach |            |
| 400-237360-18       | SB07 19FT              | Soluble   | Solid  | DI Leach |            |
| 400-237360-19       | SB07 29FT              | Soluble   | Solid  | DI Leach |            |
| 400-237360-20       | SB07 42FT              | Soluble   | Solid  | DI Leach |            |
| 400-237360-21       | SB07 51FT              | Soluble   | Solid  | DI Leach |            |
| 400-237360-22       | SB07 61FT              | Soluble   | Solid  | DI Leach |            |
| 400-237360-23       | SB04 20FT              | Soluble   | Solid  | DI Leach |            |
| MB 400-624911/1-A   | Method Blank           | Soluble   | Solid  | DI Leach |            |
| LCS 400-624911/2-A  | Lab Control Sample     | Soluble   | Solid  | DI Leach |            |
| LCSD 400-624911/3-A | Lab Control Sample Dup | Soluble   | Solid  | DI Leach |            |
| 400-237360-10 MS    | SB06 69FT              | Soluble   | Solid  | DI Leach |            |
| 400-237360-10 MSD   | SB06 69FT              | Soluble   | Solid  | DI Leach |            |

## Analysis Batch: 625059

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---------------|------------------|-----------|--------|--------|------------|
| 400-237360-1  | SB04 30FT        | Soluble   | Solid  | 300.0  | 624490     |

## Analysis Batch: 625158

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---------------|------------------|-----------|--------|--------|------------|
| 400-237360-10 | SB06 69FT        | Soluble   | Solid  | 300.0  | 624911     |
| 400-237360-11 | MW60 27FT        | Soluble   | Solid  | 300.0  | 624911     |
| 400-237360-12 | MW60 63FT        | Soluble   | Solid  | 300.0  | 624911     |
| 400-237360-13 | SB08 16FT        | Soluble   | Solid  | 300.0  | 624911     |

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## QC Association Summary

Client: Stantec Consulting Services Inc  
Project/Site: Blanco Field North Flare Pit.00

Job ID: 400-237360-1  
SDG: Kutz Area

## HPLC/IC (Continued)

## Analysis Batch: 625158 (Continued)

| Lab Sample ID       | Client Sample ID       | Prep Type | Matrix | Method | Prep Batch |
|---------------------|------------------------|-----------|--------|--------|------------|
| 400-237360-14       | SB08 30FT              | Soluble   | Solid  | 300.0  | 624911     |
| MB 400-624911/1-A   | Method Blank           | Soluble   | Solid  | 300.0  | 624911     |
| LCS 400-624911/2-A  | Lab Control Sample     | Soluble   | Solid  | 300.0  | 624911     |
| LCSD 400-624911/3-A | Lab Control Sample Dup | Soluble   | Solid  | 300.0  | 624911     |
| 400-237360-10 MS    | SB06 69FT              | Soluble   | Solid  | 300.0  | 624911     |
| 400-237360-10 MSD   | SB06 69FT              | Soluble   | Solid  | 300.0  | 624911     |

## Analysis Batch: 625450

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---------------|------------------|-----------|--------|--------|------------|
| 400-237360-15 | SB08 37FT        | Soluble   | Solid  | 300.0  | 624911     |
| 400-237360-16 | SB08 44FT        | Soluble   | Solid  | 300.0  | 624911     |
| 400-237360-17 | SB08 55FT        | Soluble   | Solid  | 300.0  | 624911     |
| 400-237360-18 | SB07 19FT        | Soluble   | Solid  | 300.0  | 624911     |
| 400-237360-19 | SB07 29FT        | Soluble   | Solid  | 300.0  | 624911     |
| 400-237360-20 | SB07 42FT        | Soluble   | Solid  | 300.0  | 624911     |
| 400-237360-21 | SB07 51FT        | Soluble   | Solid  | 300.0  | 624911     |
| 400-237360-22 | SB07 61FT        | Soluble   | Solid  | 300.0  | 624911     |
| 400-237360-23 | SB04 20FT        | Soluble   | Solid  | 300.0  | 624911     |

## General Chemistry

## Analysis Batch: 624402

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method   | Prep Batch |
|---------------|------------------|-----------|--------|----------|------------|
| 400-237360-10 | SB06 69FT        | Total/NA  | Solid  | Moisture |            |
| 400-237360-11 | MW60 27FT        | Total/NA  | Solid  | Moisture |            |
| 400-237360-12 | MW60 63FT        | Total/NA  | Solid  | Moisture |            |
| 400-237360-13 | SB08 16FT        | Total/NA  | Solid  | Moisture |            |
| 400-237360-14 | SB08 30FT        | Total/NA  | Solid  | Moisture |            |
| 400-237360-15 | SB08 37FT        | Total/NA  | Solid  | Moisture |            |
| 400-237360-16 | SB08 44FT        | Total/NA  | Solid  | Moisture |            |
| 400-237360-17 | SB08 55FT        | Total/NA  | Solid  | Moisture |            |
| 400-237360-18 | SB07 19FT        | Total/NA  | Solid  | Moisture |            |
| 400-237360-19 | SB07 29FT        | Total/NA  | Solid  | Moisture |            |
| 400-237360-20 | SB07 42FT        | Total/NA  | Solid  | Moisture |            |
| 400-237360-21 | SB07 51FT        | Total/NA  | Solid  | Moisture |            |
| 400-237360-22 | SB07 61FT        | Total/NA  | Solid  | Moisture |            |
| 400-237360-23 | SB04 20FT        | Total/NA  | Solid  | Moisture |            |

## Analysis Batch: 624582

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method   | Prep Batch |
|---------------|------------------|-----------|--------|----------|------------|
| 400-237360-1  | SB04 30FT        | Total/NA  | Solid  | Moisture |            |
| 400-237360-2  | SB04 57FT        | Total/NA  | Solid  | Moisture |            |
| 400-237360-3  | SB04 65FT        | Total/NA  | Solid  | Moisture |            |
| 400-237360-5  | SB05 57FT        | Total/NA  | Solid  | Moisture |            |
| 400-237360-6  | SB05 60FT        | Total/NA  | Solid  | Moisture |            |

## Analysis Batch: 624663

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method   | Prep Batch |
|---------------|------------------|-----------|--------|----------|------------|
| 400-237360-7  | SB06 18FT        | Total/NA  | Solid  | Moisture |            |
| 400-237360-8  | SB06 30FT        | Total/NA  | Solid  | Moisture |            |
| 400-237360-9  | SB06 58FT        | Total/NA  | Solid  | Moisture |            |

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QC Association Summary

Client: Stantec Consulting Services Inc  
Project/Site: Blanco Field North Flare Pit.00

Job ID: 400-237360-1  
SDG: Kutz Area

General Chemistry

Analysis Batch: 624754

| Lab Sample ID   | Client Sample ID | Prep Type | Matrix | Method   | Prep Batch |
|-----------------|------------------|-----------|--------|----------|------------|
| 400-237360-4    | SB05 27FT        | Total/NA  | Solid  | Moisture |            |
| 400-237360-4 DU | SB05 27FT        | Total/NA  | Solid  | Moisture |            |

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



## QC Sample Results

Client: Stantec Consulting Services Inc  
Project/Site: Blanco Field North Flare Pit.00

Job ID: 400-237360-1  
SDG: Kutz Area

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

Lab Sample ID: MB 400-624916/24-A

Matrix: Solid

Analysis Batch: 624840

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 624916

| Analyte        | MB MB  |           | RL  | MDL  | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|----------------|--------|-----------|-----|------|-------|---|----------------|----------------|---------|
|                | Result | Qualifier |     |      |       |   |                |                |         |
| Benzene        | 0.67   | U         | 5.0 | 0.67 | ug/Kg |   | 05/15/23 10:27 | 05/15/23 13:25 | 1       |
| Toluene        | 1.0    | U         | 5.0 | 1.0  | ug/Kg |   | 05/15/23 10:27 | 05/15/23 13:25 | 1       |
| Ethylbenzene   | 0.61   | U         | 5.0 | 0.61 | ug/Kg |   | 05/15/23 10:27 | 05/15/23 13:25 | 1       |
| Xylenes, Total | 1.9    | U         | 10  | 1.9  | ug/Kg |   | 05/15/23 10:27 | 05/15/23 13:25 | 1       |

| Surrogate            | MB MB     |           | Limits   | Prepared       | Analyzed       | Dil Fac |
|----------------------|-----------|-----------|----------|----------------|----------------|---------|
|                      | %Recovery | Qualifier |          |                |                |         |
| 4-Bromofluorobenzene | 100       |           | 67 - 130 | 05/15/23 10:27 | 05/15/23 13:25 | 1       |
| Dibromofluoromethane | 104       |           | 77 - 127 | 05/15/23 10:27 | 05/15/23 13:25 | 1       |
| Toluene-d8 (Surr)    | 116       |           | 76 - 127 | 05/15/23 10:27 | 05/15/23 13:25 | 1       |

Lab Sample ID: LCS 400-624916/22-A

Matrix: Solid

Analysis Batch: 624840

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 624916

| Analyte        | Spike Added | LCS Result | LCS Qualifier | Unit  | D | %Rec | %Rec Limits |
|----------------|-------------|------------|---------------|-------|---|------|-------------|
|                |             |            |               |       |   |      |             |
| Benzene        | 50.0        | 47.5       |               | ug/Kg |   | 95   | 65 - 130    |
| Toluene        | 50.0        | 48.7       |               | ug/Kg |   | 97   | 70 - 130    |
| Ethylbenzene   | 50.0        | 47.6       |               | ug/Kg |   | 95   | 70 - 130    |
| Xylenes, Total | 100         | 93.8       |               | ug/Kg |   | 94   | 70 - 130    |

| Surrogate            | LCS LCS   |           | Limits   |
|----------------------|-----------|-----------|----------|
|                      | %Recovery | Qualifier |          |
| 4-Bromofluorobenzene | 102       |           | 67 - 130 |
| Dibromofluoromethane | 103       |           | 77 - 127 |
| Toluene-d8 (Surr)    | 102       |           | 76 - 127 |

Lab Sample ID: 400-237360-23 MS

Matrix: Solid

Analysis Batch: 624840

Client Sample ID: SB04 20FT

Prep Type: Total/NA

Prep Batch: 624916

| Analyte        | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit  | D | %Rec | %Rec Limits |
|----------------|---------------|------------------|-------------|-----------|--------------|-------|---|------|-------------|
|                |               |                  |             |           |              |       |   |      |             |
| Benzene        | 0.70          | U                | 51.5        | 49.5      |              | ug/Kg | ⊛ | 96   | 38 - 131    |
| Toluene        | 1.0           | U                | 51.5        | 45.7      |              | ug/Kg | ⊛ | 89   | 42 - 130    |
| Ethylbenzene   | 0.63          | U                | 51.5        | 40.6      |              | ug/Kg | ⊛ | 79   | 35 - 130    |
| Xylenes, Total | 2.0           | U                | 103         | 78.7      |              | ug/Kg | ⊛ | 76   | 35 - 130    |

| Surrogate            | MS MS     |           | Limits   |
|----------------------|-----------|-----------|----------|
|                      | %Recovery | Qualifier |          |
| 4-Bromofluorobenzene | 94        |           | 67 - 130 |
| Dibromofluoromethane | 110       |           | 77 - 127 |
| Toluene-d8 (Surr)    | 101       |           | 76 - 127 |

Lab Sample ID: 400-237360-23 MSD

Matrix: Solid

Analysis Batch: 624840

Client Sample ID: SB04 20FT

Prep Type: Total/NA

Prep Batch: 624916

| Analyte      | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit  | D | %Rec | %Rec Limits | RPD |       |
|--------------|---------------|------------------|-------------|------------|---------------|-------|---|------|-------------|-----|-------|
|              |               |                  |             |            |               |       |   |      |             | RPD | Limit |
| Benzene      | 0.70          | U                | 51.4        | 47.2       |               | ug/Kg | ⊛ | 92   | 38 - 131    | 5   | 36    |
| Toluene      | 1.0           | U                | 51.4        | 47.0       |               | ug/Kg | ⊛ | 91   | 42 - 130    | 3   | 37    |
| Ethylbenzene | 0.63          | U                | 51.4        | 41.5       |               | ug/Kg | ⊛ | 81   | 35 - 130    | 2   | 46    |

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## QC Sample Results

Client: Stantec Consulting Services Inc  
Project/Site: Blanco Field North Flare Pit.00

Job ID: 400-237360-1  
SDG: Kutz Area

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

Lab Sample ID: 400-237360-23 MSD

Matrix: Solid

Analysis Batch: 624840

Client Sample ID: SB04 20FT

Prep Type: Total/NA

Prep Batch: 624916

| Analyte              | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit  | D | %Rec | %Rec Limits | RPD | RPD Limit |
|----------------------|---------------|------------------|-------------|------------|---------------|-------|---|------|-------------|-----|-----------|
| Xylenes, Total       | 2.0           | U                | 103         | 81.6       |               | ug/Kg | ✱ | 79   | 35 - 130    | 4   | 39        |
|                      |               |                  |             |            |               |       |   |      |             |     |           |
| Surrogate            | MSD %Recovery | MSD Qualifier    | Limits      |            |               |       |   |      |             |     |           |
| 4-Bromofluorobenzene | 100           |                  | 67 - 130    |            |               |       |   |      |             |     |           |
| Dibromofluoromethane | 102           |                  | 77 - 127    |            |               |       |   |      |             |     |           |
| Toluene-d8 (Surr)    | 102           |                  | 76 - 127    |            |               |       |   |      |             |     |           |

Lab Sample ID: MB 400-625074/2-A

Matrix: Solid

Analysis Batch: 625013

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 625074

| Analyte              | MB        | MB        | RL       | MDL  | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|----------------------|-----------|-----------|----------|------|-------|---|----------------|----------------|---------|
|                      | Result    | Qualifier |          |      |       |   |                |                |         |
| Benzene              | 0.67      | U         | 5.0      | 0.67 | ug/Kg |   | 05/16/23 09:02 | 05/16/23 10:53 | 1       |
| Toluene              | 1.0       | U         | 5.0      | 1.0  | ug/Kg |   | 05/16/23 09:02 | 05/16/23 10:53 | 1       |
| Ethylbenzene         | 0.61      | U         | 5.0      | 0.61 | ug/Kg |   | 05/16/23 09:02 | 05/16/23 10:53 | 1       |
| Xylenes, Total       | 1.9       | U         | 10       | 1.9  | ug/Kg |   | 05/16/23 09:02 | 05/16/23 10:53 | 1       |
|                      |           |           |          |      |       |   |                |                |         |
| Surrogate            | MB        | MB        | Limits   |      |       |   | Prepared       | Analyzed       | Dil Fac |
| %Recovery            | Qualifier |           |          |      |       |   |                |                |         |
| 4-Bromofluorobenzene | 93        |           | 67 - 130 |      |       |   | 05/16/23 09:02 | 05/16/23 10:53 | 1       |
| Dibromofluoromethane | 108       |           | 77 - 127 |      |       |   | 05/16/23 09:02 | 05/16/23 10:53 | 1       |
| Toluene-d8 (Surr)    | 104       |           | 76 - 127 |      |       |   | 05/16/23 09:02 | 05/16/23 10:53 | 1       |

Lab Sample ID: LCS 400-625074/1-A

Matrix: Solid

Analysis Batch: 625013

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 625074

|                      |           |           | Spike    | LCS    | LCS       | %Rec  |   |      |          |
|----------------------|-----------|-----------|----------|--------|-----------|-------|---|------|----------|
| Analyte              |           |           | Added    | Result | Qualifier | Unit  | D | %Rec | Limits   |
| Benzene              |           |           | 50.0     | 43.6   |           | ug/Kg |   | 87   | 65 - 130 |
| Toluene              |           |           | 50.0     | 43.4   |           | ug/Kg |   | 87   | 70 - 130 |
| Ethylbenzene         |           |           | 50.0     | 45.3   |           | ug/Kg |   | 91   | 70 - 130 |
| Xylenes, Total       |           |           | 100      | 89.9   |           | ug/Kg |   | 90   | 70 - 130 |
|                      |           |           |          |        |           |       |   |      |          |
|                      |           |           | LCS      | LCS    |           |       |   |      |          |
| Surrogate            | %Recovery | Qualifier | Limits   |        |           |       |   |      |          |
| 4-Bromofluorobenzene | 93        |           | 67 - 130 |        |           |       |   |      |          |
| Dibromofluoromethane | 97        |           | 77 - 127 |        |           |       |   |      |          |
| Toluene-d8 (Surr)    | 97        |           | 76 - 127 |        |           |       |   |      |          |

Lab Sample ID: 400-237360-4 MS

Matrix: Solid

Analysis Batch: 625013

Client Sample ID: SB05 27FT

Prep Type: Total/NA

Prep Batch: 625074

| Analyte        | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit  | D | %Rec | %Rec Limits |  |  |
|----------------|---------------|------------------|-------------|-----------|--------------|-------|---|------|-------------|--|--|
| Benzene        | 0.76          | U                | 56.8        | 34.3      |              | ug/Kg | ✱ | 60   | 38 - 131    |  |  |
| Toluene        | 1.1           | U                | 56.8        | 34.2      |              | ug/Kg | ✱ | 60   | 42 - 130    |  |  |
| Ethylbenzene   | 0.69          | U                | 56.8        | 29.5      |              | ug/Kg | ✱ | 52   | 35 - 130    |  |  |
| Xylenes, Total | 2.1           | U                | 114         | 57.6      |              | ug/Kg | ✱ | 51   | 35 - 130    |  |  |

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## QC Sample Results

Client: Stantec Consulting Services Inc  
Project/Site: Blanco Field North Flare Pit.00

Job ID: 400-237360-1  
SDG: Kutz Area

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

Lab Sample ID: 400-237360-4 MS

Matrix: Solid

Analysis Batch: 625013

Client Sample ID: SB05 27FT

Prep Type: Total/NA

Prep Batch: 625074

|                      | MS        | MS        |          |
|----------------------|-----------|-----------|----------|
| Surrogate            | %Recovery | Qualifier | Limits   |
| 4-Bromofluorobenzene | 91        |           | 67 - 130 |
| Dibromofluoromethane | 104       |           | 77 - 127 |
| Toluene-d8 (Surr)    | 102       |           | 76 - 127 |

Lab Sample ID: 400-237360-4 MSD

Matrix: Solid

Analysis Batch: 625013

Client Sample ID: SB05 27FT

Prep Type: Total/NA

Prep Batch: 625074

| Analyte        | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit  | D | %Rec | %Rec Limits | RPD | RPD Limit |
|----------------|---------------|------------------|-------------|------------|---------------|-------|---|------|-------------|-----|-----------|
| Benzene        | 0.76          | U                | 56.8        | 34.8       |               | ug/Kg | ☼ | 61   | 38 - 131    | 1   | 36        |
| Toluene        | 1.1           | U                | 56.8        | 32.7       |               | ug/Kg | ☼ | 58   | 42 - 130    | 5   | 37        |
| Ethylbenzene   | 0.69          | U                | 56.8        | 28.4       |               | ug/Kg | ☼ | 50   | 35 - 130    | 4   | 46        |
| Xylenes, Total | 2.1           | U                | 114         | 58.1       |               | ug/Kg | ☼ | 51   | 35 - 130    | 1   | 39        |

|                      | MSD       | MSD       |          |
|----------------------|-----------|-----------|----------|
| Surrogate            | %Recovery | Qualifier | Limits   |
| 4-Bromofluorobenzene | 92        |           | 67 - 130 |
| Dibromofluoromethane | 104       |           | 77 - 127 |
| Toluene-d8 (Surr)    | 98        |           | 76 - 127 |

Lab Sample ID: MB 400-625242/2-A

Matrix: Solid

Analysis Batch: 625205

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 625242

| Analyte        | MB Result | MB Qualifier | RL  | MDL  | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|----------------|-----------|--------------|-----|------|-------|---|----------------|----------------|---------|
| Benzene        | 0.67      | U            | 5.0 | 0.67 | ug/Kg |   | 05/17/23 09:01 | 05/17/23 10:40 | 1       |
| Toluene        | 1.0       | U            | 5.0 | 1.0  | ug/Kg |   | 05/17/23 09:01 | 05/17/23 10:40 | 1       |
| Ethylbenzene   | 0.61      | U            | 5.0 | 0.61 | ug/Kg |   | 05/17/23 09:01 | 05/17/23 10:40 | 1       |
| Xylenes, Total | 1.9       | U            | 10  | 1.9  | ug/Kg |   | 05/17/23 09:01 | 05/17/23 10:40 | 1       |

|                      | MB        | MB        |          |                |                |         |  |  |  |
|----------------------|-----------|-----------|----------|----------------|----------------|---------|--|--|--|
| Surrogate            | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |  |  |  |
| 4-Bromofluorobenzene | 90        |           | 67 - 130 | 05/17/23 09:01 | 05/17/23 10:40 | 1       |  |  |  |
| Dibromofluoromethane | 104       |           | 77 - 127 | 05/17/23 09:01 | 05/17/23 10:40 | 1       |  |  |  |
| Toluene-d8 (Surr)    | 104       |           | 76 - 127 | 05/17/23 09:01 | 05/17/23 10:40 | 1       |  |  |  |

Lab Sample ID: LCS 400-625242/1-A

Matrix: Solid

Analysis Batch: 625205

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 625242

| Analyte        | Spike Added | LCS Result | LCS Qualifier | Unit  | D | %Rec | %Rec Limits |
|----------------|-------------|------------|---------------|-------|---|------|-------------|
| Benzene        | 50.0        | 37.6       |               | ug/Kg |   | 75   | 65 - 130    |
| Toluene        | 50.0        | 39.8       |               | ug/Kg |   | 80   | 70 - 130    |
| Ethylbenzene   | 50.0        | 38.9       |               | ug/Kg |   | 78   | 70 - 130    |
| Xylenes, Total | 100         | 85.8       |               | ug/Kg |   | 86   | 70 - 130    |

|                      | LCS       | LCS       |          |
|----------------------|-----------|-----------|----------|
| Surrogate            | %Recovery | Qualifier | Limits   |
| 4-Bromofluorobenzene | 88        |           | 67 - 130 |
| Dibromofluoromethane | 108       |           | 77 - 127 |

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## QC Sample Results

Client: Stantec Consulting Services Inc  
Project/Site: Blanco Field North Flare Pit.00

Job ID: 400-237360-1  
SDG: Kutz Area

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

Lab Sample ID: LCS 400-625242/1-A

Matrix: Solid

Analysis Batch: 625205

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 625242

|                   | LCS       | LCS       |          |
|-------------------|-----------|-----------|----------|
| Surrogate         | %Recovery | Qualifier | Limits   |
| Toluene-d8 (Surr) | 106       |           | 76 - 127 |

Lab Sample ID: 400-237360-13 MS

Matrix: Solid

Analysis Batch: 625205

Client Sample ID: SB08 16FT

Prep Type: Total/NA

Prep Batch: 625242

| Analyte        | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit  | D | %Rec | Limits   |
|----------------|---------------|------------------|-------------|-----------|--------------|-------|---|------|----------|
| Benzene        | 0.67          | U                | 50.2        | 36.6      |              | ug/Kg | ⊛ | 73   | 38 - 131 |
| Toluene        | 0.99          | U                | 50.2        | 36.6      |              | ug/Kg | ⊛ | 73   | 42 - 130 |
| Ethylbenzene   | 0.61          | U                | 50.2        | 36.4      |              | ug/Kg | ⊛ | 73   | 35 - 130 |
| Xylenes, Total | 1.9           | U                | 100         | 75.3      |              | ug/Kg | ⊛ | 75   | 35 - 130 |

|                      | MS        | MS        |          |
|----------------------|-----------|-----------|----------|
| Surrogate            | %Recovery | Qualifier | Limits   |
| 4-Bromofluorobenzene | 94        |           | 67 - 130 |
| Dibromofluoromethane | 104       |           | 77 - 127 |
| Toluene-d8 (Surr)    | 99        |           | 76 - 127 |

Lab Sample ID: 400-237360-13 MSD

Matrix: Solid

Analysis Batch: 625205

Client Sample ID: SB08 16FT

Prep Type: Total/NA

Prep Batch: 625242

| Analyte        | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit  | D | %Rec | Limits   | RPD | Limit |
|----------------|---------------|------------------|-------------|------------|---------------|-------|---|------|----------|-----|-------|
| Benzene        | 0.67          | U                | 50.3        | 33.2       |               | ug/Kg | ⊛ | 66   | 38 - 131 | 10  | 36    |
| Toluene        | 0.99          | U                | 50.3        | 35.5       |               | ug/Kg | ⊛ | 71   | 42 - 130 | 3   | 37    |
| Ethylbenzene   | 0.61          | U                | 50.3        | 33.2       |               | ug/Kg | ⊛ | 66   | 35 - 130 | 9   | 46    |
| Xylenes, Total | 1.9           | U                | 101         | 68.9       |               | ug/Kg | ⊛ | 69   | 35 - 130 | 9   | 39    |

|                      | MSD       | MSD       |          |
|----------------------|-----------|-----------|----------|
| Surrogate            | %Recovery | Qualifier | Limits   |
| 4-Bromofluorobenzene | 92        |           | 67 - 130 |
| Dibromofluoromethane | 101       |           | 77 - 127 |
| Toluene-d8 (Surr)    | 101       |           | 76 - 127 |

Lab Sample ID: MB 400-625484/24-A

Matrix: Solid

Analysis Batch: 625402

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 625484

| Analyte        | MB Result | MB Qualifier | RL  | MDL  | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|----------------|-----------|--------------|-----|------|-------|---|----------------|----------------|---------|
| Benzene        | 0.67      | U            | 5.0 | 0.67 | ug/Kg |   | 05/18/23 12:00 | 05/18/23 13:39 | 1       |
| Toluene        | 1.0       | U            | 5.0 | 1.0  | ug/Kg |   | 05/18/23 12:00 | 05/18/23 13:39 | 1       |
| Ethylbenzene   | 0.61      | U            | 5.0 | 0.61 | ug/Kg |   | 05/18/23 12:00 | 05/18/23 13:39 | 1       |
| Xylenes, Total | 1.9       | U            | 10  | 1.9  | ug/Kg |   | 05/18/23 12:00 | 05/18/23 13:39 | 1       |

|                      | MB        | MB        |          |                |                |         |  |  |  |
|----------------------|-----------|-----------|----------|----------------|----------------|---------|--|--|--|
| Surrogate            | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |  |  |  |
| 4-Bromofluorobenzene | 97        |           | 67 - 130 | 05/18/23 12:00 | 05/18/23 13:39 | 1       |  |  |  |
| Dibromofluoromethane | 107       |           | 77 - 127 | 05/18/23 12:00 | 05/18/23 13:39 | 1       |  |  |  |
| Toluene-d8 (Surr)    | 110       |           | 76 - 127 | 05/18/23 12:00 | 05/18/23 13:39 | 1       |  |  |  |

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## QC Sample Results

Client: Stantec Consulting Services Inc  
Project/Site: Blanco Field North Flare Pit.00

Job ID: 400-237360-1  
SDG: Kutz Area

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

Lab Sample ID: LCS 400-625484/22-A

Matrix: Solid

Analysis Batch: 625402

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 625484

| Analyte        | Spike Added | LCS Result | LCS Qualifier | Unit  | D | %Rec | %Rec Limits |
|----------------|-------------|------------|---------------|-------|---|------|-------------|
| Benzene        | 50.0        | 48.5       |               | ug/Kg |   | 97   | 65 - 130    |
| Toluene        | 50.0        | 46.2       |               | ug/Kg |   | 92   | 70 - 130    |
| Ethylbenzene   | 50.0        | 44.8       |               | ug/Kg |   | 90   | 70 - 130    |
| Xylenes, Total | 100         | 87.4       |               | ug/Kg |   | 87   | 70 - 130    |

| Surrogate            | LCS %Recovery | LCS Qualifier | Limits   |
|----------------------|---------------|---------------|----------|
| 4-Bromofluorobenzene | 99            |               | 67 - 130 |
| Dibromofluoromethane | 109           |               | 77 - 127 |
| Toluene-d8 (Surr)    | 97            |               | 76 - 127 |

Lab Sample ID: MB 400-625640/22-A

Matrix: Solid

Analysis Batch: 625587

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 625640

| Analyte        | MB Result | MB Qualifier | RL | MDL | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|----------------|-----------|--------------|----|-----|-------|---|----------------|----------------|---------|
| Xylenes, Total | 1.9       | U            | 10 | 1.9 | ug/Kg |   | 05/19/23 09:16 | 05/19/23 10:56 | 1       |

| Surrogate            | MB %Recovery | MB Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|----------------------|--------------|--------------|----------|----------------|----------------|---------|
| 4-Bromofluorobenzene | 104          |              | 67 - 130 | 05/19/23 09:16 | 05/19/23 10:56 | 1       |
| Dibromofluoromethane | 105          |              | 77 - 127 | 05/19/23 09:16 | 05/19/23 10:56 | 1       |
| Toluene-d8 (Surr)    | 110          |              | 76 - 127 | 05/19/23 09:16 | 05/19/23 10:56 | 1       |

Lab Sample ID: LCS 400-625640/20-A

Matrix: Solid

Analysis Batch: 625587

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 625640

| Analyte        | Spike Added | LCS Result | LCS Qualifier | Unit  | D | %Rec | %Rec Limits |
|----------------|-------------|------------|---------------|-------|---|------|-------------|
| Xylenes, Total | 100         | 88.0       |               | ug/Kg |   | 88   | 70 - 130    |

| Surrogate            | LCS %Recovery | LCS Qualifier | Limits   |
|----------------------|---------------|---------------|----------|
| 4-Bromofluorobenzene | 104           |               | 67 - 130 |
| Dibromofluoromethane | 104           |               | 77 - 127 |
| Toluene-d8 (Surr)    | 102           |               | 76 - 127 |

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

Lab Sample ID: MB 400-624435/2-A

Matrix: Solid

Analysis Batch: 624426

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 624435

| Analyte                                 | MB Result | MB Qualifier | RL  | MDL | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|-----------------------------------------|-----------|--------------|-----|-----|-------|---|----------------|----------------|---------|
| Gasoline Range Organics (GRO)<br>C6-C10 | 50        | U            | 100 | 50  | ug/Kg |   | 05/11/23 10:28 | 05/11/23 11:23 | 1       |

| Surrogate                    | MB %Recovery | MB Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|------------------------------|--------------|--------------|----------|----------------|----------------|---------|
| a,a,a-Trifluorotoluene (fid) | 94           |              | 65 - 125 | 05/11/23 10:28 | 05/11/23 11:23 | 1       |

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## QC Sample Results

Client: Stantec Consulting Services Inc  
Project/Site: Blanco Field North Flare Pit.00

Job ID: 400-237360-1  
SDG: Kutz Area

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

Lab Sample ID: LCS 400-624435/1-A

Matrix: Solid

Analysis Batch: 624426

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 624435

| Analyte                                  | Spike Added   | LCS Result    | LCS Qualifier | Unit  | D | %Rec | %Rec Limits |
|------------------------------------------|---------------|---------------|---------------|-------|---|------|-------------|
| Gasoline Range Organics (GRO)<br>C6--C10 | 1000          | 934           |               | ug/Kg |   | 93   | 62 - 141    |
| Surrogate                                | LCS %Recovery | LCS Qualifier | Limits        |       |   |      |             |
| a,a,a-Trifluorotoluene (fid)             | 97            |               | 65 - 125      |       |   |      |             |

Lab Sample ID: MB 400-624650/2-A

Matrix: Solid

Analysis Batch: 624598

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 624650

| Analyte                                  | MB Result    | MB Qualifier | RL       | MDL | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|------------------------------------------|--------------|--------------|----------|-----|-------|---|----------------|----------------|---------|
| Gasoline Range Organics (GRO)<br>C6--C10 | 50           | U            | 100      | 50  | ug/Kg |   | 05/12/23 09:01 | 05/12/23 09:53 | 1       |
| Surrogate                                | MB %Recovery | MB Qualifier | Limits   |     |       |   | Prepared       | Analyzed       | Dil Fac |
| a,a,a-Trifluorotoluene (fid)             | 93           |              | 65 - 125 |     |       |   | 05/12/23 09:01 | 05/12/23 09:53 | 1       |

Lab Sample ID: LCS 400-624650/1-A

Matrix: Solid

Analysis Batch: 624598

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 624650

|                               |           |           | Spike    | LCS    | LCS       |       |   |      | %Rec     |  |  |
|-------------------------------|-----------|-----------|----------|--------|-----------|-------|---|------|----------|--|--|
| Analyte                       |           |           | Added    | Result | Qualifier | Unit  | D | %Rec | Limits   |  |  |
| Gasoline Range Organics (GRO) |           |           | 1000     | 964    |           | ug/Kg |   | 96   | 62 - 141 |  |  |
| C6--C10                       |           |           |          |        |           |       |   |      |          |  |  |
|                               |           |           | LCS      | LCS    |           |       |   |      |          |  |  |
| Surrogate                     | %Recovery | Qualifier | Limits   |        |           |       |   |      |          |  |  |
| a,a,a-Trifluorotoluene (fid)  | 98        |           | 65 - 125 |        |           |       |   |      |          |  |  |

Lab Sample ID: 400-237360-13 MS

Matrix: Solid

Analysis Batch: 624598

Client Sample ID: SB08 16FT

Prep Type: Total/NA

Prep Batch: 624650

| Analyte                                  | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit  | D | %Rec | %Rec Limits |  |  |
|------------------------------------------|---------------|------------------|-------------|-----------|--------------|-------|---|------|-------------|--|--|
| Gasoline Range Organics (GRO)<br>C6--C10 | 2500          | U                | 50000       | 44800     |              | ug/Kg | ☼ | 90   | 10 - 150    |  |  |
| Surrogate                                | MS %Recovery  | MS Qualifier     | Limits      |           |              |       |   |      |             |  |  |
| a,a,a-Trifluorotoluene (fid)             | 97            |                  | 65 - 125    |           |              |       |   |      |             |  |  |

Lab Sample ID: 400-237360-13 MSD

Matrix: Solid

Analysis Batch: 624598

Client Sample ID: SB08 16FT

Prep Type: Total/NA

Prep Batch: 624650

| Analyte                                  | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit  | D | %Rec | %Rec Limits | RPD | RPD Limit |
|------------------------------------------|---------------|------------------|-------------|------------|---------------|-------|---|------|-------------|-----|-----------|
| Gasoline Range Organics (GRO)<br>C6--C10 | 2500          | U                | 50000       | 43400      |               | ug/Kg | ✱ | 87   | 10 - 150    | 3   | 32        |

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## QC Sample Results

Client: Stantec Consulting Services Inc  
Project/Site: Blanco Field North Flare Pit.00

Job ID: 400-237360-1  
SDG: Kutz Area

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

Lab Sample ID: 400-237360-13 MSD

Matrix: Solid

Analysis Batch: 624598

Client Sample ID: SB08 16FT

Prep Type: Total/NA

Prep Batch: 624650

|                              | MSD       | MSD       |          |
|------------------------------|-----------|-----------|----------|
| Surrogate                    | %Recovery | Qualifier | Limits   |
| a,a,a-Trifluorotoluene (fid) | 95        |           | 65 - 125 |

Lab Sample ID: MB 400-625065/2-A

Matrix: Solid

Analysis Batch: 624856

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 625065

|                               | MB     | MB        |     |     |       |   |                |                |     |     |
|-------------------------------|--------|-----------|-----|-----|-------|---|----------------|----------------|-----|-----|
| Analyte                       | Result | Qualifier | RL  | MDL | Unit  | D | Prepared       | Analyzed       | Dil | Fac |
| Gasoline Range Organics (GRO) | 50     | U         | 100 | 50  | ug/Kg |   | 05/15/23 10:45 | 05/15/23 14:33 | 1   |     |
| C6--C10                       |        |           |     |     |       |   |                |                |     |     |

|                              | MB        | MB        |          |                |                |     |     |  |  |  |
|------------------------------|-----------|-----------|----------|----------------|----------------|-----|-----|--|--|--|
| Surrogate                    | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil | Fac |  |  |  |
| a,a,a-Trifluorotoluene (fid) | 92        |           | 65 - 125 | 05/15/23 10:45 | 05/15/23 14:33 | 1   |     |  |  |  |

Lab Sample ID: LCS 400-625065/1-A

Matrix: Solid

Analysis Batch: 624856

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 625065

|                               | Spike | LCS    | LCS       |       |   |      |      |          |  |  |
|-------------------------------|-------|--------|-----------|-------|---|------|------|----------|--|--|
| Analyte                       | Added | Result | Qualifier | Unit  | D | %Rec | %Rec | Limits   |  |  |
| Gasoline Range Organics (GRO) | 1000  | 1100   |           | ug/Kg |   | 110  |      | 62 - 141 |  |  |
| C6--C10                       |       |        |           |       |   |      |      |          |  |  |

|                              | LCS       | LCS       |          |
|------------------------------|-----------|-----------|----------|
| Surrogate                    | %Recovery | Qualifier | Limits   |
| a,a,a-Trifluorotoluene (fid) | 96        |           | 65 - 125 |

Lab Sample ID: 400-237360-3 MS

Matrix: Solid

Analysis Batch: 624856

Client Sample ID: SB04 65FT

Prep Type: Total/NA

Prep Batch: 625065

|                               | Sample | Sample    | Spike | MS     | MS        |       |   |      |      |          |
|-------------------------------|--------|-----------|-------|--------|-----------|-------|---|------|------|----------|
| Analyte                       | Result | Qualifier | Added | Result | Qualifier | Unit  | D | %Rec | %Rec | Limits   |
| Gasoline Range Organics (GRO) | 46000  |           | 59600 | 101000 |           | ug/Kg | ✧ | 92   |      | 10 - 150 |
| C6--C10                       |        |           |       |        |           |       |   |      |      |          |

|                              | MS        | MS        |          |
|------------------------------|-----------|-----------|----------|
| Surrogate                    | %Recovery | Qualifier | Limits   |
| a,a,a-Trifluorotoluene (fid) | 92        |           | 65 - 125 |

Lab Sample ID: 400-237360-3 MSD

Matrix: Solid

Analysis Batch: 624856

Client Sample ID: SB04 65FT

Prep Type: Total/NA

Prep Batch: 625065

|                               | Sample | Sample    | Spike | MSD    | MSD       |       |   |      |      |          |     |
|-------------------------------|--------|-----------|-------|--------|-----------|-------|---|------|------|----------|-----|
| Analyte                       | Result | Qualifier | Added | Result | Qualifier | Unit  | D | %Rec | %Rec | Limits   | RPD |
| Gasoline Range Organics (GRO) | 46000  |           | 59600 | 112000 |           | ug/Kg | ✧ | 110  |      | 10 - 150 | 10  |
| C6--C10                       |        |           |       |        |           |       |   |      |      |          | 32  |

|                              | MSD       | MSD       |          |
|------------------------------|-----------|-----------|----------|
| Surrogate                    | %Recovery | Qualifier | Limits   |
| a,a,a-Trifluorotoluene (fid) | 91        |           | 65 - 125 |

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## QC Sample Results

Client: Stantec Consulting Services Inc  
Project/Site: Blanco Field North Flare Pit.00

Job ID: 400-237360-1  
SDG: Kutz Area

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

Lab Sample ID: MB 400-625250/2-A

Matrix: Solid

Analysis Batch: 625217

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 625250

| Analyte                                  | MB<br>Result | MB<br>Qualifier | RL  | MDL | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|------------------------------------------|--------------|-----------------|-----|-----|-------|---|----------------|----------------|---------|
| Gasoline Range Organics (GRO)<br>C6--C10 | 50           | U               | 100 | 50  | ug/Kg |   | 05/17/23 10:49 | 05/17/23 12:07 | 1       |

| Surrogate                    | MB<br>%Recovery | MB<br>Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|------------------------------|-----------------|-----------------|----------|----------------|----------------|---------|
| a,a,a-Trifluorotoluene (fid) | 94              |                 | 65 - 125 | 05/17/23 10:49 | 05/17/23 12:07 | 1       |

Lab Sample ID: LCS 400-625250/1-A

Matrix: Solid

Analysis Batch: 625217

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 625250

| Analyte                                  | Spike<br>Added | LCS<br>Result | LCS<br>Qualifier | Unit  | D | %Rec | %Rec<br>Limits |
|------------------------------------------|----------------|---------------|------------------|-------|---|------|----------------|
| Gasoline Range Organics (GRO)<br>C6--C10 | 1000           | 1180          |                  | ug/Kg |   | 118  | 62 - 141       |

| Surrogate                    | LCS<br>%Recovery | LCS<br>Qualifier | Limits   |
|------------------------------|------------------|------------------|----------|
| a,a,a-Trifluorotoluene (fid) | 99               |                  | 65 - 125 |

Lab Sample ID: MB 400-625374/2-A

Matrix: Solid

Analysis Batch: 625024

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 625374

| Analyte                                  | MB<br>Result | MB<br>Qualifier | RL  | MDL | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|------------------------------------------|--------------|-----------------|-----|-----|-------|---|----------------|----------------|---------|
| Gasoline Range Organics (GRO)<br>C6--C10 | 50           | U               | 100 | 50  | ug/Kg |   | 05/16/23 09:36 | 05/16/23 10:48 | 1       |

| Surrogate                    | MB<br>%Recovery | MB<br>Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|------------------------------|-----------------|-----------------|----------|----------------|----------------|---------|
| a,a,a-Trifluorotoluene (fid) | 92              |                 | 65 - 125 | 05/16/23 09:36 | 05/16/23 10:48 | 1       |

Lab Sample ID: LCS 400-625374/1-A

Matrix: Solid

Analysis Batch: 625024

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 625374

| Analyte                                  | Spike<br>Added | LCS<br>Result | LCS<br>Qualifier | Unit  | D | %Rec | %Rec<br>Limits |
|------------------------------------------|----------------|---------------|------------------|-------|---|------|----------------|
| Gasoline Range Organics (GRO)<br>C6--C10 | 1000           | 1030          |                  | ug/Kg |   | 103  | 62 - 141       |

| Surrogate                    | LCS<br>%Recovery | LCS<br>Qualifier | Limits   |
|------------------------------|------------------|------------------|----------|
| a,a,a-Trifluorotoluene (fid) | 92               |                  | 65 - 125 |

Lab Sample ID: 400-237360-18 MS

Matrix: Solid

Analysis Batch: 625024

Client Sample ID: SB07 19FT

Prep Type: Total/NA

Prep Batch: 625374

| Analyte                                  | Sample<br>Result | Sample<br>Qualifier | Spike<br>Added | MS<br>Result | MS<br>Qualifier | Unit  | D | %Rec | %Rec<br>Limits |
|------------------------------------------|------------------|---------------------|----------------|--------------|-----------------|-------|---|------|----------------|
| Gasoline Range Organics (GRO)<br>C6--C10 | 2500             | U                   | 49400          | 56600        |                 | ug/Kg | ✱ | 115  | 10 - 150       |

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## QC Sample Results

Client: Stantec Consulting Services Inc  
Project/Site: Blanco Field North Flare Pit.00

Job ID: 400-237360-1  
SDG: Kutz Area

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

Lab Sample ID: 400-237360-18 MS

Matrix: Solid

Analysis Batch: 625024

Client Sample ID: SB07 19FT

Prep Type: Total/NA

Prep Batch: 625374

|                              | MS        | MS        |          |
|------------------------------|-----------|-----------|----------|
| Surrogate                    | %Recovery | Qualifier | Limits   |
| a,a,a-Trifluorotoluene (fid) | 96        |           | 65 - 125 |

Lab Sample ID: 400-237360-18 MSD

Matrix: Solid

Analysis Batch: 625024

Client Sample ID: SB07 19FT

Prep Type: Total/NA

Prep Batch: 625374

| Analyte                                  | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit  | D | %Rec | %Rec Limits | RPD | RPD Limit |
|------------------------------------------|---------------|------------------|-------------|------------|---------------|-------|---|------|-------------|-----|-----------|
| Gasoline Range Organics (GRO)<br>C6--C10 | 2500          | U                | 49400       | 54400      |               | ug/Kg | ✱ | 110  | 10 - 150    | 4   | 32        |
|                                          | MSD           | MSD              |             |            |               |       |   |      |             |     |           |
| Surrogate                                | %Recovery     | Qualifier        | Limits      |            |               |       |   |      |             |     |           |
| a,a,a-Trifluorotoluene (fid)             | 93            |                  | 65 - 125    |            |               |       |   |      |             |     |           |

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

Lab Sample ID: MB 400-624587/1-A

Matrix: Solid

Analysis Batch: 624686

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 624587

| Analyte                     | MB Result | MB Qualifier | RL       | MDL | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|-----------|--------------|----------|-----|-------|---|----------------|----------------|---------|
| Diesel Range Organics (DRO) | 2.0       | U            | 5.0      | 2.0 | mg/Kg |   | 05/12/23 08:38 | 05/12/23 15:49 | 1       |
| Oil Range Organics (ORO)    | 2.0       | U            | 5.0      | 2.0 | mg/Kg |   | 05/12/23 08:38 | 05/12/23 15:49 | 1       |
|                             | MB        | MB           |          |     |       |   |                |                |         |
| Surrogate                   | %Recovery | Qualifier    | Limits   |     |       |   | Prepared       | Analyzed       | Dil Fac |
| o-Terphenyl                 | 121       |              | 27 - 150 |     |       |   | 05/12/23 08:38 | 05/12/23 15:49 | 1       |

Lab Sample ID: LCS 400-624587/2-A

Matrix: Solid

Analysis Batch: 624686

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 624587

| Analyte                     | Spike Added | LCS Result | LCS Qualifier | Unit  | D | %Rec | %Rec Limits |
|-----------------------------|-------------|------------|---------------|-------|---|------|-------------|
| Diesel Range Organics (DRO) | 268         | 233        |               | mg/Kg |   | 87   | 38 - 116    |
|                             | LCS         | LCS        |               |       |   |      |             |
| Surrogate                   | %Recovery   | Qualifier  | Limits        |       |   |      |             |
| o-Terphenyl                 | 108         |            | 27 - 150      |       |   |      |             |

Lab Sample ID: MB 400-624994/1-A

Matrix: Solid

Analysis Batch: 625137

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 624994

| Analyte                     | MB Result | MB Qualifier | RL       | MDL | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|-----------|--------------|----------|-----|-------|---|----------------|----------------|---------|
| Diesel Range Organics (DRO) | 2.0       | U            | 5.0      | 2.0 | mg/Kg |   | 05/15/23 23:45 | 05/17/23 15:27 | 1       |
| Oil Range Organics (ORO)    | 2.0       | U            | 5.0      | 2.0 | mg/Kg |   | 05/15/23 23:45 | 05/17/23 15:27 | 1       |
|                             | MB        | MB           |          |     |       |   |                |                |         |
| Surrogate                   | %Recovery | Qualifier    | Limits   |     |       |   | Prepared       | Analyzed       | Dil Fac |
| o-Terphenyl                 | 100       |              | 27 - 150 |     |       |   | 05/15/23 23:45 | 05/17/23 15:27 | 1       |

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## QC Sample Results

Client: Stantec Consulting Services Inc  
Project/Site: Blanco Field North Flare Pit.00

Job ID: 400-237360-1  
SDG: Kutz Area

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

Lab Sample ID: LCS 400-624994/2-A

Matrix: Solid

Analysis Batch: 625137

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 624994

| Analyte                     |               |               | Spike Added | LCS Result | LCS Qualifier | Unit  | D | %Rec | %Rec Limits |  |  |
|-----------------------------|---------------|---------------|-------------|------------|---------------|-------|---|------|-------------|--|--|
| Diesel Range Organics (DRO) |               |               | 292         | 225        |               | mg/Kg |   | 77   | 38 - 116    |  |  |
|                             | LCS %Recovery | LCS Qualifier | Limits      |            |               |       |   |      |             |  |  |
| Surrogate                   |               |               |             |            |               |       |   |      |             |  |  |
| o-Terphenyl                 | 111           |               | 27 - 150    |            |               |       |   |      |             |  |  |

Lab Sample ID: 400-237360-7 MS

Matrix: Solid

Analysis Batch: 625137

Client Sample ID: SB06 18FT

Prep Type: Total/NA

Prep Batch: 624994

| Analyte                     | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit  | D | %Rec | %Rec Limits |  |  |
|-----------------------------|---------------|------------------|-------------|-----------|--------------|-------|---|------|-------------|--|--|
| Diesel Range Organics (DRO) | 2.2           | U                | 318         | 303       |              | mg/Kg | ✱ | 95   | 62 - 150    |  |  |
|                             | MS %Recovery  | MS Qualifier     | Limits      |           |              |       |   |      |             |  |  |
| Surrogate                   |               |                  |             |           |              |       |   |      |             |  |  |
| o-Terphenyl                 | 132           |                  | 27 - 150    |           |              |       |   |      |             |  |  |

Lab Sample ID: 400-237360-7 MSD

Matrix: Solid

Analysis Batch: 625137

Client Sample ID: SB06 18FT

Prep Type: Total/NA

Prep Batch: 624994

| Analyte                     | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit  | D | %Rec | %Rec Limits | RPD | RPD Limit |
|-----------------------------|---------------|------------------|-------------|------------|---------------|-------|---|------|-------------|-----|-----------|
| Diesel Range Organics (DRO) | 2.2           | U                | 315         | 224        |               | mg/Kg | ✱ | 71   | 62 - 150    | 30  | 30        |
|                             | MSD %Recovery | MSD Qualifier    | Limits      |            |               |       |   |      |             |     |           |
| Surrogate                   |               |                  |             |            |               |       |   |      |             |     |           |
| o-Terphenyl                 | 98            |                  | 27 - 150    |            |               |       |   |      |             |     |           |

## Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 400-624490/1-A

Matrix: Solid

Analysis Batch: 624556

Client Sample ID: Method Blank

Prep Type: Soluble

| Analyte  | MB Result | MB Qualifier | RL | MDL | Unit  | D | Prepared | Analyzed       | Dil Fac |
|----------|-----------|--------------|----|-----|-------|---|----------|----------------|---------|
| Chloride | 2.3       | U            | 20 | 2.3 | mg/Kg |   |          | 05/11/23 23:12 | 1       |

Lab Sample ID: LCS 400-624490/2-A

Matrix: Solid

Analysis Batch: 624556

Client Sample ID: Lab Control Sample

Prep Type: Soluble

| Analyte  |  |  | Spike Added | LCS Result | LCS Qualifier | Unit  | D | %Rec | %Rec Limits |  |  |
|----------|--|--|-------------|------------|---------------|-------|---|------|-------------|--|--|
| Chloride |  |  | 99.1        | 116        |               | mg/Kg |   | 118  | 80 - 120    |  |  |

Lab Sample ID: LCSD 400-624490/3-A

Matrix: Solid

Analysis Batch: 624556

Client Sample ID: Lab Control Sample Dup

Prep Type: Soluble

| Analyte  |  |  | Spike Added | LCSD Result | LCSD Qualifier | Unit  | D | %Rec | %Rec Limits | RPD | RPD Limit |
|----------|--|--|-------------|-------------|----------------|-------|---|------|-------------|-----|-----------|
| Chloride |  |  | 100         | 117         |                | mg/Kg |   | 117  | 80 - 120    | 1   | 15        |

Eurofins Pensacola

## QC Sample Results

Client: Stantec Consulting Services Inc  
Project/Site: Blanco Field North Flare Pit.00

Job ID: 400-237360-1  
SDG: Kutz Area

## Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: MB 400-624911/1-A

Matrix: Solid

Analysis Batch: 625158

Client Sample ID: Method Blank

Prep Type: Soluble

| Analyte  | MB<br>Result | MB<br>Qualifier | RL | MDL | Unit  | D | Prepared | Analyzed       | Dil Fac |
|----------|--------------|-----------------|----|-----|-------|---|----------|----------------|---------|
| Chloride | 2.3          | U               | 20 | 2.3 | mg/Kg |   |          | 05/16/23 23:06 | 1       |

Lab Sample ID: LCS 400-624911/2-A

Matrix: Solid

Analysis Batch: 625158

Client Sample ID: Lab Control Sample

Prep Type: Soluble

| Analyte  | Spike<br>Added | LCS<br>Result | LCS<br>Qualifier | Unit  | D | %Rec | %Rec<br>Limits |
|----------|----------------|---------------|------------------|-------|---|------|----------------|
| Chloride | 99.7           | 111           |                  | mg/Kg |   | 111  | 80 - 120       |

Lab Sample ID: LCSD 400-624911/3-A

Matrix: Solid

Analysis Batch: 625158

Client Sample ID: Lab Control Sample Dup

Prep Type: Soluble

| Analyte  | Spike<br>Added | LCSD<br>Result | LCSD<br>Qualifier | Unit  | D | %Rec | %Rec<br>Limits | RPD | RPD<br>Limit |
|----------|----------------|----------------|-------------------|-------|---|------|----------------|-----|--------------|
| Chloride | 98.8           | 113            |                   | mg/Kg |   | 114  | 80 - 120       | 2   | 15           |

Lab Sample ID: 400-237360-10 MS

Matrix: Solid

Analysis Batch: 625158

Client Sample ID: SB06 69FT

Prep Type: Soluble

| Analyte  | Sample<br>Result | Sample<br>Qualifier | Spike<br>Added | MS<br>Result | MS<br>Qualifier | Unit  | D | %Rec | %Rec<br>Limits |
|----------|------------------|---------------------|----------------|--------------|-----------------|-------|---|------|----------------|
| Chloride | 6.3              | J                   | 108            | 132          |                 | mg/Kg | ⚠ | 116  | 80 - 120       |

Lab Sample ID: 400-237360-10 MSD

Matrix: Solid

Analysis Batch: 625158

Client Sample ID: SB06 69FT

Prep Type: Soluble

| Analyte  | Sample<br>Result | Sample<br>Qualifier | Spike<br>Added | MSD<br>Result | MSD<br>Qualifier | Unit  | D | %Rec | %Rec<br>Limits | RPD | RPD<br>Limit |
|----------|------------------|---------------------|----------------|---------------|------------------|-------|---|------|----------------|-----|--------------|
| Chloride | 6.3              | J                   | 109            | 131           |                  | mg/Kg | ⚠ | 115  | 80 - 120       | 0   | 15           |

## Method: Moisture - Percent Moisture

Lab Sample ID: 400-237360-4 DU

Matrix: Solid

Analysis Batch: 624754

Client Sample ID: SB05 27FT

Prep Type: Total/NA

| Analyte          | Sample<br>Result | Sample<br>Qualifier | DU<br>Result | DU<br>Qualifier | Unit | D | RPD | RPD<br>Limit |
|------------------|------------------|---------------------|--------------|-----------------|------|---|-----|--------------|
| Percent Solids   | 87.7             |                     | 88.3         |                 | %    |   | 0.7 | 10           |
| Percent Moisture | 12.3             |                     | 11.7         |                 | %    |   | 5   |              |

Eurofins Pensacola

## Login Sample Receipt Checklist

Client: Stantec Consulting Services Inc

Job Number: 400-237360-1

SDG Number: Kutz Area

**Login Number: 237360****List Number: 1****Creator: Whitley, Adrian****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.                                        | 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   | 0.8°C IR11 |
| COC is present.                                                                          | True   |            |
| COC is filled out in ink and legible.                                                    | True   |            |
| COC is filled out with all pertinent information.                                        | True   |            |
| Is the Field Sampler's name present on COC?                                              | True   |            |
| There are no discrepancies between the containers received and the COC.                  | True   |            |
| Samples are received within Holding Time (excluding tests with immediate HTs)            | True   |            |
| Sample containers have legible labels.                                                   | True   |            |
| Containers are not broken or leaking.                                                    | True   |            |
| Sample collection date/times are provided.                                               | True   |            |
| Appropriate sample containers are used.                                                  | True   |            |
| Sample bottles are completely filled.                                                    | True   |            |
| Sample Preservation Verified.                                                            | N/A    |            |
| There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs         | True   |            |
| Containers requiring zero headspace have no headspace or bubble is $<6\text{mm}$ (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

|                                                                                                                                                                                                                                   |  |                                                                              |                               |                                             |                                                                    |                                                                                                                                                                                                                                                                                                                                                                           |                           |                                   |  |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|------------------------------------------------------------------------------|-------------------------------|---------------------------------------------|--------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------|-----------------------------------|--|
| <b>Client Information</b>                                                                                                                                                                                                         |  | Sampler: <b>Rob Malcomson</b>                                                |                               | Lab PM: Whitmire, Cheyenne R                |                                                                    | Carrier Tracking No(s):                                                                                                                                                                                                                                                                                                                                                   |                           | COC No: 400-118959-40933.2        |  |
| Client Contact: Steve Varsa                                                                                                                                                                                                       |  | Phone: <b>515 710 9815</b>                                                   |                               | E-Mail: Cheyenne.Whitmire@et.eurofinsus.com |                                                                    | State of Origin: <b>NM</b>                                                                                                                                                                                                                                                                                                                                                |                           | Page: Page 2 of 3                 |  |
| Company: Stantec Consulting Services Inc                                                                                                                                                                                          |  |                                                                              |                               | PWSID:                                      |                                                                    | Analysis Requested                                                                                                                                                                                                                                                                                                                                                        |                           |                                   |  |
| Address: 11311 Aurora Avenue                                                                                                                                                                                                      |  | Due Date Requested:                                                          |                               | <br>400-237360 COC                          |                                                                    | <b>Preservation Codes:</b><br>A - HCL M - Hexane<br>B - NaOH N - None<br>C - Zn Acetate O - AsNaO2<br>D - Nitric Acid P - Na2O4S<br>E - NaHSO4 Q - Na2SO3<br>F - MeOH R - Na2S2O3<br>G - Amchlor S - H2SO4<br>H - Ascorbic Acid T - TSP Dodecahydrate<br>I - Ice U - Acetone<br>J - DI Water V - MCAA<br>K - EDTA W - pH 4-5<br>L - EDA Y - Trizma<br>Z - other (specify) |                           |                                   |  |
| City: Des Moines                                                                                                                                                                                                                  |  | TAT Requested (days): <b>Standard</b>                                        |                               |                                             |                                                                    |                                                                                                                                                                                                                                                                                                                                                                           |                           |                                   |  |
| State, Zip: IA, 50322-7904                                                                                                                                                                                                        |  | Compliance Project: <input type="checkbox"/> Yes <input type="checkbox"/> No |                               |                                             |                                                                    |                                                                                                                                                                                                                                                                                                                                                                           |                           |                                   |  |
| Phone: <b>515 710 9815</b>                                                                                                                                                                                                        |  | PO #: WD1040009                                                              |                               |                                             |                                                                    |                                                                                                                                                                                                                                                                                                                                                                           |                           |                                   |  |
| Email: steve.varsa@stantec.com                                                                                                                                                                                                    |  | WO #: Blanco NFP_ERG_ARF_20230223                                            |                               |                                             |                                                                    |                                                                                                                                                                                                                                                                                                                                                                           |                           |                                   |  |
| Project Name: Blanco Field North Flare Pit.00                                                                                                                                                                                     |  | Project #: 40012762                                                          |                               | SSOW#:                                      |                                                                    | <b>Special Instructions/Note:</b>                                                                                                                                                                                                                                                                                                                                         |                           |                                   |  |
| Site: <b>Kutz Area</b>                                                                                                                                                                                                            |  |                                                                              |                               |                                             |                                                                    |                                                                                                                                                                                                                                                                                                                                                                           |                           |                                   |  |
| <b>Sample Identification</b>                                                                                                                                                                                                      |  | <b>Sample Date</b>                                                           | <b>Sample Time</b>            | <b>Sample Type</b><br>(C=comp, G=grab)      | <b>Matrix</b><br>(W=water, S=solid, O=waste/oil, BT=Tissue, A=Air) | <b>Field Filtered Sample (Yes or No)</b>                                                                                                                                                                                                                                                                                                                                  |                           | <b>Total Number of Containers</b> |  |
|                                                                                                                                                                                                                                   |  |                                                                              |                               |                                             |                                                                    |                                                                                                                                                                                                                                                                                                                                                                           |                           |                                   |  |
| SB04 30 ft.                                                                                                                                                                                                                       |  | 5/2/23                                                                       | 1455                          | G                                           | Solid                                                              | X X X X X                                                                                                                                                                                                                                                                                                                                                                 |                           | 2                                 |  |
| SB04 57 ft.                                                                                                                                                                                                                       |  | 5/3/23                                                                       | 1040                          | G                                           | Solid                                                              | X X X X X                                                                                                                                                                                                                                                                                                                                                                 |                           | 2                                 |  |
| SB04 65 ft.                                                                                                                                                                                                                       |  | 5/3/23                                                                       | 1220                          | G                                           | Solid                                                              | X X X X X                                                                                                                                                                                                                                                                                                                                                                 |                           | 2                                 |  |
| SB05 27 ft.                                                                                                                                                                                                                       |  | 5/4/23                                                                       | 0850                          | G                                           | Solid                                                              | X X X X X                                                                                                                                                                                                                                                                                                                                                                 |                           | 2                                 |  |
| SB05 57 ft.                                                                                                                                                                                                                       |  | 5/4/23                                                                       | 1145                          | G                                           | Solid                                                              | X X X X X                                                                                                                                                                                                                                                                                                                                                                 |                           | 2                                 |  |
| SB05 60 ft.                                                                                                                                                                                                                       |  | 5/4/23                                                                       | 1205                          | G                                           | Solid                                                              | X X X X X                                                                                                                                                                                                                                                                                                                                                                 |                           | 2                                 |  |
| SB06 18 ft.                                                                                                                                                                                                                       |  | 5/5/23                                                                       | 1640                          | G                                           | Solid                                                              | X X X X X                                                                                                                                                                                                                                                                                                                                                                 |                           | 2                                 |  |
| SB06 30 ft.                                                                                                                                                                                                                       |  | 5/5/23                                                                       | 1705                          | G                                           | Solid                                                              | X X X X X                                                                                                                                                                                                                                                                                                                                                                 |                           | 2                                 |  |
| SB06 58 ft.                                                                                                                                                                                                                       |  | 5/6/23                                                                       | 0915                          | G                                           | Solid                                                              | X X X X X                                                                                                                                                                                                                                                                                                                                                                 |                           | 2                                 |  |
| SB06 69 ft.                                                                                                                                                                                                                       |  | 5/6/23                                                                       | 1040                          | G                                           | Solid                                                              | X X X X X                                                                                                                                                                                                                                                                                                                                                                 |                           | 2                                 |  |
| MW60 27 ft.                                                                                                                                                                                                                       |  | 5/6/23                                                                       | 1415                          | G                                           | Solid                                                              | X X X X X                                                                                                                                                                                                                                                                                                                                                                 |                           | 2                                 |  |
| <b>Possible Hazard Identification</b>                                                                                                                                                                                             |  |                                                                              |                               |                                             |                                                                    | <b>Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)</b>                                                                                                                                                                                                                                                                                |                           |                                   |  |
| <input checked="" type="checkbox"/> Non-Hazard <input type="checkbox"/> Flammable <input type="checkbox"/> Skin Irritant <input type="checkbox"/> Poison B <input type="checkbox"/> Unknown <input type="checkbox"/> Radiological |  |                                                                              |                               |                                             |                                                                    | <input type="checkbox"/> Return To Client <input checked="" type="checkbox"/> Disposal By Lab <input type="checkbox"/> 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: <b>Rob Malcomson</b>                                                                                                                                                                                             |  |                                                                              | Date/Time: <b>5/8/23 1200</b> |                                             | Company: <b>Stantec</b>                                            |                                                                                                                                                                                                                                                                                                                                                                           | Received by: <b>FedEx</b> |                                   |  |
| Relinquished by:                                                                                                                                                                                                                  |  |                                                                              | Date/Time:                    |                                             | Company:                                                           |                                                                                                                                                                                                                                                                                                                                                                           | Received by:              |                                   |  |
| Relinquished by:                                                                                                                                                                                                                  |  |                                                                              | Date/Time:                    |                                             | Company:                                                           |                                                                                                                                                                                                                                                                                                                                                                           | Received by:              |                                   |  |
| Custody Seals Intact: <input type="checkbox"/> Yes <input type="checkbox"/> No                                                                                                                                                    |  |                                                                              | Custody Seal No.:             |                                             | Cooler Temperature(s) °C and Other Remarks: <b>0.8°C LRII</b>      |                                                                                                                                                                                                                                                                                                                                                                           |                           |                                   |  |

MW 60 63 ft.

[5/6/23] [1700] G [Solid] [X] [X] [X] [X]

[2]

Ver: 06/08/2021

[illegible]

## Accreditation/Certification Summary

Client: Stantec Consulting Services Inc  
Project/Site: Blanco Field North Flare Pit.00

Job ID: 400-237360-1  
SDG: Kutz Area

### Laboratory: Eurofins Pensacola

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

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



Environment Testing

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# ANALYTICAL REPORT

## PREPARED FOR

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

Generated 6/22/2023 5:27:16 PM

## JOB DESCRIPTION

Blanco North - Kutz Area Assessment  
SDG NUMBER Blanco Field North Flare Pit.00

## JOB NUMBER

400-237555-1

Eurofins Pensacola  
3355 McLemore Drive  
Pensacola FL 32514

# Eurofins Pensacola

## Job Notes

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

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

## Authorization



Generated  
6/22/2023 5:27:16 PM

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

Client: Stantec Consulting Services Inc  
Project/Site: Blanco North - Kutz Area Assessment

Laboratory Job ID: 400-237555-1  
SDG: Blanco Field North Flare Pit.00

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## Case Narrative

Client: Stantec Consulting Services Inc  
Project/Site: Blanco North - Kutz Area Assessment

Job ID: 400-237555-1  
SDG: Blanco Field North Flare Pit.00

### Job ID: 400-237555-1

#### Laboratory: Eurofins Pensacola

#### Narrative

#### Job Narrative 400-237555-1

#### Comments

No additional comments.

#### Receipt

The samples were received on 5/11/2023 9:34 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 1.3° C.

#### GC/MS VOA

Method 8260D: The following samples were diluted to bring the concentration of target analytes within the calibration range: MW59 63 (400-237555-4), MW58 17FT (400-237555-6), MW58 20FT (400-237555-7), MW58 25FT (400-237555-8), MW58 36FT (400-237555-9) and MW58 46FT (400-237555-10). Elevated reporting limits (RLs) are provided.

Method 8260D: Surrogate recovery for the following sample was outside control limits: MW58 25FT (400-237555-8). Evidence of matrix interference is present.

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

#### HPLC/IC

Method 300.0: The continuing calibration verification (CCV) for analytical batch 400-625361 recovered outside control limits for the following analytes: Chloride. The LCS/LCSD recovered within control limits. (CCV 400-625361/14)

Method 300.0: The matrix spike (MS) recovery for preparation batch 400-625078 and analytical batch 400-625361 was 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: The matrix spike / matrix spike duplicate (MS/MSD) precision for preparation batch 400-625078 and analytical batch 400-625361 was outside control limits. Sample matrix interference is suspected.

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

#### GC VOA

Method 8015B: The following samples were diluted because the base dilution for methanol preserved soil analysis is 1:50: MW59 15FT (400-237555-1), MW59 47FT (400-237555-2), MW59 58FT (400-237555-3), MW59 63 (400-237555-4), MW58 14FT (400-237555-5) and MW58 62FT (400-237555-11).

Method 8015B: The following samples were diluted to bring the concentration of target analytes within the calibration range: MW58 17FT (400-237555-6), MW58 20FT (400-237555-7), MW58 25FT (400-237555-8), MW58 36FT (400-237555-9) and MW58 46FT (400-237555-10). 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.

#### GC Semi VOA

Method 8015C: The surrogate recovery for the LCS was outside control limits; however, the recovery for the spiked target analyte was within control limits; therefore, the data is reported.  
(LCS 400-625392/2-A)

Method 8015C: The following samples were diluted to bring the concentration of target analytes within the calibration range: MW58 17FT (400-237555-6), MW58 25FT (400-237555-8) and MW58 46FT (400-237555-10). 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.

#### General Chemistry

Case Narrative

Client: Stantec Consulting Services Inc  
Project/Site: Blanco North - Kutz Area Assessment

Job ID: 400-237555-1  
SDG: Blanco Field North Flare Pit.00

Job ID: 400-237555-1 (Continued)

Laboratory: Eurofins Pensacola (Continued)

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

Organic Prep

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

VOA Prep

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

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## Detection Summary

Client: Stantec Consulting Services Inc  
Project/Site: Blanco North - Kutz Area Assessment

Job ID: 400-237555-1  
SDG: Blanco Field North Flare Pit.00

## Client Sample ID: MW59 15FT

## Lab Sample ID: 400-237555-1

| Analyte  | Result | Qualifier | RL | MDL | Unit  | Dil Fac | D | Method | Prep Type |
|----------|--------|-----------|----|-----|-------|---------|---|--------|-----------|
| Chloride | 290    |           | 22 | 2.5 | mg/Kg | 1       | ✱ | 300.0  | Soluble   |

## Client Sample ID: MW59 47FT

## Lab Sample ID: 400-237555-2

| Analyte  | Result | Qualifier | RL | MDL | Unit  | Dil Fac | D | Method | Prep Type |
|----------|--------|-----------|----|-----|-------|---------|---|--------|-----------|
| Chloride | 7.3    | J         | 22 | 2.5 | mg/Kg | 1       | ✱ | 300.0  | Soluble   |

## Client Sample ID: MW59 58FT

## Lab Sample ID: 400-237555-3

| Analyte                                  | Result | Qualifier | RL     | MDL     | Unit  | Dil Fac | D | Method | Prep Type |
|------------------------------------------|--------|-----------|--------|---------|-------|---------|---|--------|-----------|
| Benzene                                  | 0.0020 | J         | 0.0056 | 0.00075 | mg/Kg | 1       | ✱ | 8260D  | Total/NA  |
| Ethylbenzene                             | 0.0033 | J         | 0.0056 | 0.00068 | mg/Kg | 1       | ✱ | 8260D  | Total/NA  |
| Toluene                                  | 0.029  |           | 0.0056 | 0.0011  | mg/Kg | 1       | ✱ | 8260D  | Total/NA  |
| Xylenes, Total                           | 0.044  |           | 0.011  | 0.0021  | mg/Kg | 1       | ✱ | 8260D  | Total/NA  |
| Gasoline Range Organics (GRO)<br>C6--C10 | 14000  |           | 6000   | 3000    | ug/Kg | 50      | ✱ | 8015B  | Total/NA  |
| Diesel Range Organics [C10-C28]          | 11     |           | 5.5    | 2.2     | mg/Kg | 1       | ✱ | 8015C  | Total/NA  |
| Chloride                                 | 3.1    | J         | 22     | 2.5     | mg/Kg | 1       | ✱ | 300.0  | Soluble   |

## Client Sample ID: MW59 63

## Lab Sample ID: 400-237555-4

| Analyte                                  | Result | Qualifier | RL   | MDL   | Unit  | Dil Fac | D | Method | Prep Type |
|------------------------------------------|--------|-----------|------|-------|-------|---------|---|--------|-----------|
| Benzene                                  | 0.54   |           | 0.26 | 0.035 | mg/Kg | 50      | ✱ | 8260D  | Total/NA  |
| Ethylbenzene                             | 0.26   |           | 0.26 | 0.032 | mg/Kg | 50      | ✱ | 8260D  | Total/NA  |
| Toluene                                  | 3.8    |           | 0.26 | 0.052 | mg/Kg | 50      | ✱ | 8260D  | Total/NA  |
| Xylenes, Total                           | 3.8    |           | 0.52 | 0.099 | mg/Kg | 50      | ✱ | 8260D  | Total/NA  |
| Gasoline Range Organics (GRO)<br>C6--C10 | 45000  |           | 5200 | 2600  | ug/Kg | 50      | ✱ | 8015B  | Total/NA  |
| Diesel Range Organics [C10-C28]          | 66     |           | 5.0  | 2.0   | mg/Kg | 1       | ✱ | 8015C  | Total/NA  |
| Oil Range Organics (C28-C35)             | 6.2    |           | 5.0  | 2.0   | mg/Kg | 1       | ✱ | 8015C  | Total/NA  |
| Chloride                                 | 3.5    | J         | 21   | 2.4   | mg/Kg | 1       | ✱ | 300.0  | Soluble   |

## Client Sample ID: MW58 14FT

## Lab Sample ID: 400-237555-5

| Analyte                                  | Result | Qualifier | RL   | MDL  | Unit  | Dil Fac | D | Method | Prep Type |
|------------------------------------------|--------|-----------|------|------|-------|---------|---|--------|-----------|
| Gasoline Range Organics (GRO)<br>C6--C10 | 3500   | J         | 5900 | 2900 | ug/Kg | 50      | ✱ | 8015B  | Total/NA  |
| Diesel Range Organics [C10-C28]          | 6.0    |           | 5.5  | 2.2  | mg/Kg | 1       | ✱ | 8015C  | Total/NA  |
| Oil Range Organics (C28-C35)             | 8.8    |           | 5.5  | 2.2  | mg/Kg | 1       | ✱ | 8015C  | Total/NA  |
| Chloride                                 | 33     | F2 F1     | 23   | 2.6  | mg/Kg | 1       | ✱ | 300.0  | Soluble   |

## Client Sample ID: MW58 17FT

## Lab Sample ID: 400-237555-6

| Analyte                                  | Result  | Qualifier | RL     | MDL   | Unit  | Dil Fac | D | Method | Prep Type |
|------------------------------------------|---------|-----------|--------|-------|-------|---------|---|--------|-----------|
| Ethylbenzene                             | 2.6     |           | 0.69   | 0.085 | mg/Kg | 100     | ✱ | 8260D  | Total/NA  |
| Toluene                                  | 1.0     |           | 0.69   | 0.14  | mg/Kg | 100     | ✱ | 8260D  | Total/NA  |
| Xylenes, Total                           | 26      |           | 1.4    | 0.26  | mg/Kg | 100     | ✱ | 8260D  | Total/NA  |
| Gasoline Range Organics (GRO)<br>C6--C10 | 2100000 |           | 140000 | 69000 | ug/Kg | 1000    | ✱ | 8015B  | Total/NA  |
| Diesel Range Organics [C10-C28]          | 1100    |           | 30     | 12    | mg/Kg | 5       | ✱ | 8015C  | Total/NA  |
| Oil Range Organics (C28-C35)             | 250     |           | 6.0    | 2.4   | mg/Kg | 1       | ✱ | 8015C  | Total/NA  |
| Chloride                                 | 580     |           | 24     | 2.8   | mg/Kg | 1       | ✱ | 300.0  | Soluble   |

This Detection Summary does not include radiochemical test results.

Eurofins Pensacola

## Detection Summary

Client: Stantec Consulting Services Inc  
Project/Site: Blanco North - Kutz Area Assessment

Job ID: 400-237555-1  
SDG: Blanco Field North Flare Pit.00

## Client Sample ID: MW58 20FT

## Lab Sample ID: 400-237555-7

| Analyte                                  | Result | Qualifier | RL    | MDL   | Unit  | Dil Fac | D | Method | Prep Type |
|------------------------------------------|--------|-----------|-------|-------|-------|---------|---|--------|-----------|
| Ethylbenzene                             | 1.2    |           | 0.24  | 0.029 | mg/Kg | 50      | ✱ | 8260D  | Total/NA  |
| Toluene                                  | 0.47   |           | 0.24  | 0.048 | mg/Kg | 50      | ✱ | 8260D  | Total/NA  |
| Xylenes, Total                           | 13     |           | 0.48  | 0.092 | mg/Kg | 50      | ✱ | 8260D  | Total/NA  |
| Gasoline Range Organics (GRO)<br>C6--C10 | 580000 |           | 19000 | 9700  | ug/Kg | 200     | ✱ | 8015B  | Total/NA  |
| Diesel Range Organics [C10-C28]          | 560    |           | 4.9   | 2.0   | mg/Kg | 1       | ✱ | 8015C  | Total/NA  |
| Oil Range Organics (C28-C35)             | 99     |           | 4.9   | 2.0   | mg/Kg | 1       | ✱ | 8015C  | Total/NA  |
| Chloride                                 | 150    |           | 20    | 2.3   | mg/Kg | 1       | ✱ | 300.0  | Soluble   |

## Client Sample ID: MW58 25FT

## Lab Sample ID: 400-237555-8

| Analyte                                  | Result  | Qualifier | RL     | MDL    | Unit  | Dil Fac | D | Method | Prep Type |
|------------------------------------------|---------|-----------|--------|--------|-------|---------|---|--------|-----------|
| Ethylbenzene                             | 8.0     |           | 0.51   | 0.062  | mg/Kg | 100     | ✱ | 8260D  | Total/NA  |
| Toluene                                  | 4.8     |           | 0.51   | 0.10   | mg/Kg | 100     | ✱ | 8260D  | Total/NA  |
| Xylenes, Total - DL                      | 85      |           | 5.1    | 0.96   | mg/Kg | 500     | ✱ | 8260D  | Total/NA  |
| Gasoline Range Organics (GRO)<br>C6--C10 | 2800000 |           | 200000 | 100000 | ug/Kg | 2000    | ✱ | 8015B  | Total/NA  |
| Diesel Range Organics [C10-C28]          | 2900    |           | 24     | 9.8    | mg/Kg | 5       | ✱ | 8015C  | Total/NA  |
| Oil Range Organics (C28-C35)             | 510     |           | 4.9    | 2.0    | mg/Kg | 1       | ✱ | 8015C  | Total/NA  |
| Chloride                                 | 210     |           | 20     | 2.3    | mg/Kg | 1       | ✱ | 300.0  | Soluble   |

## Client Sample ID: MW58 36FT

## Lab Sample ID: 400-237555-9

| Analyte                                  | Result | Qualifier | RL    | MDL   | Unit  | Dil Fac | D | Method | Prep Type |
|------------------------------------------|--------|-----------|-------|-------|-------|---------|---|--------|-----------|
| Ethylbenzene                             | 0.17   | J         | 0.27  | 0.033 | mg/Kg | 50      | ✱ | 8260D  | Total/NA  |
| Toluene                                  | 0.11   | J         | 0.27  | 0.054 | mg/Kg | 50      | ✱ | 8260D  | Total/NA  |
| Xylenes, Total                           | 3.7    |           | 0.54  | 0.10  | mg/Kg | 50      | ✱ | 8260D  | Total/NA  |
| Gasoline Range Organics (GRO)<br>C6--C10 | 270000 |           | 27000 | 14000 | ug/Kg | 250     | ✱ | 8015B  | Total/NA  |
| Diesel Range Organics [C10-C28]          | 250    |           | 5.2   | 2.1   | mg/Kg | 1       | ✱ | 8015C  | Total/NA  |
| Oil Range Organics (C28-C35)             | 31     |           | 5.2   | 2.1   | mg/Kg | 1       | ✱ | 8015C  | Total/NA  |
| Chloride                                 | 37     |           | 21    | 2.4   | mg/Kg | 1       | ✱ | 300.0  | Soluble   |

## Client Sample ID: MW58 46FT

## Lab Sample ID: 400-237555-10

| Analyte                                  | Result  | Qualifier | RL    | MDL   | Unit  | Dil Fac | D | Method | Prep Type |
|------------------------------------------|---------|-----------|-------|-------|-------|---------|---|--------|-----------|
| Benzene                                  | 2.3     |           | 0.73  | 0.097 | mg/Kg | 100     | ✱ | 8260D  | Total/NA  |
| Ethylbenzene                             | 10      |           | 0.73  | 0.088 | mg/Kg | 100     | ✱ | 8260D  | Total/NA  |
| Toluene                                  | 37      |           | 0.73  | 0.15  | mg/Kg | 100     | ✱ | 8260D  | Total/NA  |
| Xylenes, Total - DL                      | 160     |           | 7.3   | 1.4   | mg/Kg | 500     | ✱ | 8260D  | Total/NA  |
| Gasoline Range Organics (GRO)<br>C6--C10 | 2900000 |           | 73000 | 36000 | ug/Kg | 500     | ✱ | 8015B  | Total/NA  |
| Diesel Range Organics [C10-C28]          | 860     |           | 12    | 4.8   | mg/Kg | 2       | ✱ | 8015C  | Total/NA  |
| Oil Range Organics (C28-C35)             | 100     |           | 6.0   | 2.4   | mg/Kg | 1       | ✱ | 8015C  | Total/NA  |
| Chloride                                 | 40      |           | 25    | 2.9   | mg/Kg | 1       | ✱ | 300.0  | Soluble   |

## Client Sample ID: MW58 62FT

## Lab Sample ID: 400-237555-11

| Analyte        | Result | Qualifier | RL     | MDL     | Unit  | Dil Fac | D | Method | Prep Type |
|----------------|--------|-----------|--------|---------|-------|---------|---|--------|-----------|
| Benzene        | 0.026  |           | 0.0056 | 0.00075 | mg/Kg | 1       | ✱ | 8260D  | Total/NA  |
| Ethylbenzene   | 0.030  |           | 0.0056 | 0.00068 | mg/Kg | 1       | ✱ | 8260D  | Total/NA  |
| Toluene        | 0.30   |           | 0.0056 | 0.0011  | mg/Kg | 1       | ✱ | 8260D  | Total/NA  |
| Xylenes, Total | 0.33   |           | 0.011  | 0.0021  | mg/Kg | 1       | ✱ | 8260D  | Total/NA  |

This Detection Summary does not include radiochemical test results.

Eurofins Pensacola

Detection Summary

Client: Stantec Consulting Services Inc  
Project/Site: Blanco North - Kutz Area Assessment

Job ID: 400-237555-1  
SDG: Blanco Field North Flare Pit.00

Client Sample ID: MW58 62FT (Continued)

Lab Sample ID: 400-237555-11

| Analyte                         | Result | Qualifier | RL   | MDL  | Unit  | Dil Fac | D | Method | Prep Type |
|---------------------------------|--------|-----------|------|------|-------|---------|---|--------|-----------|
| Gasoline Range Organics (GRO)   | 25000  |           | 6600 | 3300 | ug/Kg | 50      | ✧ | 8015B  | Total/NA  |
| C6--C10                         |        |           |      |      |       |         |   |        |           |
| Diesel Range Organics [C10-C28] | 8.8    |           | 5.9  | 2.3  | mg/Kg | 1       | ✧ | 8015C  | Total/NA  |
| Chloride                        | 8.9    | J         | 24   | 2.7  | mg/Kg | 1       | ✧ | 300.0  | Soluble   |

This Detection Summary does not include radiochemical test results.

Eurofins Pensacola

Method Summary

Client: Stantec Consulting Services Inc  
Project/Site: Blanco North - Kutz Area Assessment

Job ID: 400-237555-1  
SDG: Blanco Field North Flare Pit.00

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

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

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



## Sample Summary

Client: Stantec Consulting Services Inc  
Project/Site: Blanco North - Kutz Area Assessment

Job ID: 400-237555-1  
SDG: Blanco Field North Flare Pit.00

| Lab Sample ID | Client Sample ID | Matrix | Collected      | Received       |
|---------------|------------------|--------|----------------|----------------|
| 400-237555-1  | MW59 15FT        | Solid  | 05/07/23 14:00 | 05/11/23 09:34 |
| 400-237555-2  | MW59 47FT        | Solid  | 05/07/23 16:25 | 05/11/23 09:34 |
| 400-237555-3  | MW59 58FT        | Solid  | 05/08/23 09:15 | 05/11/23 09:34 |
| 400-237555-4  | MW59 63          | Solid  | 05/08/23 09:45 | 05/11/23 09:34 |
| 400-237555-5  | MW58 14FT        | Solid  | 05/09/23 07:45 | 05/11/23 09:34 |
| 400-237555-6  | MW58 17FT        | Solid  | 05/09/23 07:55 | 05/11/23 09:34 |
| 400-237555-7  | MW58 20FT        | Solid  | 05/09/23 07:58 | 05/11/23 09:34 |
| 400-237555-8  | MW58 25FT        | Solid  | 05/09/23 08:00 | 05/11/23 09:34 |
| 400-237555-9  | MW58 36FT        | Solid  | 05/09/23 08:55 | 05/11/23 09:34 |
| 400-237555-10 | MW58 46FT        | Solid  | 05/09/23 09:05 | 05/11/23 09:34 |
| 400-237555-11 | MW58 62FT        | Solid  | 05/09/23 10:30 | 05/11/23 09:34 |

## Client Sample Results

Client: Stantec Consulting Services Inc  
Project/Site: Blanco North - Kutz Area Assessment

Job ID: 400-237555-1  
SDG: Blanco Field North Flare Pit.00

Client Sample ID: MW59 15FT

Lab Sample ID: 400-237555-1

Date Collected: 05/07/23 14:00

Matrix: Solid

Date Received: 05/11/23 09:34

Percent Solids: 93.5

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

| Analyte        | Result  | Qualifier | RL     | MDL     | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|----------------|---------|-----------|--------|---------|-------|---|----------------|----------------|---------|
| Benzene        | 0.00068 | U         | 0.0051 | 0.00068 | mg/Kg | ☆ | 05/20/23 08:59 | 05/20/23 16:00 | 1       |
| Ethylbenzene   | 0.00062 | U         | 0.0051 | 0.00062 | mg/Kg | ☆ | 05/20/23 08:59 | 05/20/23 16:00 | 1       |
| Toluene        | 0.0010  | U         | 0.0051 | 0.0010  | mg/Kg | ☆ | 05/20/23 08:59 | 05/20/23 16:00 | 1       |
| Xylenes, Total | 0.0019  | U         | 0.010  | 0.0019  | mg/Kg | ☆ | 05/20/23 08:59 | 05/20/23 16:00 | 1       |

| Surrogate            | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|----------------------|-----------|-----------|----------|----------------|----------------|---------|
| 4-Bromofluorobenzene | 96        |           | 67 - 130 | 05/20/23 08:59 | 05/20/23 16:00 | 1       |
| Dibromofluoromethane | 110       |           | 77 - 127 | 05/20/23 08:59 | 05/20/23 16:00 | 1       |
| Toluene-d8 (Surr)    | 91        |           | 76 - 127 | 05/20/23 08:59 | 05/20/23 16:00 | 1       |

## Method: SW846 8015B - Gasoline Range Organics - (GC)

| Analyte                                  | Result | Qualifier | RL   | MDL  | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|------------------------------------------|--------|-----------|------|------|-------|---|----------------|----------------|---------|
| Gasoline Range Organics (GRO)<br>C6--C10 | 2800   | U         | 5500 | 2800 | ug/Kg | ☆ | 05/17/23 10:49 | 05/17/23 12:33 | 50      |

| Surrogate                    | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|------------------------------|-----------|-----------|----------|----------------|----------------|---------|
| a,a,a-Trifluorotoluene (fid) | 94        |           | 65 - 125 | 05/17/23 10:49 | 05/17/23 12:33 | 50      |

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

| Analyte                         | Result | Qualifier | RL  | MDL | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|---------------------------------|--------|-----------|-----|-----|-------|---|----------------|----------------|---------|
| Diesel Range Organics [C10-C28] | 2.1    | U         | 5.3 | 2.1 | mg/Kg | ☆ | 05/15/23 23:46 | 05/17/23 23:25 | 1       |
| Oil Range Organics (C28-C35)    | 2.1    | U *       | 5.3 | 2.1 | mg/Kg | ☆ | 05/15/23 23:46 | 05/17/23 23:25 | 1       |

| Surrogate          | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|--------------------|-----------|-----------|----------|----------------|----------------|---------|
| o-Terphenyl (Surr) | 112       |           | 27 - 150 | 05/15/23 23:46 | 05/17/23 23:25 | 1       |

## Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte  | Result | Qualifier | RL | MDL | Unit  | D | Prepared | Analyzed       | Dil Fac |
|----------|--------|-----------|----|-----|-------|---|----------|----------------|---------|
| Chloride | 290    |           | 22 | 2.5 | mg/Kg | ☆ |          | 05/18/23 15:43 | 1       |

## General Chemistry

| Analyte                         | Result | Qualifier | RL   | MDL  | Unit | D | Prepared | Analyzed       | Dil Fac |
|---------------------------------|--------|-----------|------|------|------|---|----------|----------------|---------|
| Percent Solids (EPA Moisture)   | 93.5   |           | 0.01 | 0.01 | %    |   |          | 05/15/23 09:56 | 1       |
| Percent Moisture (EPA Moisture) | 6.5    |           | 0.01 | 0.01 | %    |   |          | 05/15/23 09:56 | 1       |

Eurofins Pensacola

## Client Sample Results

Client: Stantec Consulting Services Inc  
Project/Site: Blanco North - Kutz Area Assessment

Job ID: 400-237555-1  
SDG: Blanco Field North Flare Pit.00

Client Sample ID: MW59 47FT

Lab Sample ID: 400-237555-2

Date Collected: 05/07/23 16:25

Matrix: Solid

Date Received: 05/11/23 09:34

Percent Solids: 89.2

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

| Analyte        | Result  | Qualifier | RL     | MDL     | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|----------------|---------|-----------|--------|---------|-------|---|----------------|----------------|---------|
| Benzene        | 0.00070 | U         | 0.0052 | 0.00070 | mg/Kg | ☆ | 05/20/23 08:59 | 05/20/23 16:19 | 1       |
| Ethylbenzene   | 0.00063 | U         | 0.0052 | 0.00063 | mg/Kg | ☆ | 05/20/23 08:59 | 05/20/23 16:19 | 1       |
| Toluene        | 0.0010  | U         | 0.0052 | 0.0010  | mg/Kg | ☆ | 05/20/23 08:59 | 05/20/23 16:19 | 1       |
| Xylenes, Total | 0.0020  | U         | 0.010  | 0.0020  | mg/Kg | ☆ | 05/20/23 08:59 | 05/20/23 16:19 | 1       |

| Surrogate            | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|----------------------|-----------|-----------|----------|----------------|----------------|---------|
| 4-Bromofluorobenzene | 95        |           | 67 - 130 | 05/20/23 08:59 | 05/20/23 16:19 | 1       |
| Dibromofluoromethane | 110       |           | 77 - 127 | 05/20/23 08:59 | 05/20/23 16:19 | 1       |
| Toluene-d8 (Surr)    | 91        |           | 76 - 127 | 05/20/23 08:59 | 05/20/23 16:19 | 1       |

## Method: SW846 8015B - Gasoline Range Organics - (GC)

| Analyte                                  | Result | Qualifier | RL   | MDL  | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|------------------------------------------|--------|-----------|------|------|-------|---|----------------|----------------|---------|
| Gasoline Range Organics (GRO)<br>C6--C10 | 2900   | U         | 5700 | 2900 | ug/Kg | ☆ | 05/16/23 09:36 | 05/16/23 21:20 | 50      |

| Surrogate                    | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|------------------------------|-----------|-----------|----------|----------------|----------------|---------|
| a,a,a-Trifluorotoluene (fid) | 95        |           | 65 - 125 | 05/16/23 09:36 | 05/16/23 21:20 | 50      |

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

| Analyte                         | Result | Qualifier | RL  | MDL | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|---------------------------------|--------|-----------|-----|-----|-------|---|----------------|----------------|---------|
| Diesel Range Organics [C10-C28] | 2.2    | U         | 5.6 | 2.2 | mg/Kg | ☆ | 05/15/23 23:46 | 05/17/23 23:42 | 1       |
| Oil Range Organics (C28-C35)    | 2.2    | U *       | 5.6 | 2.2 | mg/Kg | ☆ | 05/15/23 23:46 | 05/17/23 23:42 | 1       |

| Surrogate          | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|--------------------|-----------|-----------|----------|----------------|----------------|---------|
| o-Terphenyl (Surr) | 106       |           | 27 - 150 | 05/15/23 23:46 | 05/17/23 23:42 | 1       |

## Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte  | Result | Qualifier | RL | MDL | Unit  | D | Prepared | Analyzed       | Dil Fac |
|----------|--------|-----------|----|-----|-------|---|----------|----------------|---------|
| Chloride | 7.3    | J         | 22 | 2.5 | mg/Kg | ☆ |          | 05/18/23 16:42 | 1       |

## General Chemistry

| Analyte                         | Result | Qualifier | RL   | MDL  | Unit | D | Prepared | Analyzed       | Dil Fac |
|---------------------------------|--------|-----------|------|------|------|---|----------|----------------|---------|
| Percent Solids (EPA Moisture)   | 89.2   |           | 0.01 | 0.01 | %    |   |          | 05/15/23 09:56 | 1       |
| Percent Moisture (EPA Moisture) | 10.8   |           | 0.01 | 0.01 | %    |   |          | 05/15/23 09:56 | 1       |

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## Client Sample Results

Client: Stantec Consulting Services Inc  
Project/Site: Blanco North - Kutz Area Assessment

Job ID: 400-237555-1  
SDG: Blanco Field North Flare Pit.00

Client Sample ID: MW59 58FT

Lab Sample ID: 400-237555-3

Date Collected: 05/08/23 09:15

Matrix: Solid

Date Received: 05/11/23 09:34

Percent Solids: 90.3

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

| Analyte        | Result | Qualifier | RL     | MDL     | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|----------------|--------|-----------|--------|---------|-------|---|----------------|----------------|---------|
| Benzene        | 0.0020 | J         | 0.0056 | 0.00075 | mg/Kg | ☆ | 05/20/23 08:59 | 05/20/23 16:39 | 1       |
| Ethylbenzene   | 0.0033 | J         | 0.0056 | 0.00068 | mg/Kg | ☆ | 05/20/23 08:59 | 05/20/23 16:39 | 1       |
| Toluene        | 0.029  |           | 0.0056 | 0.0011  | mg/Kg | ☆ | 05/20/23 08:59 | 05/20/23 16:39 | 1       |
| Xylenes, Total | 0.044  |           | 0.011  | 0.0021  | mg/Kg | ☆ | 05/20/23 08:59 | 05/20/23 16:39 | 1       |

| Surrogate            | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|----------------------|-----------|-----------|----------|----------------|----------------|---------|
| 4-Bromofluorobenzene | 98        |           | 67 - 130 | 05/20/23 08:59 | 05/20/23 16:39 | 1       |
| Dibromofluoromethane | 108       |           | 77 - 127 | 05/20/23 08:59 | 05/20/23 16:39 | 1       |
| Toluene-d8 (Surr)    | 94        |           | 76 - 127 | 05/20/23 08:59 | 05/20/23 16:39 | 1       |

## Method: SW846 8015B - Gasoline Range Organics - (GC)

| Analyte                               | Result | Qualifier | RL   | MDL  | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|---------------------------------------|--------|-----------|------|------|-------|---|----------------|----------------|---------|
| Gasoline Range Organics (GRO) C6--C10 | 14000  |           | 6000 | 3000 | ug/Kg | ☆ | 05/16/23 09:36 | 05/16/23 21:46 | 50      |

| Surrogate                    | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|------------------------------|-----------|-----------|----------|----------------|----------------|---------|
| a,a,a-Trifluorotoluene (fid) | 98        |           | 65 - 125 | 05/16/23 09:36 | 05/16/23 21:46 | 50      |

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

| Analyte                         | Result | Qualifier | RL  | MDL | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|---------------------------------|--------|-----------|-----|-----|-------|---|----------------|----------------|---------|
| Diesel Range Organics [C10-C28] | 11     |           | 5.5 | 2.2 | mg/Kg | ☆ | 05/15/23 23:46 | 05/17/23 23:59 | 1       |
| Oil Range Organics (C28-C35)    | 2.2    | U *-      | 5.5 | 2.2 | mg/Kg | ☆ | 05/15/23 23:46 | 05/17/23 23:59 | 1       |

| Surrogate          | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|--------------------|-----------|-----------|----------|----------------|----------------|---------|
| o-Terphenyl (Surr) | 118       |           | 27 - 150 | 05/15/23 23:46 | 05/17/23 23:59 | 1       |

## Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte  | Result | Qualifier | RL | MDL | Unit  | D | Prepared | Analyzed       | Dil Fac |
|----------|--------|-----------|----|-----|-------|---|----------|----------------|---------|
| Chloride | 3.1    | J         | 22 | 2.5 | mg/Kg | ☆ |          | 05/18/23 17:02 | 1       |

## General Chemistry

| Analyte                         | Result | Qualifier | RL   | MDL  | Unit | D | Prepared | Analyzed       | Dil Fac |
|---------------------------------|--------|-----------|------|------|------|---|----------|----------------|---------|
| Percent Solids (EPA Moisture)   | 90.3   |           | 0.01 | 0.01 | %    |   |          | 05/15/23 09:56 | 1       |
| Percent Moisture (EPA Moisture) | 9.7    |           | 0.01 | 0.01 | %    |   |          | 05/15/23 09:56 | 1       |

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## Client Sample Results

Client: Stantec Consulting Services Inc  
Project/Site: Blanco North - Kutz Area Assessment

Job ID: 400-237555-1  
SDG: Blanco Field North Flare Pit.00

Client Sample ID: MW59 63

Lab Sample ID: 400-237555-4

Date Collected: 05/08/23 09:45

Matrix: Solid

Date Received: 05/11/23 09:34

Percent Solids: 95.7

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

| Analyte        | Result | Qualifier | RL   | MDL   | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|----------------|--------|-----------|------|-------|-------|---|----------------|----------------|---------|
| Benzene        | 0.54   |           | 0.26 | 0.035 | mg/Kg | ☆ | 05/21/23 09:03 | 05/21/23 14:15 | 50      |
| Ethylbenzene   | 0.26   |           | 0.26 | 0.032 | mg/Kg | ☆ | 05/21/23 09:03 | 05/21/23 14:15 | 50      |
| Toluene        | 3.8    |           | 0.26 | 0.052 | mg/Kg | ☆ | 05/21/23 09:03 | 05/21/23 14:15 | 50      |
| Xylenes, Total | 3.8    |           | 0.52 | 0.099 | mg/Kg | ☆ | 05/21/23 09:03 | 05/21/23 14:15 | 50      |

| Surrogate            | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|----------------------|-----------|-----------|----------|----------------|----------------|---------|
| 4-Bromofluorobenzene | 109       |           | 67 - 130 | 05/21/23 09:03 | 05/21/23 14:15 | 50      |
| Dibromofluoromethane | 96        |           | 77 - 127 | 05/21/23 09:03 | 05/21/23 14:15 | 50      |
| Toluene-d8 (Surr)    | 108       |           | 76 - 127 | 05/21/23 09:03 | 05/21/23 14:15 | 50      |

## Method: SW846 8015B - Gasoline Range Organics - (GC)

| Analyte                               | Result | Qualifier | RL   | MDL  | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|---------------------------------------|--------|-----------|------|------|-------|---|----------------|----------------|---------|
| Gasoline Range Organics (GRO) C6--C10 | 45000  |           | 5200 | 2600 | ug/Kg | ☆ | 05/16/23 09:36 | 05/16/23 22:13 | 50      |

| Surrogate                    | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|------------------------------|-----------|-----------|----------|----------------|----------------|---------|
| a,a,a-Trifluorotoluene (fid) | 100       |           | 65 - 125 | 05/16/23 09:36 | 05/16/23 22:13 | 50      |

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

| Analyte                         | Result | Qualifier | RL  | MDL | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|---------------------------------|--------|-----------|-----|-----|-------|---|----------------|----------------|---------|
| Diesel Range Organics [C10-C28] | 66     |           | 5.0 | 2.0 | mg/Kg | ☆ | 05/17/23 12:58 | 05/20/23 05:21 | 1       |
| Oil Range Organics (C28-C35)    | 6.2    |           | 5.0 | 2.0 | mg/Kg | ☆ | 05/17/23 12:58 | 05/20/23 05:21 | 1       |

| Surrogate          | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|--------------------|-----------|-----------|----------|----------------|----------------|---------|
| o-Terphenyl (Surr) | 99        |           | 27 - 150 | 05/17/23 12:58 | 05/20/23 05:21 | 1       |

## Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte  | Result | Qualifier | RL | MDL | Unit  | D | Prepared | Analyzed       | Dil Fac |
|----------|--------|-----------|----|-----|-------|---|----------|----------------|---------|
| Chloride | 3.5    | J         | 21 | 2.4 | mg/Kg | ☆ |          | 05/18/23 17:22 | 1       |

## General Chemistry

| Analyte                         | Result | Qualifier | RL   | MDL  | Unit | D | Prepared | Analyzed       | Dil Fac |
|---------------------------------|--------|-----------|------|------|------|---|----------|----------------|---------|
| Percent Solids (EPA Moisture)   | 95.7   |           | 0.01 | 0.01 | %    |   |          | 05/15/23 09:56 | 1       |
| Percent Moisture (EPA Moisture) | 4.3    |           | 0.01 | 0.01 | %    |   |          | 05/15/23 09:56 | 1       |

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## Client Sample Results

Client: Stantec Consulting Services Inc  
Project/Site: Blanco North - Kutz Area Assessment

Job ID: 400-237555-1  
SDG: Blanco Field North Flare Pit.00

Client Sample ID: MW58 14FT

Lab Sample ID: 400-237555-5

Date Collected: 05/09/23 07:45

Matrix: Solid

Date Received: 05/11/23 09:34

Percent Solids: 89.5

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

| Analyte        | Result  | Qualifier | RL     | MDL     | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|----------------|---------|-----------|--------|---------|-------|---|----------------|----------------|---------|
| Benzene        | 0.00077 | U         | 0.0058 | 0.00077 | mg/Kg | ☆ | 05/20/23 08:59 | 05/20/23 17:18 | 1       |
| Ethylbenzene   | 0.00071 | U         | 0.0058 | 0.00071 | mg/Kg | ☆ | 05/20/23 08:59 | 05/20/23 17:18 | 1       |
| Toluene        | 0.0012  | U         | 0.0058 | 0.0012  | mg/Kg | ☆ | 05/20/23 08:59 | 05/20/23 17:18 | 1       |
| Xylenes, Total | 0.0022  | U         | 0.012  | 0.0022  | mg/Kg | ☆ | 05/20/23 08:59 | 05/20/23 17:18 | 1       |

| Surrogate            | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|----------------------|-----------|-----------|----------|----------------|----------------|---------|
| 4-Bromofluorobenzene | 100       |           | 67 - 130 | 05/20/23 08:59 | 05/20/23 17:18 | 1       |
| Dibromofluoromethane | 109       |           | 77 - 127 | 05/20/23 08:59 | 05/20/23 17:18 | 1       |
| Toluene-d8 (Surr)    | 91        |           | 76 - 127 | 05/20/23 08:59 | 05/20/23 17:18 | 1       |

## Method: SW846 8015B - Gasoline Range Organics - (GC)

| Analyte                               | Result | Qualifier | RL   | MDL  | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|---------------------------------------|--------|-----------|------|------|-------|---|----------------|----------------|---------|
| Gasoline Range Organics (GRO) C6--C10 | 3500   | J         | 5900 | 2900 | ug/Kg | ☆ | 05/16/23 09:36 | 05/16/23 22:39 | 50      |

| Surrogate                    | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|------------------------------|-----------|-----------|----------|----------------|----------------|---------|
| a,a,a-Trifluorotoluene (fid) | 95        |           | 65 - 125 | 05/16/23 09:36 | 05/16/23 22:39 | 50      |

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

| Analyte                         | Result | Qualifier | RL  | MDL | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|---------------------------------|--------|-----------|-----|-----|-------|---|----------------|----------------|---------|
| Diesel Range Organics [C10-C28] | 6.0    |           | 5.5 | 2.2 | mg/Kg | ☆ | 05/17/23 12:59 | 05/20/23 05:38 | 1       |
| Oil Range Organics (C28-C35)    | 8.8    |           | 5.5 | 2.2 | mg/Kg | ☆ | 05/17/23 12:59 | 05/20/23 05:38 | 1       |

| Surrogate          | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|--------------------|-----------|-----------|----------|----------------|----------------|---------|
| o-Terphenyl (Surr) | 109       |           | 27 - 150 | 05/17/23 12:59 | 05/20/23 05:38 | 1       |

## Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte  | Result | Qualifier | RL | MDL | Unit  | D | Prepared | Analyzed       | Dil Fac |
|----------|--------|-----------|----|-----|-------|---|----------|----------------|---------|
| Chloride | 33     | F2 F1     | 23 | 2.6 | mg/Kg | ☆ |          | 05/18/23 18:22 | 1       |

## General Chemistry

| Analyte                         | Result | Qualifier | RL   | MDL  | Unit | D | Prepared | Analyzed       | Dil Fac |
|---------------------------------|--------|-----------|------|------|------|---|----------|----------------|---------|
| Percent Solids (EPA Moisture)   | 89.5   |           | 0.01 | 0.01 | %    |   |          | 05/15/23 10:37 | 1       |
| Percent Moisture (EPA Moisture) | 10.5   |           | 0.01 | 0.01 | %    |   |          | 05/15/23 10:37 | 1       |

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## Client Sample Results

Client: Stantec Consulting Services Inc  
Project/Site: Blanco North - Kutz Area Assessment

Job ID: 400-237555-1  
SDG: Blanco Field North Flare Pit.00

Client Sample ID: MW58 17FT

Lab Sample ID: 400-237555-6

Date Collected: 05/09/23 07:55

Matrix: Solid

Date Received: 05/11/23 09:34

Percent Solids: 82.5

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

| Analyte              | Result    | Qualifier | RL       | MDL   | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|----------------------|-----------|-----------|----------|-------|-------|---|----------------|----------------|---------|
| Benzene              | 0.093     | U         | 0.69     | 0.093 | mg/Kg | ☆ | 05/20/23 08:59 | 05/20/23 18:37 | 100     |
| Ethylbenzene         | 2.6       |           | 0.69     | 0.085 | mg/Kg | ☆ | 05/20/23 08:59 | 05/20/23 18:37 | 100     |
| Toluene              | 1.0       |           | 0.69     | 0.14  | mg/Kg | ☆ | 05/20/23 08:59 | 05/20/23 18:37 | 100     |
| Xylenes, Total       | 26        |           | 1.4      | 0.26  | mg/Kg | ☆ | 05/20/23 08:59 | 05/20/23 18:37 | 100     |
| Surrogate            | %Recovery | Qualifier | Limits   |       |       |   | Prepared       | Analyzed       | Dil Fac |
| 4-Bromofluorobenzene | 111       |           | 67 - 130 |       |       |   | 05/20/23 08:59 | 05/20/23 18:37 | 100     |
| Dibromofluoromethane | 100       |           | 77 - 127 |       |       |   | 05/20/23 08:59 | 05/20/23 18:37 | 100     |
| Toluene-d8 (Surr)    | 110       |           | 76 - 127 |       |       |   | 05/20/23 08:59 | 05/20/23 18:37 | 100     |

## Method: SW846 8015B - Gasoline Range Organics - (GC)

| Analyte                               | Result    | Qualifier | RL       | MDL   | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|---------------------------------------|-----------|-----------|----------|-------|-------|---|----------------|----------------|---------|
| Gasoline Range Organics (GRO) C6--C10 | 2100000   |           | 140000   | 69000 | ug/Kg | ☆ | 05/17/23 10:49 | 05/17/23 14:19 | 1000    |
| Surrogate                             | %Recovery | Qualifier | Limits   |       |       |   | Prepared       | Analyzed       | Dil Fac |
| a,a,a-Trifluorotoluene (fid)          | 94        |           | 65 - 125 |       |       |   | 05/17/23 10:49 | 05/17/23 14:19 | 1000    |

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

| Analyte                         | Result    | Qualifier | RL       | MDL | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|---------------------------------|-----------|-----------|----------|-----|-------|---|----------------|----------------|---------|
| Diesel Range Organics [C10-C28] | 1100      |           | 30       | 12  | mg/Kg | ☆ | 05/17/23 12:59 | 05/31/23 21:56 | 5       |
| Oil Range Organics (C28-C35)    | 250       |           | 6.0      | 2.4 | mg/Kg | ☆ | 05/17/23 12:59 | 05/20/23 05:55 | 1       |
| Surrogate                       | %Recovery | Qualifier | Limits   |     |       |   | Prepared       | Analyzed       | Dil Fac |
| o-Terphenyl (Surr)              | 119       |           | 27 - 150 |     |       |   | 05/17/23 12:59 | 05/20/23 05:55 | 1       |

## Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte  | Result | Qualifier | RL | MDL | Unit  | D | Prepared | Analyzed       | Dil Fac |
|----------|--------|-----------|----|-----|-------|---|----------|----------------|---------|
| Chloride | 580    |           | 24 | 2.8 | mg/Kg | ☆ |          | 05/18/23 18:41 | 1       |

## General Chemistry

| Analyte                         | Result | Qualifier | RL   | MDL  | Unit | D | Prepared | Analyzed       | Dil Fac |
|---------------------------------|--------|-----------|------|------|------|---|----------|----------------|---------|
| Percent Solids (EPA Moisture)   | 82.5   |           | 0.01 | 0.01 | %    |   |          | 05/15/23 10:37 | 1       |
| Percent Moisture (EPA Moisture) | 17.5   |           | 0.01 | 0.01 | %    |   |          | 05/15/23 10:37 | 1       |

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## Client Sample Results

Client: Stantec Consulting Services Inc  
Project/Site: Blanco North - Kutz Area Assessment

Job ID: 400-237555-1  
SDG: Blanco Field North Flare Pit.00

Client Sample ID: MW58 20FT

Lab Sample ID: 400-237555-7

Date Collected: 05/09/23 07:58

Matrix: Solid

Date Received: 05/11/23 09:34

Percent Solids: 97.6

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

| Analyte        | Result | Qualifier | RL   | MDL   | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|----------------|--------|-----------|------|-------|-------|---|----------------|----------------|---------|
| Benzene        | 0.032  | U         | 0.24 | 0.032 | mg/Kg | ☆ | 05/20/23 08:59 | 05/20/23 17:58 | 50      |
| Ethylbenzene   | 1.2    |           | 0.24 | 0.029 | mg/Kg | ☆ | 05/20/23 08:59 | 05/20/23 17:58 | 50      |
| Toluene        | 0.47   |           | 0.24 | 0.048 | mg/Kg | ☆ | 05/20/23 08:59 | 05/20/23 17:58 | 50      |
| Xylenes, Total | 13     |           | 0.48 | 0.092 | mg/Kg | ☆ | 05/20/23 08:59 | 05/20/23 17:58 | 50      |

| Surrogate            | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|----------------------|-----------|-----------|----------|----------------|----------------|---------|
| 4-Bromofluorobenzene | 113       |           | 67 - 130 | 05/20/23 08:59 | 05/20/23 17:58 | 50      |
| Dibromofluoromethane | 101       |           | 77 - 127 | 05/20/23 08:59 | 05/20/23 17:58 | 50      |
| Toluene-d8 (Surr)    | 108       |           | 76 - 127 | 05/20/23 08:59 | 05/20/23 17:58 | 50      |

## Method: SW846 8015B - Gasoline Range Organics - (GC)

| Analyte                               | Result | Qualifier | RL    | MDL  | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|---------------------------------------|--------|-----------|-------|------|-------|---|----------------|----------------|---------|
| Gasoline Range Organics (GRO) C6--C10 | 580000 |           | 19000 | 9700 | ug/Kg | ☆ | 05/16/23 09:36 | 05/16/23 18:42 | 200     |

| Surrogate                    | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|------------------------------|-----------|-----------|----------|----------------|----------------|---------|
| a,a,a-Trifluorotoluene (fid) | 91        |           | 65 - 125 | 05/16/23 09:36 | 05/16/23 18:42 | 200     |

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

| Analyte                         | Result | Qualifier | RL  | MDL | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|---------------------------------|--------|-----------|-----|-----|-------|---|----------------|----------------|---------|
| Diesel Range Organics [C10-C28] | 560    |           | 4.9 | 2.0 | mg/Kg | ☆ | 05/17/23 12:59 | 05/20/23 06:12 | 1       |
| Oil Range Organics (C28-C35)    | 99     |           | 4.9 | 2.0 | mg/Kg | ☆ | 05/17/23 12:59 | 05/20/23 06:12 | 1       |

| Surrogate          | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|--------------------|-----------|-----------|----------|----------------|----------------|---------|
| o-Terphenyl (Surr) | 109       |           | 27 - 150 | 05/17/23 12:59 | 05/20/23 06:12 | 1       |

## Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte  | Result | Qualifier | RL | MDL | Unit  | D | Prepared | Analyzed       | Dil Fac |
|----------|--------|-----------|----|-----|-------|---|----------|----------------|---------|
| Chloride | 150    |           | 20 | 2.3 | mg/Kg | ☆ |          | 05/18/23 00:50 | 1       |

## General Chemistry

| Analyte                         | Result | Qualifier | RL   | MDL  | Unit | D | Prepared | Analyzed       | Dil Fac |
|---------------------------------|--------|-----------|------|------|------|---|----------|----------------|---------|
| Percent Solids (EPA Moisture)   | 97.7   |           | 0.01 | 0.01 | %    |   |          | 05/15/23 10:37 | 1       |
| Percent Moisture (EPA Moisture) | 2.4    |           | 0.01 | 0.01 | %    |   |          | 05/15/23 10:37 | 1       |

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## Client Sample Results

Client: Stantec Consulting Services Inc  
Project/Site: Blanco North - Kutz Area Assessment

Job ID: 400-237555-1  
SDG: Blanco Field North Flare Pit.00

Client Sample ID: MW58 25FT

Lab Sample ID: 400-237555-8

Date Collected: 05/09/23 08:00

Matrix: Solid

Date Received: 05/11/23 09:34

Percent Solids: 97.0

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

| Analyte              | Result    | Qualifier | RL       | MDL   | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|----------------------|-----------|-----------|----------|-------|-------|---|----------------|----------------|---------|
| Benzene              | 0.068     | U         | 0.51     | 0.068 | mg/Kg | ☆ | 05/20/23 08:59 | 05/20/23 18:57 | 100     |
| Ethylbenzene         | 8.0       |           | 0.51     | 0.062 | mg/Kg | ☆ | 05/20/23 08:59 | 05/20/23 18:57 | 100     |
| Toluene              | 4.8       |           | 0.51     | 0.10  | mg/Kg | ☆ | 05/20/23 08:59 | 05/20/23 18:57 | 100     |
| Surrogate            | %Recovery | Qualifier | Limits   |       |       |   | Prepared       | Analyzed       | Dil Fac |
| 4-Bromofluorobenzene | 137       | S1+       | 67 - 130 |       |       |   | 05/20/23 08:59 | 05/20/23 18:57 | 100     |
| Dibromofluoromethane | 100       |           | 77 - 127 |       |       |   | 05/20/23 08:59 | 05/20/23 18:57 | 100     |
| Toluene-d8 (Surr)    | 116       |           | 76 - 127 |       |       |   | 05/20/23 08:59 | 05/20/23 18:57 | 100     |

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

| Analyte              | Result    | Qualifier | RL       | MDL  | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|----------------------|-----------|-----------|----------|------|-------|---|----------------|----------------|---------|
| Xylenes, Total       | 85        |           | 5.1      | 0.96 | mg/Kg | ☆ | 05/21/23 09:03 | 05/21/23 14:36 | 500     |
| Surrogate            | %Recovery | Qualifier | Limits   |      |       |   | Prepared       | Analyzed       | Dil Fac |
| 4-Bromofluorobenzene | 109       |           | 67 - 130 |      |       |   | 05/21/23 09:03 | 05/21/23 14:36 | 500     |
| Dibromofluoromethane | 102       |           | 77 - 127 |      |       |   | 05/21/23 09:03 | 05/21/23 14:36 | 500     |
| Toluene-d8 (Surr)    | 108       |           | 76 - 127 |      |       |   | 05/21/23 09:03 | 05/21/23 14:36 | 500     |

## Method: SW846 8015B - Gasoline Range Organics - (GC)

| Analyte                               | Result    | Qualifier | RL       | MDL    | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|---------------------------------------|-----------|-----------|----------|--------|-------|---|----------------|----------------|---------|
| Gasoline Range Organics (GRO) C6--C10 | 2800000   |           | 200000   | 100000 | ug/Kg | ☆ | 05/17/23 10:49 | 05/17/23 14:45 | 2000    |
| Surrogate                             | %Recovery | Qualifier | Limits   |        |       |   | Prepared       | Analyzed       | Dil Fac |
| a,a,a-Trifluorotoluene (fid)          | 94        |           | 65 - 125 |        |       |   | 05/17/23 10:49 | 05/17/23 14:45 | 2000    |

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

| Analyte                         | Result    | Qualifier | RL       | MDL | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|---------------------------------|-----------|-----------|----------|-----|-------|---|----------------|----------------|---------|
| Diesel Range Organics [C10-C28] | 2900      |           | 24       | 9.8 | mg/Kg | ☆ | 05/17/23 12:59 | 05/31/23 22:14 | 5       |
| Oil Range Organics (C28-C35)    | 510       |           | 4.9      | 2.0 | mg/Kg | ☆ | 05/17/23 12:59 | 05/20/23 06:45 | 1       |
| Surrogate                       | %Recovery | Qualifier | Limits   |     |       |   | Prepared       | Analyzed       | Dil Fac |
| o-Terphenyl (Surr)              | 113       |           | 27 - 150 |     |       |   | 05/17/23 12:59 | 05/20/23 06:45 | 1       |

## Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte  | Result | Qualifier | RL | MDL | Unit  | D | Prepared | Analyzed       | Dil Fac |
|----------|--------|-----------|----|-----|-------|---|----------|----------------|---------|
| Chloride | 210    |           | 20 | 2.3 | mg/Kg | ☆ |          | 05/18/23 01:10 | 1       |

## General Chemistry

| Analyte                         | Result | Qualifier | RL   | MDL  | Unit | D | Prepared | Analyzed       | Dil Fac |
|---------------------------------|--------|-----------|------|------|------|---|----------|----------------|---------|
| Percent Solids (EPA Moisture)   | 97.0   |           | 0.01 | 0.01 | %    |   |          | 05/15/23 10:37 | 1       |
| Percent Moisture (EPA Moisture) | 3.0    |           | 0.01 | 0.01 | %    |   |          | 05/15/23 10:37 | 1       |

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## Client Sample Results

Client: Stantec Consulting Services Inc  
Project/Site: Blanco North - Kutz Area Assessment

Job ID: 400-237555-1  
SDG: Blanco Field North Flare Pit.00

Client Sample ID: MW58 36FT

Lab Sample ID: 400-237555-9

Date Collected: 05/09/23 08:55

Matrix: Solid

Date Received: 05/11/23 09:34

Percent Solids: 95.3

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

| Analyte        | Result | Qualifier | RL   | MDL   | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|----------------|--------|-----------|------|-------|-------|---|----------------|----------------|---------|
| Benzene        | 0.036  | U         | 0.27 | 0.036 | mg/Kg | ☆ | 05/20/23 08:59 | 05/20/23 18:17 | 50      |
| Ethylbenzene   | 0.17   | J         | 0.27 | 0.033 | mg/Kg | ☆ | 05/20/23 08:59 | 05/20/23 18:17 | 50      |
| Toluene        | 0.11   | J         | 0.27 | 0.054 | mg/Kg | ☆ | 05/20/23 08:59 | 05/20/23 18:17 | 50      |
| Xylenes, Total | 3.7    |           | 0.54 | 0.10  | mg/Kg | ☆ | 05/20/23 08:59 | 05/20/23 18:17 | 50      |

| Surrogate            | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|----------------------|-----------|-----------|----------|----------------|----------------|---------|
| 4-Bromofluorobenzene | 96        |           | 67 - 130 | 05/20/23 08:59 | 05/20/23 18:17 | 50      |
| Dibromofluoromethane | 102       |           | 77 - 127 | 05/20/23 08:59 | 05/20/23 18:17 | 50      |
| Toluene-d8 (Surr)    | 100       |           | 76 - 127 | 05/20/23 08:59 | 05/20/23 18:17 | 50      |

## Method: SW846 8015B - Gasoline Range Organics - (GC)

| Analyte                               | Result | Qualifier | RL    | MDL   | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|---------------------------------------|--------|-----------|-------|-------|-------|---|----------------|----------------|---------|
| Gasoline Range Organics (GRO) C6--C10 | 270000 |           | 27000 | 14000 | ug/Kg | ☆ | 05/17/23 10:49 | 05/17/23 13:53 | 250     |

| Surrogate                    | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|------------------------------|-----------|-----------|----------|----------------|----------------|---------|
| a,a,a-Trifluorotoluene (fid) | 94        |           | 65 - 125 | 05/17/23 10:49 | 05/17/23 13:53 | 250     |

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

| Analyte                         | Result | Qualifier | RL  | MDL | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|---------------------------------|--------|-----------|-----|-----|-------|---|----------------|----------------|---------|
| Diesel Range Organics [C10-C28] | 250    |           | 5.2 | 2.1 | mg/Kg | ☆ | 05/18/23 00:32 | 05/19/23 16:25 | 1       |
| Oil Range Organics (C28-C35)    | 31     |           | 5.2 | 2.1 | mg/Kg | ☆ | 05/18/23 00:32 | 05/19/23 16:25 | 1       |

| Surrogate          | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|--------------------|-----------|-----------|----------|----------------|----------------|---------|
| o-Terphenyl (Surr) | 119       |           | 27 - 150 | 05/18/23 00:32 | 05/19/23 16:25 | 1       |

## Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte  | Result | Qualifier | RL | MDL | Unit  | D | Prepared | Analyzed       | Dil Fac |
|----------|--------|-----------|----|-----|-------|---|----------|----------------|---------|
| Chloride | 37     |           | 21 | 2.4 | mg/Kg | ☆ |          | 05/18/23 01:30 | 1       |

## General Chemistry

| Analyte                         | Result | Qualifier | RL   | MDL  | Unit | D | Prepared | Analyzed       | Dil Fac |
|---------------------------------|--------|-----------|------|------|------|---|----------|----------------|---------|
| Percent Solids (EPA Moisture)   | 95.3   |           | 0.01 | 0.01 | %    |   |          | 05/15/23 11:37 | 1       |
| Percent Moisture (EPA Moisture) | 4.7    |           | 0.01 | 0.01 | %    |   |          | 05/15/23 11:37 | 1       |

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## Client Sample Results

Client: Stantec Consulting Services Inc  
Project/Site: Blanco North - Kutz Area Assessment

Job ID: 400-237555-1  
SDG: Blanco Field North Flare Pit.00

Client Sample ID: MW58 46FT

Lab Sample ID: 400-237555-10

Date Collected: 05/09/23 09:05

Matrix: Solid

Date Received: 05/11/23 09:34

Percent Solids: 81.7

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

| Analyte              | Result    | Qualifier | RL       | MDL   | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|----------------------|-----------|-----------|----------|-------|-------|---|----------------|----------------|---------|
| Benzene              | 2.3       |           | 0.73     | 0.097 | mg/Kg | ☆ | 05/20/23 08:59 | 05/20/23 19:16 | 100     |
| Ethylbenzene         | 10        |           | 0.73     | 0.088 | mg/Kg | ☆ | 05/20/23 08:59 | 05/20/23 19:16 | 100     |
| Toluene              | 37        |           | 0.73     | 0.15  | mg/Kg | ☆ | 05/20/23 08:59 | 05/20/23 19:16 | 100     |
| Surrogate            | %Recovery | Qualifier | Limits   |       |       |   | Prepared       | Analyzed       | Dil Fac |
| 4-Bromofluorobenzene | 120       |           | 67 - 130 |       |       |   | 05/20/23 08:59 | 05/20/23 19:16 | 100     |
| Dibromofluoromethane | 97        |           | 77 - 127 |       |       |   | 05/20/23 08:59 | 05/20/23 19:16 | 100     |
| Toluene-d8 (Surr)    | 127       |           | 76 - 127 |       |       |   | 05/20/23 08:59 | 05/20/23 19:16 | 100     |

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

| Analyte              | Result    | Qualifier | RL       | MDL | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|----------------------|-----------|-----------|----------|-----|-------|---|----------------|----------------|---------|
| Xylenes, Total       | 160       |           | 7.3      | 1.4 | mg/Kg | ☆ | 05/21/23 09:03 | 05/21/23 14:57 | 500     |
| Surrogate            | %Recovery | Qualifier | Limits   |     |       |   | Prepared       | Analyzed       | Dil Fac |
| 4-Bromofluorobenzene | 113       |           | 67 - 130 |     |       |   | 05/21/23 09:03 | 05/21/23 14:57 | 500     |
| Dibromofluoromethane | 99        |           | 77 - 127 |     |       |   | 05/21/23 09:03 | 05/21/23 14:57 | 500     |
| Toluene-d8 (Surr)    | 111       |           | 76 - 127 |     |       |   | 05/21/23 09:03 | 05/21/23 14:57 | 500     |

## Method: SW846 8015B - Gasoline Range Organics - (GC)

| Analyte                               | Result    | Qualifier | RL       | MDL   | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|---------------------------------------|-----------|-----------|----------|-------|-------|---|----------------|----------------|---------|
| Gasoline Range Organics (GRO) C6--C10 | 2900000   |           | 73000    | 36000 | ug/Kg | ☆ | 05/16/23 09:36 | 05/16/23 20:28 | 500     |
| Surrogate                             | %Recovery | Qualifier | Limits   |       |       |   | Prepared       | Analyzed       | Dil Fac |
| a,a,a-Trifluorotoluene (fid)          | 81        |           | 65 - 125 |       |       |   | 05/16/23 09:36 | 05/16/23 20:28 | 500     |

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

| Analyte                         | Result    | Qualifier | RL       | MDL | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|---------------------------------|-----------|-----------|----------|-----|-------|---|----------------|----------------|---------|
| Diesel Range Organics [C10-C28] | 860       |           | 12       | 4.8 | mg/Kg | ☆ | 05/18/23 00:32 | 05/31/23 22:31 | 2       |
| Oil Range Organics (C28-C35)    | 100       |           | 6.0      | 2.4 | mg/Kg | ☆ | 05/18/23 00:32 | 05/19/23 16:43 | 1       |
| Surrogate                       | %Recovery | Qualifier | Limits   |     |       |   | Prepared       | Analyzed       | Dil Fac |
| o-Terphenyl (Surr)              | 131       |           | 27 - 150 |     |       |   | 05/18/23 00:32 | 05/19/23 16:43 | 1       |

## Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte  | Result | Qualifier | RL | MDL | Unit  | D | Prepared | Analyzed       | Dil Fac |
|----------|--------|-----------|----|-----|-------|---|----------|----------------|---------|
| Chloride | 40     |           | 25 | 2.9 | mg/Kg | ☆ |          | 05/18/23 01:50 | 1       |

## General Chemistry

| Analyte                         | Result | Qualifier | RL   | MDL  | Unit | D | Prepared | Analyzed       | Dil Fac |
|---------------------------------|--------|-----------|------|------|------|---|----------|----------------|---------|
| Percent Solids (EPA Moisture)   | 81.7   |           | 0.01 | 0.01 | %    |   |          | 05/15/23 11:37 | 1       |
| Percent Moisture (EPA Moisture) | 18.3   |           | 0.01 | 0.01 | %    |   |          | 05/15/23 11:37 | 1       |

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## Client Sample Results

Client: Stantec Consulting Services Inc  
Project/Site: Blanco North - Kutz Area Assessment

Job ID: 400-237555-1  
SDG: Blanco Field North Flare Pit.00

Client Sample ID: MW58 62FT

Lab Sample ID: 400-237555-11

Date Collected: 05/09/23 10:30

Matrix: Solid

Date Received: 05/11/23 09:34

Percent Solids: 84.3

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

| Analyte              | Result    | Qualifier | RL       | MDL     | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|----------------------|-----------|-----------|----------|---------|-------|---|----------------|----------------|---------|
| Benzene              | 0.026     |           | 0.0056   | 0.00075 | mg/Kg | ☆ | 05/20/23 08:59 | 05/20/23 17:38 | 1       |
| Ethylbenzene         | 0.030     |           | 0.0056   | 0.00068 | mg/Kg | ☆ | 05/20/23 08:59 | 05/20/23 17:38 | 1       |
| Toluene              | 0.30      |           | 0.0056   | 0.0011  | mg/Kg | ☆ | 05/20/23 08:59 | 05/20/23 17:38 | 1       |
| Xylenes, Total       | 0.33      |           | 0.011    | 0.0021  | mg/Kg | ☆ | 05/20/23 08:59 | 05/20/23 17:38 | 1       |
| Surrogate            | %Recovery | Qualifier | Limits   |         |       |   | Prepared       | Analyzed       | Dil Fac |
| 4-Bromofluorobenzene | 96        |           | 67 - 130 |         |       |   | 05/20/23 08:59 | 05/20/23 17:38 | 1       |
| Dibromofluoromethane | 105       |           | 77 - 127 |         |       |   | 05/20/23 08:59 | 05/20/23 17:38 | 1       |
| Toluene-d8 (Surr)    | 95        |           | 76 - 127 |         |       |   | 05/20/23 08:59 | 05/20/23 17:38 | 1       |

## Method: SW846 8015B - Gasoline Range Organics - (GC)

| Analyte                               | Result    | Qualifier | RL       | MDL  | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|---------------------------------------|-----------|-----------|----------|------|-------|---|----------------|----------------|---------|
| Gasoline Range Organics (GRO) C6--C10 | 25000     |           | 6600     | 3300 | ug/Kg | ☆ | 05/16/23 09:36 | 05/16/23 23:05 | 50      |
| Surrogate                             | %Recovery | Qualifier | Limits   |      |       |   | Prepared       | Analyzed       | Dil Fac |
| a,a,a-Trifluorotoluene (fid)          | 97        |           | 65 - 125 |      |       |   | 05/16/23 09:36 | 05/16/23 23:05 | 50      |

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

| Analyte                         | Result    | Qualifier | RL       | MDL | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|---------------------------------|-----------|-----------|----------|-----|-------|---|----------------|----------------|---------|
| Diesel Range Organics [C10-C28] | 8.8       |           | 5.9      | 2.3 | mg/Kg | ☆ | 05/18/23 00:32 | 05/19/23 17:21 | 1       |
| Oil Range Organics (C28-C35)    | 2.3       | U         | 5.9      | 2.3 | mg/Kg | ☆ | 05/18/23 00:32 | 05/19/23 17:21 | 1       |
| Surrogate                       | %Recovery | Qualifier | Limits   |     |       |   | Prepared       | Analyzed       | Dil Fac |
| o-Terphenyl (Surr)              | 103       |           | 27 - 150 |     |       |   | 05/18/23 00:32 | 05/19/23 17:21 | 1       |

## Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

| Analyte  | Result | Qualifier | RL | MDL | Unit  | D | Prepared | Analyzed       | Dil Fac |
|----------|--------|-----------|----|-----|-------|---|----------|----------------|---------|
| Chloride | 8.9    | J         | 24 | 2.7 | mg/Kg | ☆ |          | 05/18/23 02:09 | 1       |

## General Chemistry

| Analyte                         | Result | Qualifier | RL   | MDL  | Unit | D | Prepared | Analyzed       | Dil Fac |
|---------------------------------|--------|-----------|------|------|------|---|----------|----------------|---------|
| Percent Solids (EPA Moisture)   | 84.3   |           | 0.01 | 0.01 | %    |   |          | 05/15/23 11:37 | 1       |
| Percent Moisture (EPA Moisture) | 15.7   |           | 0.01 | 0.01 | %    |   |          | 05/15/23 11:37 | 1       |

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Definitions/Glossary

Client: Stantec Consulting Services Inc  
Project/Site: Blanco North - Kutz Area Assessment

Job ID: 400-237555-1  
SDG: Blanco Field North Flare Pit.00

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. |
| S1+       | Surrogate recovery exceeds control limits, high biased.                                                        |
| U         | Indicates the analyte was analyzed for but not detected.                                                       |

GC VOA

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

GC Semi VOA

| Qualifier | Qualifier Description                                     |
|-----------|-----------------------------------------------------------|
| *-        | LCS and/or LCSD is outside acceptance limits, low biased. |
| S1-       | Surrogate recovery exceeds control limits, low biased.    |
| U         | Indicates the analyte was analyzed for but not detected.  |

HPLC/IC

| Qualifier | Qualifier Description                                                                                          |
|-----------|----------------------------------------------------------------------------------------------------------------|
| F1        | MS and/or MSD recovery exceeds control limits.                                                                 |
| F2        | MS/MSD RPD exceeds control limits                                                                              |
| J         | Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value. |
| U         | Indicates the analyte was analyzed for but not detected.                                                       |

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                        |

Definitions/Glossary

Client: Stantec Consulting Services Inc  
Project/Site: Blanco North - Kutz Area Assessment

Job ID: 400-237555-1  
SDG: Blanco Field North Flare Pit.00

Glossary (Continued)

| Abbreviation | These commonly used abbreviations may or may not be present in this report. |
|--------------|-----------------------------------------------------------------------------|
| TEF          | Toxicity Equivalent Factor (Dioxin)                                         |
| TEQ          | Toxicity Equivalent Quotient (Dioxin)                                       |
| TNTC         | Too Numerous To Count                                                       |

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

## Surrogate Summary

Client: Stantec Consulting Services Inc  
Project/Site: Blanco North - Kutz Area Assessment

Job ID: 400-237555-1  
SDG: Blanco Field North Flare Pit.00

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

Matrix: Solid

Prep Type: Total/NA

| Lab Sample ID               | Client Sample ID   | Percent Surrogate Recovery (Acceptance Limits) |                  |                 |
|-----------------------------|--------------------|------------------------------------------------|------------------|-----------------|
|                             |                    | BFB<br>(67-130)                                | DBFM<br>(77-127) | TOL<br>(76-127) |
| 400-237555-1                | MW59 15FT          | 96                                             | 110              | 91              |
| 400-237555-2                | MW59 47FT          | 95                                             | 110              | 91              |
| 400-237555-3                | MW59 58FT          | 98                                             | 108              | 94              |
| 400-237555-4                | MW59 63            | 109                                            | 96               | 108             |
| 400-237555-5                | MW58 14FT          | 100                                            | 109              | 91              |
| 400-237555-6                | MW58 17FT          | 111                                            | 100              | 110             |
| 400-237555-7                | MW58 20FT          | 113                                            | 101              | 108             |
| 400-237555-8                | MW58 25FT          | 137 S1+                                        | 100              | 116             |
| 400-237555-8 - DL           | MW58 25FT          | 109                                            | 102              | 108             |
| 400-237555-9                | MW58 36FT          | 96                                             | 102              | 100             |
| 400-237555-10               | MW58 46FT          | 120                                            | 97               | 127             |
| 400-237555-10 - DL          | MW58 46FT          | 113                                            | 99               | 111             |
| 400-237555-11               | MW58 62FT          | 96                                             | 105              | 95              |
| LCS 400-625802/1-A          | Lab Control Sample | 102                                            | 97               | 96              |
| LCS 400-625855/1-A          | Lab Control Sample | 106                                            | 103              | 104             |
| MB 400-625802/2-A           | Method Blank       | 96                                             | 111              | 93              |
| MB 400-625855/2-A           | Method Blank       | 104                                            | 103              | 106             |
| <b>Surrogate Legend</b>     |                    |                                                |                  |                 |
| BFB = 4-Bromofluorobenzene  |                    |                                                |                  |                 |
| DBFM = Dibromofluoromethane |                    |                                                |                  |                 |
| TOL = Toluene-d8 (Surr)     |                    |                                                |                  |                 |

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

Matrix: Solid

Prep Type: Total/NA

| Lab Sample ID                        | Client Sample ID   | Percent Surrogate Recovery (Acceptance Limits) |  |  |
|--------------------------------------|--------------------|------------------------------------------------|--|--|
|                                      |                    | TFT-F2<br>(65-125)                             |  |  |
| 400-237555-1                         | MW59 15FT          | 94                                             |  |  |
| 400-237555-1 MS                      | MW59 15FT          | 99                                             |  |  |
| 400-237555-1 MSD                     | MW59 15FT          | 98                                             |  |  |
| 400-237555-2                         | MW59 47FT          | 95                                             |  |  |
| 400-237555-3                         | MW59 58FT          | 98                                             |  |  |
| 400-237555-4                         | MW59 63            | 100                                            |  |  |
| 400-237555-5                         | MW58 14FT          | 95                                             |  |  |
| 400-237555-6                         | MW58 17FT          | 94                                             |  |  |
| 400-237555-7                         | MW58 20FT          | 91                                             |  |  |
| 400-237555-8                         | MW58 25FT          | 94                                             |  |  |
| 400-237555-9                         | MW58 36FT          | 94                                             |  |  |
| 400-237555-10                        | MW58 46FT          | 81                                             |  |  |
| 400-237555-11                        | MW58 62FT          | 97                                             |  |  |
| LCS 400-625250/1-A                   | Lab Control Sample | 99                                             |  |  |
| LCS 400-625374/1-A                   | Lab Control Sample | 92                                             |  |  |
| MB 400-625250/2-A                    | Method Blank       | 94                                             |  |  |
| MB 400-625374/2-A                    | Method Blank       | 92                                             |  |  |
| <b>Surrogate Legend</b>              |                    |                                                |  |  |
| TFT-F = a,a,a-Trifluorotoluene (fid) |                    |                                                |  |  |

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## Surrogate Summary

Client: Stantec Consulting Services Inc  
Project/Site: Blanco North - Kutz Area Assessment

Job ID: 400-237555-1  
SDG: Blanco Field North Flare Pit.00

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

**Matrix: Solid**

**Prep Type: Total/NA**

## Percent Surrogate Recovery (Acceptance Limits)

| Lab Sample ID      | Client Sample ID   | OTPH1<br>(27-150) |
|--------------------|--------------------|-------------------|
| 400-237555-1       | MW59 15FT          | 112               |
| 400-237555-2       | MW59 47FT          | 106               |
| 400-237555-3       | MW59 58FT          | 118               |
| 400-237555-4       | MW59 63            | 99                |
| 400-237555-5       | MW58 14FT          | 109               |
| 400-237555-6       | MW58 17FT          | 119               |
| 400-237555-7       | MW58 20FT          | 109               |
| 400-237555-8       | MW58 25FT          | 113               |
| 400-237555-9       | MW58 36FT          | 119               |
| 400-237555-10      | MW58 46FT          | 131               |
| 400-237555-11      | MW58 62FT          | 103               |
| LCS 400-624994/2-A | Lab Control Sample | 111               |
| LCS 400-625268/2-A | Lab Control Sample | 88                |
| LCS 400-625392/2-A | Lab Control Sample | 24 S1-            |
| MB 400-624994/1-A  | Method Blank       | 100               |
| MB 400-625268/1-A  | Method Blank       | 69                |
| MB 400-625392/1-A  | Method Blank       | 109               |

**Surrogate Legend**

OTPH = o-Terphenyl (Surr)

## Lab Chronicle

Client: Stantec Consulting Services Inc  
Project/Site: Blanco North - Kutz Area Assessment

Job ID: 400-237555-1  
SDG: Blanco Field North Flare Pit.00

**Client Sample ID: MW59 15FT****Date Collected: 05/07/23 14:00****Date Received: 05/11/23 09:34****Lab Sample ID: 400-237555-1****Matrix: Solid**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab     |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Total/NA  | Analysis   | Moisture     |     | 1          |                |              | 624862       | 05/15/23 09:56       | MP      | EET PEN |

**Client Sample ID: MW59 15FT****Date Collected: 05/07/23 14:00****Date Received: 05/11/23 09:34****Lab Sample ID: 400-237555-1****Matrix: Solid****Percent Solids: 93.5**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab     |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Total/NA  | Prep       | 5035         |     |            | 5.29 g         | 5.00 g       | 625802       | 05/20/23 08:59       | BPO     | EET PEN |
| Total/NA  | Analysis   | 8260D        |     | 1          | 5 mL           | 5 mL         | 625769       | 05/20/23 16:00       | BPO     | EET PEN |
| Total/NA  | Prep       | 5035         |     |            | 5.18 g         | 5.00 g       | 625250       | 05/17/23 10:49       | SAB     | EET PEN |
| Total/NA  | Analysis   | 8015B        |     | 50         | 5 mL           | 5 mL         | 625217       | 05/17/23 12:33       | SAB     | EET PEN |
| Total/NA  | Prep       | 3546         |     |            | 15.05 g        | 1 mL         | 624994       | 05/15/23 23:46       | JTC     | EET PEN |
| Total/NA  | Analysis   | 8015C        |     | 1          | 1 mL           | 1 mL         | 625335       | 05/17/23 23:25       | MP      | EET PEN |
| Soluble   | Leach      | DI Leach     |     |            | 2.448 g        | 50 mL        | 624911       | 05/15/23 13:21       | JAW     | EET PEN |
| Soluble   | Analysis   | 300.0        |     | 1          | 10 mL          | 10 mL        | 625450       | 05/18/23 15:43       | JAW     | EET PEN |

**Client Sample ID: MW59 47FT****Date Collected: 05/07/23 16:25****Date Received: 05/11/23 09:34****Lab Sample ID: 400-237555-2****Matrix: Solid**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab     |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Total/NA  | Analysis   | Moisture     |     | 1          |                |              | 624862       | 05/15/23 09:56       | MP      | EET PEN |

**Client Sample ID: MW59 47FT****Date Collected: 05/07/23 16:25****Date Received: 05/11/23 09:34****Lab Sample ID: 400-237555-2****Matrix: Solid****Percent Solids: 89.2**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab     |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Total/NA  | Prep       | 5035         |     |            | 5.40 g         | 5.00 g       | 625802       | 05/20/23 08:59       | BPO     | EET PEN |
| Total/NA  | Analysis   | 8260D        |     | 1          | 5 mL           | 5 mL         | 625769       | 05/20/23 16:19       | BPO     | EET PEN |
| Total/NA  | Prep       | 5035         |     |            | 5.49 g         | 5.00 g       | 625374       | 05/16/23 09:36       | BJ      | EET PEN |
| Total/NA  | Analysis   | 8015B        |     | 50         | 5 mL           | 5 mL         | 625024       | 05/16/23 21:20       | SAB     | EET PEN |
| Total/NA  | Prep       | 3546         |     |            | 15.00 g        | 1 mL         | 624994       | 05/15/23 23:46       | JTC     | EET PEN |
| Total/NA  | Analysis   | 8015C        |     | 1          | 1 mL           | 1 mL         | 625335       | 05/17/23 23:42       | MP      | EET PEN |
| Soluble   | Leach      | DI Leach     |     |            | 2.542 g        | 50 mL        | 624911       | 05/15/23 13:21       | JAW     | EET PEN |
| Soluble   | Analysis   | 300.0        |     | 1          | 10 mL          | 10 mL        | 625450       | 05/18/23 16:42       | JAW     | EET PEN |

**Client Sample ID: MW59 58FT****Date Collected: 05/08/23 09:15****Date Received: 05/11/23 09:34****Lab Sample ID: 400-237555-3****Matrix: Solid**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab     |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Total/NA  | Analysis   | Moisture     |     | 1          |                |              | 624862       | 05/15/23 09:56       | MP      | EET PEN |

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## Lab Chronicle

Client: Stantec Consulting Services Inc  
Project/Site: Blanco North - Kutz Area Assessment

Job ID: 400-237555-1  
SDG: Blanco Field North Flare Pit.00

**Client Sample ID: MW59 58FT****Lab Sample ID: 400-237555-3****Date Collected: 05/08/23 09:15****Matrix: Solid****Date Received: 05/11/23 09:34****Percent Solids: 90.3**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab     |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Total/NA  | Prep       | 5035         |     |            | 4.97 g         | 5.00 g       | 625802       | 05/20/23 08:59       | BPO     | EET PEN |
| Total/NA  | Analysis   | 8260D        |     | 1          | 5 mL           | 5 mL         | 625769       | 05/20/23 16:39       | BPO     | EET PEN |
| Total/NA  | Prep       | 5035         |     |            | 5.11 g         | 5.00 g       | 625374       | 05/16/23 09:36       | BJ      | EET PEN |
| Total/NA  | Analysis   | 8015B        |     | 50         | 5 mL           | 5 mL         | 625024       | 05/16/23 21:46       | SAB     | EET PEN |
| Total/NA  | Prep       | 3546         |     |            | 15.22 g        | 1 mL         | 624994       | 05/15/23 23:46       | JTC     | EET PEN |
| Total/NA  | Analysis   | 8015C        |     | 1          | 1 mL           | 1 mL         | 625335       | 05/17/23 23:59       | MP      | EET PEN |
| Soluble   | Leach      | DI Leach     |     |            | 2.507 g        | 50 mL        | 624911       | 05/15/23 13:21       | JAW     | EET PEN |
| Soluble   | Analysis   | 300.0        |     | 1          | 10 mL          | 10 mL        | 625450       | 05/18/23 17:02       | JAW     | EET PEN |

**Client Sample ID: MW59 63****Lab Sample ID: 400-237555-4****Date Collected: 05/08/23 09:45****Matrix: Solid****Date Received: 05/11/23 09:34**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab     |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Total/NA  | Analysis   | Moisture     |     | 1          |                |              | 624862       | 05/15/23 09:56       | MP      | EET PEN |

**Client Sample ID: MW59 63****Lab Sample ID: 400-237555-4****Date Collected: 05/08/23 09:45****Matrix: Solid****Date Received: 05/11/23 09:34****Percent Solids: 95.7**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab     |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Total/NA  | Prep       | 5035         |     |            | 5.25 g         | 5.00 g       | 625855       | 05/21/23 09:03       | BPO     | EET PEN |
| Total/NA  | Analysis   | 8260D        |     | 50         | 5 mL           | 5 mL         | 625834       | 05/21/23 14:15       | BPO     | EET PEN |
| Total/NA  | Prep       | 5035         |     |            | 5.25 g         | 5.00 g       | 625374       | 05/16/23 09:36       | BJ      | EET PEN |
| Total/NA  | Analysis   | 8015B        |     | 50         | 5 mL           | 5 mL         | 625024       | 05/16/23 22:13       | SAB     | EET PEN |
| Total/NA  | Prep       | 3546         |     |            | 15.61 g        | 1 mL         | 625268       | 05/17/23 12:58       | LH      | EET PEN |
| Total/NA  | Analysis   | 8015C        |     | 1          | 1 mL           | 1 mL         | 625734       | 05/20/23 05:21       | MP      | EET PEN |
| Soluble   | Leach      | DI Leach     |     |            | 2.527 g        | 50 mL        | 624911       | 05/15/23 13:21       | JAW     | EET PEN |
| Soluble   | Analysis   | 300.0        |     | 1          | 10 mL          | 10 mL        | 625450       | 05/18/23 17:22       | JAW     | EET PEN |

**Client Sample ID: MW58 14FT****Lab Sample ID: 400-237555-5****Date Collected: 05/09/23 07:45****Matrix: Solid****Date Received: 05/11/23 09:34**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab     |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Total/NA  | Analysis   | Moisture     |     | 1          |                |              | 624890       | 05/15/23 10:37       | AJR     | EET PEN |

**Client Sample ID: MW58 14FT****Lab Sample ID: 400-237555-5****Date Collected: 05/09/23 07:45****Matrix: Solid****Date Received: 05/11/23 09:34****Percent Solids: 89.5**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab     |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Total/NA  | Prep       | 5035         |     |            | 4.83 g         | 5.00 g       | 625802       | 05/20/23 08:59       | BPO     | EET PEN |
| Total/NA  | Analysis   | 8260D        |     | 1          | 5 mL           | 5 mL         | 625769       | 05/20/23 17:18       | BPO     | EET PEN |
| Total/NA  | Prep       | 5035         |     |            | 5.30 g         | 5.00 g       | 625374       | 05/16/23 09:36       | BJ      | EET PEN |
| Total/NA  | Analysis   | 8015B        |     | 50         | 5 mL           | 5 mL         | 625024       | 05/16/23 22:39       | SAB     | EET PEN |

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## Lab Chronicle

Client: Stantec Consulting Services Inc  
Project/Site: Blanco North - Kutz Area Assessment

Job ID: 400-237555-1  
SDG: Blanco Field North Flare Pit.00

**Client Sample ID: MW58 14FT****Lab Sample ID: 400-237555-5****Date Collected: 05/09/23 07:45****Matrix: Solid****Date Received: 05/11/23 09:34****Percent Solids: 89.5**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab     |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Total/NA  | Prep       | 3546         |     |            | 15.29 g        | 1 mL         | 625268       | 05/17/23 12:59       | LH      | EET PEN |
| Total/NA  | Analysis   | 8015C        |     | 1          | 1 mL           | 1 mL         | 625734       | 05/20/23 05:38       | MP      | EET PEN |
| Soluble   | Leach      | DI Leach     |     |            | 2.471 g        | 50 mL        | 625078       | 05/16/23 13:26       | JAW     | EET PEN |
| Soluble   | Analysis   | 300.0        |     | 1          | 10 mL          | 10 mL        | 625450       | 05/18/23 18:22       | JAW     | EET PEN |

**Client Sample ID: MW58 17FT****Lab Sample ID: 400-237555-6****Date Collected: 05/09/23 07:55****Matrix: Solid****Date Received: 05/11/23 09:34**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab     |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Total/NA  | Analysis   | Moisture     |     | 1          |                |              | 624890       | 05/15/23 10:37       | AJR     | EET PEN |

**Client Sample ID: MW58 17FT****Lab Sample ID: 400-237555-6****Date Collected: 05/09/23 07:55****Matrix: Solid****Date Received: 05/11/23 09:34****Percent Solids: 82.5**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab     |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Total/NA  | Prep       | 5035         |     |            | 5.15 g         | 5.00 g       | 625802       | 05/20/23 08:59       | BPO     | EET PEN |
| Total/NA  | Analysis   | 8260D        |     | 100        | 5 mL           | 5 mL         | 625769       | 05/20/23 18:37       | BPO     | EET PEN |
| Total/NA  | Prep       | 5035         |     |            | 5.15 g         | 5.00 g       | 625250       | 05/17/23 10:49       | SAB     | EET PEN |
| Total/NA  | Analysis   | 8015B        |     | 1000       | 5 mL           | 5 mL         | 625217       | 05/17/23 14:19       | SAB     | EET PEN |
| Total/NA  | Prep       | 3546         |     |            | 15.13 g        | 1 mL         | 625268       | 05/17/23 12:59       | LH      | EET PEN |
| Total/NA  | Analysis   | 8015C        |     | 1          | 1 mL           | 1 mL         | 625734       | 05/20/23 05:55       | MP      | EET PEN |
| Total/NA  | Prep       | 3546         |     |            | 15.13 g        | 1 mL         | 625268       | 05/17/23 12:59       | LH      | EET PEN |
| Total/NA  | Analysis   | 8015C        |     | 5          | 1 mL           | 1 mL         | 627290       | 05/31/23 21:56       | CJ      | EET PEN |
| Soluble   | Leach      | DI Leach     |     |            | 2.494 g        | 50 mL        | 625078       | 05/16/23 13:26       | JAW     | EET PEN |
| Soluble   | Analysis   | 300.0        |     | 1          | 10 mL          | 10 mL        | 625450       | 05/18/23 18:41       | JAW     | EET PEN |

**Client Sample ID: MW58 20FT****Lab Sample ID: 400-237555-7****Date Collected: 05/09/23 07:58****Matrix: Solid****Date Received: 05/11/23 09:34**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab     |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Total/NA  | Analysis   | Moisture     |     | 1          |                |              | 624890       | 05/15/23 10:37       | AJR     | EET PEN |

**Client Sample ID: MW58 20FT****Lab Sample ID: 400-237555-7****Date Collected: 05/09/23 07:58****Matrix: Solid****Date Received: 05/11/23 09:34****Percent Solids: 97.6**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab     |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Total/NA  | Prep       | 5035         |     |            | 5.43 g         | 5.00 g       | 625802       | 05/20/23 08:59       | BPO     | EET PEN |
| Total/NA  | Analysis   | 8260D        |     | 50         | 5 mL           | 5 mL         | 625769       | 05/20/23 17:58       | BPO     | EET PEN |
| Total/NA  | Prep       | 5035         |     |            | 5.43 g         | 5.00 g       | 625374       | 05/16/23 09:36       | BJ      | EET PEN |
| Total/NA  | Analysis   | 8015B        |     | 200        | 5 mL           | 5 mL         | 625024       | 05/16/23 18:42       | SAB     | EET PEN |
| Total/NA  | Prep       | 3546         |     |            | 15.53 g        | 1 mL         | 625268       | 05/17/23 12:59       | LH      | EET PEN |
| Total/NA  | Analysis   | 8015C        |     | 1          | 1 mL           | 1 mL         | 625734       | 05/20/23 06:12       | MP      | EET PEN |

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## Lab Chronicle

Client: Stantec Consulting Services Inc  
Project/Site: Blanco North - Kutz Area Assessment

Job ID: 400-237555-1  
SDG: Blanco Field North Flare Pit.00

**Client Sample ID: MW58 20FT****Date Collected: 05/09/23 07:58****Date Received: 05/11/23 09:34****Lab Sample ID: 400-237555-7****Matrix: Solid****Percent Solids: 97.6**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab     |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Soluble   | Leach      | DI Leach     |     |            | 2.589 g        | 50 mL        | 625078       | 05/16/23 13:26       | JAW     | EET PEN |
| Soluble   | Analysis   | 300.0        |     | 1          | 10 mL          | 10 mL        | 625361       | 05/18/23 00:50       | JAW     | EET PEN |

**Client Sample ID: MW58 25FT****Date Collected: 05/09/23 08:00****Date Received: 05/11/23 09:34****Lab Sample ID: 400-237555-8****Matrix: Solid**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab     |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Total/NA  | Analysis   | Moisture     |     | 1          |                |              | 624890       | 05/15/23 10:37       | AJR     | EET PEN |

**Client Sample ID: MW58 25FT****Date Collected: 05/09/23 08:00****Date Received: 05/11/23 09:34****Lab Sample ID: 400-237555-8****Matrix: Solid****Percent Solids: 97.0**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab     |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Total/NA  | Prep       | 5035         |     |            | 5.26 g         | 5.00 g       | 625802       | 05/20/23 08:59       | BPO     | EET PEN |
| Total/NA  | Analysis   | 8260D        |     | 100        | 5 mL           | 5 mL         | 625769       | 05/20/23 18:57       | BPO     | EET PEN |
| Total/NA  | Prep       | 5035         | DL  |            | 5.26 g         | 5.00 g       | 625855       | 05/21/23 09:03       | BPO     | EET PEN |
| Total/NA  | Analysis   | 8260D        | DL  | 500        | 5 mL           | 5 mL         | 625834       | 05/21/23 14:36       | BPO     | EET PEN |
| Total/NA  | Prep       | 5035         |     |            | 5.26 g         | 5.00 g       | 625250       | 05/17/23 10:49       | SAB     | EET PEN |
| Total/NA  | Analysis   | 8015B        |     | 2000       | 5 mL           | 5 mL         | 625217       | 05/17/23 14:45       | SAB     | EET PEN |
| Total/NA  | Prep       | 3546         |     |            | 15.83 g        | 1 mL         | 625268       | 05/17/23 12:59       | LH      | EET PEN |
| Total/NA  | Analysis   | 8015C        |     | 1          | 1 mL           | 1 mL         | 625734       | 05/20/23 06:45       | MP      | EET PEN |
| Total/NA  | Prep       | 3546         |     |            | 15.83 g        | 1 mL         | 625268       | 05/17/23 12:59       | LH      | EET PEN |
| Total/NA  | Analysis   | 8015C        |     | 5          | 1 mL           | 1 mL         | 627290       | 05/31/23 22:14       | CJ      | EET PEN |
| Soluble   | Leach      | DI Leach     |     |            | 2.580 g        | 50 mL        | 625078       | 05/16/23 13:26       | JAW     | EET PEN |
| Soluble   | Analysis   | 300.0        |     | 1          | 10 mL          | 10 mL        | 625361       | 05/18/23 01:10       | JAW     | EET PEN |

**Client Sample ID: MW58 36FT****Date Collected: 05/09/23 08:55****Date Received: 05/11/23 09:34****Lab Sample ID: 400-237555-9****Matrix: Solid**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab     |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Total/NA  | Analysis   | Moisture     |     | 1          |                |              | 624901       | 05/15/23 11:37       | AJR     | EET PEN |

**Client Sample ID: MW58 36FT****Date Collected: 05/09/23 08:55****Date Received: 05/11/23 09:34****Lab Sample ID: 400-237555-9****Matrix: Solid****Percent Solids: 95.3**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab     |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Total/NA  | Prep       | 5035         |     |            | 5.06 g         | 5.00 g       | 625802       | 05/20/23 08:59       | BPO     | EET PEN |
| Total/NA  | Analysis   | 8260D        |     | 50         | 5 mL           | 5 mL         | 625769       | 05/20/23 18:17       | BPO     | EET PEN |
| Total/NA  | Prep       | 5035         |     |            | 5.06 g         | 5.00 g       | 625250       | 05/17/23 10:49       | SAB     | EET PEN |
| Total/NA  | Analysis   | 8015B        |     | 250        | 5 mL           | 5 mL         | 625217       | 05/17/23 13:53       | SAB     | EET PEN |
| Total/NA  | Prep       | 3546         |     |            | 15.06 g        | 1 mL         | 625392       | 05/18/23 00:32       | JTC     | EET PEN |
| Total/NA  | Analysis   | 8015C        |     | 1          | 1 mL           | 1 mL         | 625658       | 05/19/23 16:25       | MP      | EET PEN |

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## Lab Chronicle

Client: Stantec Consulting Services Inc  
Project/Site: Blanco North - Kutz Area Assessment

Job ID: 400-237555-1  
SDG: Blanco Field North Flare Pit.00

Client Sample ID: MW58 36FT

Lab Sample ID: 400-237555-9

Date Collected: 05/09/23 08:55

Matrix: Solid

Date Received: 05/11/23 09:34

Percent Solids: 95.3

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab     |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Soluble   | Leach      | DI Leach     |     |            | 2.494 g        | 50 mL        | 625078       | 05/16/23 13:26       | JAW     | EET PEN |
| Soluble   | Analysis   | 300.0        |     | 1          | 10 mL          | 10 mL        | 625361       | 05/18/23 01:30       | JAW     | EET PEN |

Client Sample ID: MW58 46FT

Lab Sample ID: 400-237555-10

Date Collected: 05/09/23 09:05

Matrix: Solid

Date Received: 05/11/23 09:34

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab     |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Total/NA  | Analysis   | Moisture     |     | 1          |                |              | 624901       | 05/15/23 11:37       | AJR     | EET PEN |

Client Sample ID: MW58 46FT

Lab Sample ID: 400-237555-10

Date Collected: 05/09/23 09:05

Matrix: Solid

Date Received: 05/11/23 09:34

Percent Solids: 81.7

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab     |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Total/NA  | Prep       | 5035         |     |            | 4.99 g         | 5.00 g       | 625802       | 05/20/23 08:59       | BPO     | EET PEN |
| Total/NA  | Analysis   | 8260D        |     | 100        | 5 mL           | 5 mL         | 625769       | 05/20/23 19:16       | BPO     | EET PEN |
| Total/NA  | Prep       | 5035         | DL  |            | 4.99 g         | 5.00 g       | 625855       | 05/21/23 09:03       | BPO     | EET PEN |
| Total/NA  | Analysis   | 8260D        | DL  | 500        | 5 mL           | 5 mL         | 625834       | 05/21/23 14:57       | BPO     | EET PEN |
| Total/NA  | Prep       | 5035         |     |            | 4.99 g         | 5.00 g       | 625374       | 05/16/23 09:36       | BJ      | EET PEN |
| Total/NA  | Analysis   | 8015B        |     | 500        | 5 mL           | 5 mL         | 625024       | 05/16/23 20:28       | SAB     | EET PEN |
| Total/NA  | Prep       | 3546         |     |            | 15.33 g        | 1 mL         | 625392       | 05/18/23 00:32       | JTC     | EET PEN |
| Total/NA  | Analysis   | 8015C        |     | 1          | 1 mL           | 1 mL         | 625658       | 05/19/23 16:43       | MP      | EET PEN |
| Total/NA  | Prep       | 3546         |     |            | 15.33 g        | 1 mL         | 625392       | 05/18/23 00:32       | JTC     | EET PEN |
| Total/NA  | Analysis   | 8015C        |     | 2          | 1 mL           | 1 mL         | 627290       | 05/31/23 22:31       | CJ      | EET PEN |
| Soluble   | Leach      | DI Leach     |     |            | 2.468 g        | 50 mL        | 625078       | 05/16/23 13:26       | JAW     | EET PEN |
| Soluble   | Analysis   | 300.0        |     | 1          | 10 mL          | 10 mL        | 625361       | 05/18/23 01:50       | JAW     | EET PEN |

Client Sample ID: MW58 62FT

Lab Sample ID: 400-237555-11

Date Collected: 05/09/23 10:30

Matrix: Solid

Date Received: 05/11/23 09:34

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab     |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Total/NA  | Analysis   | Moisture     |     | 1          |                |              | 624901       | 05/15/23 11:37       | AJR     | EET PEN |

Client Sample ID: MW58 62FT

Lab Sample ID: 400-237555-11

Date Collected: 05/09/23 10:30

Matrix: Solid

Date Received: 05/11/23 09:34

Percent Solids: 84.3

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab     |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Total/NA  | Prep       | 5035         |     |            | 5.33 g         | 5.00 g       | 625802       | 05/20/23 08:59       | BPO     | EET PEN |
| Total/NA  | Analysis   | 8260D        |     | 1          | 5 mL           | 5 mL         | 625769       | 05/20/23 17:38       | BPO     | EET PEN |
| Total/NA  | Prep       | 5035         |     |            | 5.24 g         | 5.00 g       | 625374       | 05/16/23 09:36       | BJ      | EET PEN |
| Total/NA  | Analysis   | 8015B        |     | 50         | 5 mL           | 5 mL         | 625024       | 05/16/23 23:05       | SAB     | EET PEN |
| Total/NA  | Prep       | 3546         |     |            | 15.20 g        | 1 mL         | 625392       | 05/18/23 00:32       | JTC     | EET PEN |
| Total/NA  | Analysis   | 8015C        |     | 1          | 1 mL           | 1 mL         | 625658       | 05/19/23 17:21       | MP      | EET PEN |

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## Lab Chronicle

Client: Stantec Consulting Services Inc  
Project/Site: Blanco North - Kutz Area Assessment

Job ID: 400-237555-1  
SDG: Blanco Field North Flare Pit.00

**Client Sample ID: MW58 62FT****Lab Sample ID: 400-237555-11****Date Collected: 05/09/23 10:30****Matrix: Solid****Date Received: 05/11/23 09:34****Percent Solids: 84.3**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab     |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Soluble   | Leach      | DI Leach     |     |            | 2.520 g        | 50 mL        | 625078       | 05/16/23 13:26       | JAW     | EET PEN |
| Soluble   | Analysis   | 300.0        |     | 1          | 10 mL          | 10 mL        | 625361       | 05/18/23 02:09       | JAW     | EET PEN |

**Client Sample ID: Method Blank****Lab Sample ID: MB 400-624994/1-A****Date Collected: N/A****Matrix: Solid****Date Received: N/A**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab     |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Total/NA  | Prep       | 3546         |     |            | 15.00 g        | 1 mL         | 624994       | 05/15/23 23:45       | JTC     | EET PEN |
| Total/NA  | Analysis   | 8015C        |     | 1          | 1 mL           | 1 mL         | 625137       | 05/17/23 15:27       | MP      | EET PEN |

**Client Sample ID: Method Blank****Lab Sample ID: MB 400-625078/1-A****Date Collected: N/A****Matrix: Solid****Date Received: N/A**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab     |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Soluble   | Leach      | DI Leach     |     |            | 2.475 g        | 50 mL        | 625078       | 05/16/23 13:26       | JAW     | EET PEN |
| Soluble   | Analysis   | 300.0        |     | 1          | 10 mL          | 10 mL        | 625450       | 05/18/23 17:42       | JAW     | EET PEN |

**Client Sample ID: Method Blank****Lab Sample ID: MB 400-625250/2-A****Date Collected: N/A****Matrix: Solid****Date Received: N/A**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab     |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Total/NA  | Prep       | 5035         |     |            | 5.00 g         | 5.00 g       | 625250       | 05/17/23 10:49       | SAB     | EET PEN |
| Total/NA  | Analysis   | 8015B        |     | 1          | 5 mL           | 5 mL         | 625217       | 05/17/23 12:07       | SAB     | EET PEN |

**Client Sample ID: Method Blank****Lab Sample ID: MB 400-625268/1-A****Date Collected: N/A****Matrix: Solid****Date Received: N/A**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab     |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Total/NA  | Prep       | 3546         |     |            | 15.00 g        | 1 mL         | 625268       | 05/17/23 12:58       | LH      | EET PEN |
| Total/NA  | Analysis   | 8015C        |     | 1          | 1 mL           | 1 mL         | 625419       | 05/18/23 14:35       | MP      | EET PEN |

**Client Sample ID: Method Blank****Lab Sample ID: MB 400-625374/2-A****Date Collected: N/A****Matrix: Solid****Date Received: N/A**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab     |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Total/NA  | Prep       | 5035         |     |            | 5.00 g         | 5.00 g       | 625374       | 05/16/23 09:36       | BJ      | EET PEN |
| Total/NA  | Analysis   | 8015B        |     | 1          | 5 mL           | 5 mL         | 625024       | 05/16/23 10:48       | SAB     | EET PEN |

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## Lab Chronicle

Client: Stantec Consulting Services Inc  
Project/Site: Blanco North - Kutz Area Assessment

Job ID: 400-237555-1  
SDG: Blanco Field North Flare Pit.00

## Client Sample ID: Method Blank

## Lab Sample ID: MB 400-625392/1-A

Date Collected: N/A

Matrix: Solid

Date Received: N/A

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab     |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Total/NA  | Prep       | 3546         |     |            | 15.00 g        | 1 mL         | 625392       | 05/18/23 00:32       | JTC     | EET PEN |
| Total/NA  | Analysis   | 8015C        |     | 1          | 1 mL           | 1 mL         | 625658       | 05/19/23 13:11       | MP      | EET PEN |

## Client Sample ID: Method Blank

## Lab Sample ID: MB 400-625802/2-A

Date Collected: N/A

Matrix: Solid

Date Received: N/A

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab     |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Total/NA  | Prep       | 5035         |     |            | 5.00 g         | 5.00 g       | 625802       | 05/20/23 08:59       | BPO     | EET PEN |
| Total/NA  | Analysis   | 8260D        |     | 1          | 5 mL           | 5 mL         | 625769       | 05/20/23 10:44       | BPO     | EET PEN |

## Client Sample ID: Method Blank

## Lab Sample ID: MB 400-625855/2-A

Date Collected: N/A

Matrix: Solid

Date Received: N/A

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab     |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Total/NA  | Prep       | 5035         |     |            | 5.00 g         | 5.00 g       | 625855       | 05/21/23 09:03       | BPO     | EET PEN |
| Total/NA  | Analysis   | 8260D        |     | 1          | 5 mL           | 5 mL         | 625834       | 05/21/23 12:52       | BPO     | EET PEN |

## Client Sample ID: Lab Control Sample

## Lab Sample ID: LCS 400-624994/2-A

Date Collected: N/A

Matrix: Solid

Date Received: N/A

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab     |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Total/NA  | Prep       | 3546         |     |            | 15.00 g        | 1 mL         | 624994       | 05/15/23 23:45       | JTC     | EET PEN |
| Total/NA  | Analysis   | 8015C        |     | 1          | 1 mL           | 1 mL         | 625137       | 05/17/23 16:01       | MP      | EET PEN |

## Client Sample ID: Lab Control Sample

## Lab Sample ID: LCS 400-625078/2-A

Date Collected: N/A

Matrix: Solid

Date Received: N/A

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab     |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Soluble   | Leach      | DI Leach     |     |            | 2.516 g        | 50 mL        | 625078       | 05/16/23 13:26       | JAW     | EET PEN |
| Soluble   | Analysis   | 300.0        |     | 1          | 10 mL          | 10 mL        | 625361       | 05/17/23 22:11       | JAW     | EET PEN |

## Client Sample ID: Lab Control Sample

## Lab Sample ID: LCS 400-625250/1-A

Date Collected: N/A

Matrix: Solid

Date Received: N/A

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab     |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Total/NA  | Prep       | 5035         |     |            | 5.00 g         | 5.00 g       | 625250       | 05/17/23 10:49       | SAB     | EET PEN |
| Total/NA  | Analysis   | 8015B        |     | 1          | 5 mL           | 5 mL         | 625217       | 05/17/23 11:46       | SAB     | EET PEN |

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## Lab Chronicle

Client: Stantec Consulting Services Inc  
Project/Site: Blanco North - Kutz Area Assessment

Job ID: 400-237555-1  
SDG: Blanco Field North Flare Pit.00

## Client Sample ID: Lab Control Sample

## Lab Sample ID: LCS 400-625268/2-A

Date Collected: N/A

Matrix: Solid

Date Received: N/A

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab     |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Total/NA  | Prep       | 3546         |     |            | 15.00 g        | 1 mL         | 625268       | 05/17/23 12:58       | LH      | EET PEN |
| Total/NA  | Analysis   | 8015C        |     | 1          | 1 mL           | 1 mL         | 625419       | 05/18/23 15:10       | MP      | EET PEN |

## Client Sample ID: Lab Control Sample

## Lab Sample ID: LCS 400-625374/1-A

Date Collected: N/A

Matrix: Solid

Date Received: N/A

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab     |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Total/NA  | Prep       | 5035         |     |            | 5.00 g         | 5.00 g       | 625374       | 05/16/23 09:36       | BJ      | EET PEN |
| Total/NA  | Analysis   | 8015B        |     | 1          | 5 mL           | 5 mL         | 625024       | 05/16/23 10:29       | SAB     | EET PEN |

## Client Sample ID: Lab Control Sample

## Lab Sample ID: LCS 400-625392/2-A

Date Collected: N/A

Matrix: Solid

Date Received: N/A

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab     |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Total/NA  | Prep       | 3546         |     |            | 15.00 g        | 1 mL         | 625392       | 05/18/23 00:32       | JTC     | EET PEN |
| Total/NA  | Analysis   | 8015C        |     | 1          | 1 mL           | 1 mL         | 625658       | 05/19/23 13:46       | MP      | EET PEN |

## Client Sample ID: Lab Control Sample

## Lab Sample ID: LCS 400-625802/1-A

Date Collected: N/A

Matrix: Solid

Date Received: N/A

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab     |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Total/NA  | Prep       | 5035         |     |            | 5.00 g         | 5.00 g       | 625802       | 05/20/23 08:59       | BPO     | EET PEN |
| Total/NA  | Analysis   | 8260D        |     | 1          | 5 mL           | 5 mL         | 625769       | 05/20/23 09:38       | BPO     | EET PEN |

## Client Sample ID: Lab Control Sample

## Lab Sample ID: LCS 400-625855/1-A

Date Collected: N/A

Matrix: Solid

Date Received: N/A

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab     |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Total/NA  | Prep       | 5035         |     |            | 5.00 g         | 5.00 g       | 625855       | 05/21/23 09:03       | BPO     | EET PEN |
| Total/NA  | Analysis   | 8260D        |     | 1          | 5 mL           | 5 mL         | 625834       | 05/21/23 11:05       | BPO     | EET PEN |

## Client Sample ID: Lab Control Sample Dup

## Lab Sample ID: LCSD 400-625078/3-A

Date Collected: N/A

Matrix: Solid

Date Received: N/A

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab     |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Soluble   | Leach      | DI Leach     |     |            | 2.564 g        | 50 mL        | 625078       | 05/16/23 13:26       | JAW     | EET PEN |
| Soluble   | Analysis   | 300.0        |     | 1          | 10 mL          | 10 mL        | 625450       | 05/18/23 18:02       | JAW     | EET PEN |

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## Lab Chronicle

Client: Stantec Consulting Services Inc  
Project/Site: Blanco North - Kutz Area Assessment

Job ID: 400-237555-1  
SDG: Blanco Field North Flare Pit.00

**Client Sample ID: MW59 15FT****Date Collected: 05/07/23 14:00****Date Received: 05/11/23 09:34****Lab Sample ID: 400-237555-1 MS****Matrix: Solid****Percent Solids: 93.5**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab     |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Total/NA  | Prep       | 5035         |     |            | 5.18 g         | 5.00 g       | 625250       | 05/17/23 10:49       | SAB     | EET PEN |
| Total/NA  | Analysis   | 8015B        |     | 50         | 5 mL           | 5 mL         | 625217       | 05/17/23 13:00       | SAB     | EET PEN |

**Client Sample ID: MW59 15FT****Date Collected: 05/07/23 14:00****Date Received: 05/11/23 09:34****Lab Sample ID: 400-237555-1 MSD****Matrix: Solid****Percent Solids: 93.5**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab     |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Total/NA  | Prep       | 5035         |     |            | 5.18 g         | 5.00 g       | 625250       | 05/17/23 10:49       | SAB     | EET PEN |
| Total/NA  | Analysis   | 8015B        |     | 50         | 5 mL           | 5 mL         | 625217       | 05/17/23 13:26       | SAB     | EET PEN |

**Client Sample ID: MW58 14FT****Date Collected: 05/09/23 07:45****Date Received: 05/11/23 09:34****Lab Sample ID: 400-237555-5 MS****Matrix: Solid****Percent Solids: 89.5**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab     |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Soluble   | Leach      | DI Leach     |     |            | 2.505 g        | 50 mL        | 625078       | 05/16/23 13:26       | JAW     | EET PEN |
| Soluble   | Analysis   | 300.0        |     | 1          | 10 mL          | 10 mL        | 625361       | 05/17/23 23:11       | JAW     | EET PEN |

**Client Sample ID: MW58 14FT****Date Collected: 05/09/23 07:45****Date Received: 05/11/23 09:34****Lab Sample ID: 400-237555-5 MSD****Matrix: Solid****Percent Solids: 89.5**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab     |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Soluble   | Leach      | DI Leach     |     |            | 2.503 g        | 50 mL        | 625078       | 05/16/23 13:26       | JAW     | EET PEN |
| Soluble   | Analysis   | 300.0        |     | 1          | 10 mL          | 10 mL        | 625361       | 05/17/23 23:31       | JAW     | EET PEN |

**Client Sample ID: MW58 36FT****Date Collected: 05/09/23 08:55****Date Received: 05/11/23 09:34****Lab Sample ID: 400-237555-9 DU****Matrix: Solid**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab     |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Total/NA  | Analysis   | Moisture     |     | 1          |                |              | 624901       | 05/15/23 11:37       | AJR     | 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: Blanco North - Kutz Area Assessment

Job ID: 400-237555-1  
SDG: Blanco Field North Flare Pit.00

## GC/MS VOA

## Analysis Batch: 625769

| Lab Sample ID      | Client Sample ID   | Prep Type | Matrix | Method | Prep Batch |
|--------------------|--------------------|-----------|--------|--------|------------|
| 400-237555-1       | MW59 15FT          | Total/NA  | Solid  | 8260D  | 625802     |
| 400-237555-2       | MW59 47FT          | Total/NA  | Solid  | 8260D  | 625802     |
| 400-237555-3       | MW59 58FT          | Total/NA  | Solid  | 8260D  | 625802     |
| 400-237555-5       | MW58 14FT          | Total/NA  | Solid  | 8260D  | 625802     |
| 400-237555-6       | MW58 17FT          | Total/NA  | Solid  | 8260D  | 625802     |
| 400-237555-7       | MW58 20FT          | Total/NA  | Solid  | 8260D  | 625802     |
| 400-237555-8       | MW58 25FT          | Total/NA  | Solid  | 8260D  | 625802     |
| 400-237555-9       | MW58 36FT          | Total/NA  | Solid  | 8260D  | 625802     |
| 400-237555-10      | MW58 46FT          | Total/NA  | Solid  | 8260D  | 625802     |
| 400-237555-11      | MW58 62FT          | Total/NA  | Solid  | 8260D  | 625802     |
| MB 400-625802/2-A  | Method Blank       | Total/NA  | Solid  | 8260D  | 625802     |
| LCS 400-625802/1-A | Lab Control Sample | Total/NA  | Solid  | 8260D  | 625802     |

## Prep Batch: 625802

| Lab Sample ID      | Client Sample ID   | Prep Type | Matrix | Method | Prep Batch |
|--------------------|--------------------|-----------|--------|--------|------------|
| 400-237555-1       | MW59 15FT          | Total/NA  | Solid  | 5035   |            |
| 400-237555-2       | MW59 47FT          | Total/NA  | Solid  | 5035   |            |
| 400-237555-3       | MW59 58FT          | Total/NA  | Solid  | 5035   |            |
| 400-237555-5       | MW58 14FT          | Total/NA  | Solid  | 5035   |            |
| 400-237555-6       | MW58 17FT          | Total/NA  | Solid  | 5035   |            |
| 400-237555-7       | MW58 20FT          | Total/NA  | Solid  | 5035   |            |
| 400-237555-8       | MW58 25FT          | Total/NA  | Solid  | 5035   |            |
| 400-237555-9       | MW58 36FT          | Total/NA  | Solid  | 5035   |            |
| 400-237555-10      | MW58 46FT          | Total/NA  | Solid  | 5035   |            |
| 400-237555-11      | MW58 62FT          | Total/NA  | Solid  | 5035   |            |
| MB 400-625802/2-A  | Method Blank       | Total/NA  | Solid  | 5035   |            |
| LCS 400-625802/1-A | Lab Control Sample | Total/NA  | Solid  | 5035   |            |

## Analysis Batch: 625834

| Lab Sample ID      | Client Sample ID   | Prep Type | Matrix | Method | Prep Batch |
|--------------------|--------------------|-----------|--------|--------|------------|
| 400-237555-4       | MW59 63            | Total/NA  | Solid  | 8260D  | 625855     |
| 400-237555-8 - DL  | MW58 25FT          | Total/NA  | Solid  | 8260D  | 625855     |
| 400-237555-10 - DL | MW58 46FT          | Total/NA  | Solid  | 8260D  | 625855     |
| MB 400-625855/2-A  | Method Blank       | Total/NA  | Solid  | 8260D  | 625855     |
| LCS 400-625855/1-A | Lab Control Sample | Total/NA  | Solid  | 8260D  | 625855     |

## Prep Batch: 625855

| Lab Sample ID      | Client Sample ID   | Prep Type | Matrix | Method | Prep Batch |
|--------------------|--------------------|-----------|--------|--------|------------|
| 400-237555-4       | MW59 63            | Total/NA  | Solid  | 5035   |            |
| 400-237555-8 - DL  | MW58 25FT          | Total/NA  | Solid  | 5035   |            |
| 400-237555-10 - DL | MW58 46FT          | Total/NA  | Solid  | 5035   |            |
| MB 400-625855/2-A  | Method Blank       | Total/NA  | Solid  | 5035   |            |
| LCS 400-625855/1-A | Lab Control Sample | Total/NA  | Solid  | 5035   |            |

## GC VOA

## Analysis Batch: 625024

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---------------|------------------|-----------|--------|--------|------------|
| 400-237555-2  | MW59 47FT        | Total/NA  | Solid  | 8015B  | 625374     |
| 400-237555-3  | MW59 58FT        | Total/NA  | Solid  | 8015B  | 625374     |
| 400-237555-4  | MW59 63          | Total/NA  | Solid  | 8015B  | 625374     |

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## QC Association Summary

Client: Stantec Consulting Services Inc  
Project/Site: Blanco North - Kutz Area Assessment

Job ID: 400-237555-1  
SDG: Blanco Field North Flare Pit.00

## GC VOA (Continued)

## Analysis Batch: 625024 (Continued)

| Lab Sample ID      | Client Sample ID   | Prep Type | Matrix | Method | Prep Batch |
|--------------------|--------------------|-----------|--------|--------|------------|
| 400-237555-5       | MW58 14FT          | Total/NA  | Solid  | 8015B  | 625374     |
| 400-237555-7       | MW58 20FT          | Total/NA  | Solid  | 8015B  | 625374     |
| 400-237555-10      | MW58 46FT          | Total/NA  | Solid  | 8015B  | 625374     |
| 400-237555-11      | MW58 62FT          | Total/NA  | Solid  | 8015B  | 625374     |
| MB 400-625374/2-A  | Method Blank       | Total/NA  | Solid  | 8015B  | 625374     |
| LCS 400-625374/1-A | Lab Control Sample | Total/NA  | Solid  | 8015B  | 625374     |

## Analysis Batch: 625217

| Lab Sample ID      | Client Sample ID   | Prep Type | Matrix | Method | Prep Batch |
|--------------------|--------------------|-----------|--------|--------|------------|
| 400-237555-1       | MW59 15FT          | Total/NA  | Solid  | 8015B  | 625250     |
| 400-237555-6       | MW58 17FT          | Total/NA  | Solid  | 8015B  | 625250     |
| 400-237555-8       | MW58 25FT          | Total/NA  | Solid  | 8015B  | 625250     |
| 400-237555-9       | MW58 36FT          | Total/NA  | Solid  | 8015B  | 625250     |
| MB 400-625250/2-A  | Method Blank       | Total/NA  | Solid  | 8015B  | 625250     |
| LCS 400-625250/1-A | Lab Control Sample | Total/NA  | Solid  | 8015B  | 625250     |
| 400-237555-1 MS    | MW59 15FT          | Total/NA  | Solid  | 8015B  | 625250     |
| 400-237555-1 MSD   | MW59 15FT          | Total/NA  | Solid  | 8015B  | 625250     |

## Prep Batch: 625250

| Lab Sample ID      | Client Sample ID   | Prep Type | Matrix | Method | Prep Batch |
|--------------------|--------------------|-----------|--------|--------|------------|
| 400-237555-1       | MW59 15FT          | Total/NA  | Solid  | 5035   |            |
| 400-237555-6       | MW58 17FT          | Total/NA  | Solid  | 5035   |            |
| 400-237555-8       | MW58 25FT          | Total/NA  | Solid  | 5035   |            |
| 400-237555-9       | MW58 36FT          | Total/NA  | Solid  | 5035   |            |
| MB 400-625250/2-A  | Method Blank       | Total/NA  | Solid  | 5035   |            |
| LCS 400-625250/1-A | Lab Control Sample | Total/NA  | Solid  | 5035   |            |
| 400-237555-1 MS    | MW59 15FT          | Total/NA  | Solid  | 5035   |            |
| 400-237555-1 MSD   | MW59 15FT          | Total/NA  | Solid  | 5035   |            |

## Prep Batch: 625374

| Lab Sample ID      | Client Sample ID   | Prep Type | Matrix | Method | Prep Batch |
|--------------------|--------------------|-----------|--------|--------|------------|
| 400-237555-2       | MW59 47FT          | Total/NA  | Solid  | 5035   |            |
| 400-237555-3       | MW59 58FT          | Total/NA  | Solid  | 5035   |            |
| 400-237555-4       | MW59 63            | Total/NA  | Solid  | 5035   |            |
| 400-237555-5       | MW58 14FT          | Total/NA  | Solid  | 5035   |            |
| 400-237555-7       | MW58 20FT          | Total/NA  | Solid  | 5035   |            |
| 400-237555-10      | MW58 46FT          | Total/NA  | Solid  | 5035   |            |
| 400-237555-11      | MW58 62FT          | Total/NA  | Solid  | 5035   |            |
| MB 400-625374/2-A  | Method Blank       | Total/NA  | Solid  | 5035   |            |
| LCS 400-625374/1-A | Lab Control Sample | Total/NA  | Solid  | 5035   |            |

## GC Semi VOA

## Prep Batch: 624994

| Lab Sample ID      | Client Sample ID   | Prep Type | Matrix | Method | Prep Batch |
|--------------------|--------------------|-----------|--------|--------|------------|
| 400-237555-1       | MW59 15FT          | Total/NA  | Solid  | 3546   |            |
| 400-237555-2       | MW59 47FT          | Total/NA  | Solid  | 3546   |            |
| 400-237555-3       | MW59 58FT          | Total/NA  | Solid  | 3546   |            |
| MB 400-624994/1-A  | Method Blank       | Total/NA  | Solid  | 3546   |            |
| LCS 400-624994/2-A | Lab Control Sample | Total/NA  | Solid  | 3546   |            |

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## QC Association Summary

Client: Stantec Consulting Services Inc  
Project/Site: Blanco North - Kutz Area Assessment

Job ID: 400-237555-1  
SDG: Blanco Field North Flare Pit.00

## GC Semi VOA

## Analysis Batch: 625137

| Lab Sample ID      | Client Sample ID   | Prep Type | Matrix | Method | Prep Batch |
|--------------------|--------------------|-----------|--------|--------|------------|
| MB 400-624994/1-A  | Method Blank       | Total/NA  | Solid  | 8015C  | 624994     |
| LCS 400-624994/2-A | Lab Control Sample | Total/NA  | Solid  | 8015C  | 624994     |

## Prep Batch: 625268

| Lab Sample ID      | Client Sample ID   | Prep Type | Matrix | Method | Prep Batch |
|--------------------|--------------------|-----------|--------|--------|------------|
| 400-237555-4       | MW59 63            | Total/NA  | Solid  | 3546   |            |
| 400-237555-5       | MW58 14FT          | Total/NA  | Solid  | 3546   |            |
| 400-237555-6       | MW58 17FT          | Total/NA  | Solid  | 3546   |            |
| 400-237555-7       | MW58 20FT          | Total/NA  | Solid  | 3546   |            |
| 400-237555-8       | MW58 25FT          | Total/NA  | Solid  | 3546   |            |
| MB 400-625268/1-A  | Method Blank       | Total/NA  | Solid  | 3546   |            |
| LCS 400-625268/2-A | Lab Control Sample | Total/NA  | Solid  | 3546   |            |

## Analysis Batch: 625335

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---------------|------------------|-----------|--------|--------|------------|
| 400-237555-1  | MW59 15FT        | Total/NA  | Solid  | 8015C  | 624994     |
| 400-237555-2  | MW59 47FT        | Total/NA  | Solid  | 8015C  | 624994     |
| 400-237555-3  | MW59 58FT        | Total/NA  | Solid  | 8015C  | 624994     |

## Prep Batch: 625392

| Lab Sample ID      | Client Sample ID   | Prep Type | Matrix | Method | Prep Batch |
|--------------------|--------------------|-----------|--------|--------|------------|
| 400-237555-9       | MW58 36FT          | Total/NA  | Solid  | 3546   |            |
| 400-237555-10      | MW58 46FT          | Total/NA  | Solid  | 3546   |            |
| 400-237555-11      | MW58 62FT          | Total/NA  | Solid  | 3546   |            |
| MB 400-625392/1-A  | Method Blank       | Total/NA  | Solid  | 3546   |            |
| LCS 400-625392/2-A | Lab Control Sample | Total/NA  | Solid  | 3546   |            |

## Analysis Batch: 625419

| Lab Sample ID      | Client Sample ID   | Prep Type | Matrix | Method | Prep Batch |
|--------------------|--------------------|-----------|--------|--------|------------|
| MB 400-625268/1-A  | Method Blank       | Total/NA  | Solid  | 8015C  | 625268     |
| LCS 400-625268/2-A | Lab Control Sample | Total/NA  | Solid  | 8015C  | 625268     |

## Analysis Batch: 625658

| Lab Sample ID      | Client Sample ID   | Prep Type | Matrix | Method | Prep Batch |
|--------------------|--------------------|-----------|--------|--------|------------|
| 400-237555-9       | MW58 36FT          | Total/NA  | Solid  | 8015C  | 625392     |
| 400-237555-10      | MW58 46FT          | Total/NA  | Solid  | 8015C  | 625392     |
| 400-237555-11      | MW58 62FT          | Total/NA  | Solid  | 8015C  | 625392     |
| MB 400-625392/1-A  | Method Blank       | Total/NA  | Solid  | 8015C  | 625392     |
| LCS 400-625392/2-A | Lab Control Sample | Total/NA  | Solid  | 8015C  | 625392     |

## Analysis Batch: 625734

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---------------|------------------|-----------|--------|--------|------------|
| 400-237555-4  | MW59 63          | Total/NA  | Solid  | 8015C  | 625268     |
| 400-237555-5  | MW58 14FT        | Total/NA  | Solid  | 8015C  | 625268     |
| 400-237555-6  | MW58 17FT        | Total/NA  | Solid  | 8015C  | 625268     |
| 400-237555-7  | MW58 20FT        | Total/NA  | Solid  | 8015C  | 625268     |
| 400-237555-8  | MW58 25FT        | Total/NA  | Solid  | 8015C  | 625268     |

## Analysis Batch: 627290

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---------------|------------------|-----------|--------|--------|------------|
| 400-237555-6  | MW58 17FT        | Total/NA  | Solid  | 8015C  | 625268     |

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## QC Association Summary

Client: Stantec Consulting Services Inc  
Project/Site: Blanco North - Kutz Area Assessment

Job ID: 400-237555-1  
SDG: Blanco Field North Flare Pit.00

## GC Semi VOA (Continued)

## Analysis Batch: 627290 (Continued)

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---------------|------------------|-----------|--------|--------|------------|
| 400-237555-8  | MW58 25FT        | Total/NA  | Solid  | 8015C  | 625268     |
| 400-237555-10 | MW58 46FT        | Total/NA  | Solid  | 8015C  | 625392     |

## HPLC/IC

## Leach Batch: 624911

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method   | Prep Batch |
|---------------|------------------|-----------|--------|----------|------------|
| 400-237555-1  | MW59 15FT        | Soluble   | Solid  | DI Leach |            |
| 400-237555-2  | MW59 47FT        | Soluble   | Solid  | DI Leach |            |
| 400-237555-3  | MW59 58FT        | Soluble   | Solid  | DI Leach |            |
| 400-237555-4  | MW59 63          | Soluble   | Solid  | DI Leach |            |

## Leach Batch: 625078

| Lab Sample ID       | Client Sample ID       | Prep Type | Matrix | Method   | Prep Batch |
|---------------------|------------------------|-----------|--------|----------|------------|
| 400-237555-5        | MW58 14FT              | Soluble   | Solid  | DI Leach |            |
| 400-237555-6        | MW58 17FT              | Soluble   | Solid  | DI Leach |            |
| 400-237555-7        | MW58 20FT              | Soluble   | Solid  | DI Leach |            |
| 400-237555-8        | MW58 25FT              | Soluble   | Solid  | DI Leach |            |
| 400-237555-9        | MW58 36FT              | Soluble   | Solid  | DI Leach |            |
| 400-237555-10       | MW58 46FT              | Soluble   | Solid  | DI Leach |            |
| 400-237555-11       | MW58 62FT              | Soluble   | Solid  | DI Leach |            |
| MB 400-625078/1-A   | Method Blank           | Soluble   | Solid  | DI Leach |            |
| LCS 400-625078/2-A  | Lab Control Sample     | Soluble   | Solid  | DI Leach |            |
| LCSD 400-625078/3-A | Lab Control Sample Dup | Soluble   | Solid  | DI Leach |            |
| 400-237555-5 MS     | MW58 14FT              | Soluble   | Solid  | DI Leach |            |
| 400-237555-5 MSD    | MW58 14FT              | Soluble   | Solid  | DI Leach |            |

## Analysis Batch: 625361

| Lab Sample ID      | Client Sample ID   | Prep Type | Matrix | Method | Prep Batch |
|--------------------|--------------------|-----------|--------|--------|------------|
| 400-237555-7       | MW58 20FT          | Soluble   | Solid  | 300.0  | 625078     |
| 400-237555-8       | MW58 25FT          | Soluble   | Solid  | 300.0  | 625078     |
| 400-237555-9       | MW58 36FT          | Soluble   | Solid  | 300.0  | 625078     |
| 400-237555-10      | MW58 46FT          | Soluble   | Solid  | 300.0  | 625078     |
| 400-237555-11      | MW58 62FT          | Soluble   | Solid  | 300.0  | 625078     |
| LCS 400-625078/2-A | Lab Control Sample | Soluble   | Solid  | 300.0  | 625078     |
| 400-237555-5 MS    | MW58 14FT          | Soluble   | Solid  | 300.0  | 625078     |
| 400-237555-5 MSD   | MW58 14FT          | Soluble   | Solid  | 300.0  | 625078     |

## Analysis Batch: 625450

| Lab Sample ID       | Client Sample ID       | Prep Type | Matrix | Method | Prep Batch |
|---------------------|------------------------|-----------|--------|--------|------------|
| 400-237555-1        | MW59 15FT              | Soluble   | Solid  | 300.0  | 624911     |
| 400-237555-2        | MW59 47FT              | Soluble   | Solid  | 300.0  | 624911     |
| 400-237555-3        | MW59 58FT              | Soluble   | Solid  | 300.0  | 624911     |
| 400-237555-4        | MW59 63                | Soluble   | Solid  | 300.0  | 624911     |
| 400-237555-5        | MW58 14FT              | Soluble   | Solid  | 300.0  | 625078     |
| 400-237555-6        | MW58 17FT              | Soluble   | Solid  | 300.0  | 625078     |
| MB 400-625078/1-A   | Method Blank           | Soluble   | Solid  | 300.0  | 625078     |
| LCSD 400-625078/3-A | Lab Control Sample Dup | Soluble   | Solid  | 300.0  | 625078     |

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## QC Association Summary

Client: Stantec Consulting Services Inc  
Project/Site: Blanco North - Kutz Area Assessment

Job ID: 400-237555-1  
SDG: Blanco Field North Flare Pit.00

## General Chemistry

## Analysis Batch: 624862

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method   | Prep Batch |
|---------------|------------------|-----------|--------|----------|------------|
| 400-237555-1  | MW59 15FT        | Total/NA  | Solid  | Moisture |            |
| 400-237555-2  | MW59 47FT        | Total/NA  | Solid  | Moisture |            |
| 400-237555-3  | MW59 58FT        | Total/NA  | Solid  | Moisture |            |
| 400-237555-4  | MW59 63          | Total/NA  | Solid  | Moisture |            |

## Analysis Batch: 624890

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method   | Prep Batch |
|---------------|------------------|-----------|--------|----------|------------|
| 400-237555-5  | MW58 14FT        | Total/NA  | Solid  | Moisture |            |
| 400-237555-6  | MW58 17FT        | Total/NA  | Solid  | Moisture |            |
| 400-237555-7  | MW58 20FT        | Total/NA  | Solid  | Moisture |            |
| 400-237555-8  | MW58 25FT        | Total/NA  | Solid  | Moisture |            |

## Analysis Batch: 624901

| Lab Sample ID   | Client Sample ID | Prep Type | Matrix | Method   | Prep Batch |
|-----------------|------------------|-----------|--------|----------|------------|
| 400-237555-9    | MW58 36FT        | Total/NA  | Solid  | Moisture |            |
| 400-237555-10   | MW58 46FT        | Total/NA  | Solid  | Moisture |            |
| 400-237555-11   | MW58 62FT        | Total/NA  | Solid  | Moisture |            |
| 400-237555-9 DU | MW58 36FT        | Total/NA  | Solid  | Moisture |            |



## QC Sample Results

Client: Stantec Consulting Services Inc  
Project/Site: Blanco North - Kutz Area Assessment

Job ID: 400-237555-1  
SDG: Blanco Field North Flare Pit.00

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

Lab Sample ID: MB 400-625802/2-A

Matrix: Solid

Analysis Batch: 625769

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 625802

| Analyte        | MB MB   |           | RL     | MDL     | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|----------------|---------|-----------|--------|---------|-------|---|----------------|----------------|---------|
|                | Result  | Qualifier |        |         |       |   |                |                |         |
| Benzene        | 0.00067 | U         | 0.0050 | 0.00067 | mg/Kg |   | 05/20/23 08:59 | 05/20/23 10:44 | 1       |
| Ethylbenzene   | 0.00061 | U         | 0.0050 | 0.00061 | mg/Kg |   | 05/20/23 08:59 | 05/20/23 10:44 | 1       |
| Toluene        | 0.0010  | U         | 0.0050 | 0.0010  | mg/Kg |   | 05/20/23 08:59 | 05/20/23 10:44 | 1       |
| Xylenes, Total | 0.0019  | U         | 0.010  | 0.0019  | mg/Kg |   | 05/20/23 08:59 | 05/20/23 10:44 | 1       |

| Surrogate            | MB MB     |           | Limits   | Prepared       | Analyzed       | Dil Fac |
|----------------------|-----------|-----------|----------|----------------|----------------|---------|
|                      | %Recovery | Qualifier |          |                |                |         |
| 4-Bromofluorobenzene | 96        |           | 67 - 130 | 05/20/23 08:59 | 05/20/23 10:44 | 1       |
| Dibromofluoromethane | 111       |           | 77 - 127 | 05/20/23 08:59 | 05/20/23 10:44 | 1       |
| Toluene-d8 (Surr)    | 93        |           | 76 - 127 | 05/20/23 08:59 | 05/20/23 10:44 | 1       |

Lab Sample ID: LCS 400-625802/1-A

Matrix: Solid

Analysis Batch: 625769

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 625802

| Analyte             | Spike Added | LCS LCS |           | Unit  | D | %Rec | %Rec Limits |
|---------------------|-------------|---------|-----------|-------|---|------|-------------|
|                     |             | Result  | Qualifier |       |   |      |             |
| Benzene             | 0.0500      | 0.0474  |           | mg/Kg |   | 95   | 65 - 130    |
| Ethylbenzene        | 0.0500      | 0.0457  |           | mg/Kg |   | 91   | 70 - 130    |
| Toluene             | 0.0500      | 0.0459  |           | mg/Kg |   | 92   | 70 - 130    |
| Xylenes, Total      | 0.100       | 0.0904  |           | mg/Kg |   | 90   | 70 - 130    |
| m-Xylene & p-Xylene | 0.0500      | 0.0451  |           | mg/Kg |   | 90   | 70 - 130    |
| o-Xylene            | 0.0500      | 0.0453  |           | mg/Kg |   | 91   | 70 - 130    |

| Surrogate            | LCS LCS   |           | Limits   |
|----------------------|-----------|-----------|----------|
|                      | %Recovery | Qualifier |          |
| 4-Bromofluorobenzene | 102       |           | 67 - 130 |
| Dibromofluoromethane | 97        |           | 77 - 127 |
| Toluene-d8 (Surr)    | 96        |           | 76 - 127 |

Lab Sample ID: MB 400-625855/2-A

Matrix: Solid

Analysis Batch: 625834

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 625855

| Analyte        | MB MB   |           | RL     | MDL     | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|----------------|---------|-----------|--------|---------|-------|---|----------------|----------------|---------|
|                | Result  | Qualifier |        |         |       |   |                |                |         |
| Benzene        | 0.00067 | U         | 0.0050 | 0.00067 | mg/Kg |   | 05/21/23 09:03 | 05/21/23 12:52 | 1       |
| Ethylbenzene   | 0.00061 | U         | 0.0050 | 0.00061 | mg/Kg |   | 05/21/23 09:03 | 05/21/23 12:52 | 1       |
| Toluene        | 0.0010  | U         | 0.0050 | 0.0010  | mg/Kg |   | 05/21/23 09:03 | 05/21/23 12:52 | 1       |
| Xylenes, Total | 0.0019  | U         | 0.010  | 0.0019  | mg/Kg |   | 05/21/23 09:03 | 05/21/23 12:52 | 1       |

| Surrogate            | MB MB     |           | Limits   | Prepared       | Analyzed       | Dil Fac |
|----------------------|-----------|-----------|----------|----------------|----------------|---------|
|                      | %Recovery | Qualifier |          |                |                |         |
| 4-Bromofluorobenzene | 104       |           | 67 - 130 | 05/21/23 09:03 | 05/21/23 12:52 | 1       |
| Dibromofluoromethane | 103       |           | 77 - 127 | 05/21/23 09:03 | 05/21/23 12:52 | 1       |
| Toluene-d8 (Surr)    | 106       |           | 76 - 127 | 05/21/23 09:03 | 05/21/23 12:52 | 1       |

Lab Sample ID: LCS 400-625855/1-A

Matrix: Solid

Analysis Batch: 625834

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 625855

| Analyte | Spike Added | LCS LCS |           | Unit  | D | %Rec | %Rec Limits |
|---------|-------------|---------|-----------|-------|---|------|-------------|
|         |             | Result  | Qualifier |       |   |      |             |
| Benzene | 0.0500      | 0.0429  |           | mg/Kg |   | 86   | 65 - 130    |

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## QC Sample Results

Client: Stantec Consulting Services Inc  
Project/Site: Blanco North - Kutz Area Assessment

Job ID: 400-237555-1  
SDG: Blanco Field North Flare Pit.00

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

Lab Sample ID: LCS 400-625855/1-A

Matrix: Solid

Analysis Batch: 625834

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 625855

| Analyte             | Spike Added | LCS Result | LCS Qualifier | Unit  | D | %Rec | %Rec Limits |
|---------------------|-------------|------------|---------------|-------|---|------|-------------|
| Ethylbenzene        | 0.0500      | 0.0418     |               | mg/Kg |   | 84   | 70 - 130    |
| Toluene             | 0.0500      | 0.0447     |               | mg/Kg |   | 89   | 70 - 130    |
| Xylenes, Total      | 0.100       | 0.0836     |               | mg/Kg |   | 84   | 70 - 130    |
| m-Xylene & p-Xylene | 0.0500      | 0.0425     |               | mg/Kg |   | 85   | 70 - 130    |
| o-Xylene            | 0.0500      | 0.0412     |               | mg/Kg |   | 82   | 70 - 130    |

| Surrogate            | LCS %Recovery | LCS Qualifier | Limits   |
|----------------------|---------------|---------------|----------|
| 4-Bromofluorobenzene | 106           |               | 67 - 130 |
| Dibromofluoromethane | 103           |               | 77 - 127 |
| Toluene-d8 (Surr)    | 104           |               | 76 - 127 |

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

Lab Sample ID: MB 400-625250/2-A

Matrix: Solid

Analysis Batch: 625217

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 625250

| Analyte                                  | MB Result | MB Qualifier | RL  | MDL | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|------------------------------------------|-----------|--------------|-----|-----|-------|---|----------------|----------------|---------|
| Gasoline Range Organics (GRO)<br>C6--C10 | 50        | U            | 100 | 50  | ug/Kg |   | 05/17/23 10:49 | 05/17/23 12:07 | 1       |

| Surrogate                    | MB %Recovery | MB Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|------------------------------|--------------|--------------|----------|----------------|----------------|---------|
| a,a,a-Trifluorotoluene (fid) | 94           |              | 65 - 125 | 05/17/23 10:49 | 05/17/23 12:07 | 1       |

Lab Sample ID: LCS 400-625250/1-A

Matrix: Solid

Analysis Batch: 625217

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 625250

| Analyte                                  | Spike Added | LCS Result | LCS Qualifier | Unit  | D | %Rec | %Rec Limits |
|------------------------------------------|-------------|------------|---------------|-------|---|------|-------------|
| Gasoline Range Organics (GRO)<br>C6--C10 | 1000        | 1180       |               | ug/Kg |   | 118  | 62 - 141    |

| Surrogate                    | LCS %Recovery | LCS Qualifier | Limits   |
|------------------------------|---------------|---------------|----------|
| a,a,a-Trifluorotoluene (fid) | 99            |               | 65 - 125 |

Lab Sample ID: 400-237555-1 MS

Matrix: Solid

Analysis Batch: 625217

Client Sample ID: MW59 15FT

Prep Type: Total/NA

Prep Batch: 625250

| Analyte                                  | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit  | D | %Rec | %Rec Limits |
|------------------------------------------|---------------|------------------|-------------|-----------|--------------|-------|---|------|-------------|
| Gasoline Range Organics (GRO)<br>C6--C10 | 2800          | U                | 55100       | 65600     |              | ug/Kg | ☆ | 119  | 10 - 150    |

| Surrogate                    | MS %Recovery | MS Qualifier | Limits   |
|------------------------------|--------------|--------------|----------|
| a,a,a-Trifluorotoluene (fid) | 99           |              | 65 - 125 |

Eurofins Pensacola

## QC Sample Results

Client: Stantec Consulting Services Inc  
Project/Site: Blanco North - Kutz Area Assessment

Job ID: 400-237555-1  
SDG: Blanco Field North Flare Pit.00

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

Lab Sample ID: 400-237555-1 MSD

Matrix: Solid

Analysis Batch: 625217

Client Sample ID: MW59 15FT

Prep Type: Total/NA

Prep Batch: 625250

| Analyte                                  | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit  | D | %Rec | %Rec Limits | RPD | RPD Limit |
|------------------------------------------|---------------|------------------|-------------|------------|---------------|-------|---|------|-------------|-----|-----------|
| Gasoline Range Organics (GRO)<br>C6--C10 | 2800          | U                | 55100       | 63900      |               | ug/Kg | ✱ | 116  | 10 - 150    | 3   | 32        |
| Surrogate                                | MSD %Recovery | MSD Qualifier    | Limits      |            |               |       |   |      |             |     |           |
| a,a,a-Trifluorotoluene (fid)             | 98            |                  | 65 - 125    |            |               |       |   |      |             |     |           |

Lab Sample ID: MB 400-625374/2-A

Matrix: Solid

Analysis Batch: 625024

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 625374

| Analyte                                  | MB Result    | MB Qualifier | RL       | MDL | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|------------------------------------------|--------------|--------------|----------|-----|-------|---|----------------|----------------|---------|
| Gasoline Range Organics (GRO)<br>C6--C10 | 50           | U            | 100      | 50  | ug/Kg |   | 05/16/23 09:36 | 05/16/23 10:48 | 1       |
| Surrogate                                | MB %Recovery | MB Qualifier | Limits   |     |       |   | Prepared       | Analyzed       | Dil Fac |
| a,a,a-Trifluorotoluene (fid)             | 92           |              | 65 - 125 |     |       |   | 05/16/23 09:36 | 05/16/23 10:48 | 1       |

Lab Sample ID: LCS 400-625374/1-A

Matrix: Solid

Analysis Batch: 625024

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 625374

| Analyte                                  | Spike Added   | LCS Result    | LCS Qualifier | Unit  | D | %Rec | %Rec Limits |  |  |
|------------------------------------------|---------------|---------------|---------------|-------|---|------|-------------|--|--|
| Gasoline Range Organics (GRO)<br>C6--C10 | 1000          | 1030          |               | ug/Kg |   | 103  | 62 - 141    |  |  |
| Surrogate                                | LCS %Recovery | LCS Qualifier | Limits        |       |   |      |             |  |  |
| a,a,a-Trifluorotoluene (fid)             | 92            |               | 65 - 125      |       |   |      |             |  |  |

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

Lab Sample ID: MB 400-624994/1-A

Matrix: Solid

Analysis Batch: 625137

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 624994

| Analyte                         | MB Result    | MB Qualifier | RL       | MDL | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|---------------------------------|--------------|--------------|----------|-----|-------|---|----------------|----------------|---------|
| Diesel Range Organics [C10-C28] | 2.0          | U            | 5.0      | 2.0 | mg/Kg |   | 05/15/23 23:45 | 05/17/23 15:27 | 1       |
| Oil Range Organics (C28-C35)    | 2.0          | U            | 5.0      | 2.0 | mg/Kg |   | 05/15/23 23:45 | 05/17/23 15:27 | 1       |
| Surrogate                       | MB %Recovery | MB Qualifier | Limits   |     |       |   | Prepared       | Analyzed       | Dil Fac |
| o-Terphenyl (Surr)              | 100          |              | 27 - 150 |     |       |   | 05/15/23 23:45 | 05/17/23 15:27 | 1       |

Lab Sample ID: LCS 400-624994/2-A

Matrix: Solid

Analysis Batch: 625137

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 624994

| Analyte                            | Spike Added | LCS Result | LCS Qualifier | Unit  | D | %Rec | %Rec Limits |  |  |
|------------------------------------|-------------|------------|---------------|-------|---|------|-------------|--|--|
| Diesel Range Organics<br>[C10-C28] | 292         | 225        |               | mg/Kg |   | 77   | 38 - 116    |  |  |

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## QC Sample Results

Client: Stantec Consulting Services Inc  
Project/Site: Blanco North - Kutz Area Assessment

Job ID: 400-237555-1  
SDG: Blanco Field North Flare Pit.00

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

Lab Sample ID: LCS 400-624994/2-A

Matrix: Solid

Analysis Batch: 625137

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 624994

|                    | LCS       | LCS       |          |
|--------------------|-----------|-----------|----------|
| Surrogate          | %Recovery | Qualifier | Limits   |
| o-Terphenyl (Surr) | 111       |           | 27 - 150 |

Lab Sample ID: MB 400-625268/1-A

Matrix: Solid

Analysis Batch: 625419

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 625268

|                                 | MB        | MB        |          |     |       |   |                |                |         |  |
|---------------------------------|-----------|-----------|----------|-----|-------|---|----------------|----------------|---------|--|
| Analyte                         | Result    | Qualifier | RL       | MDL | Unit  | D | Prepared       | Analyzed       | Dil Fac |  |
| Diesel Range Organics [C10-C28] | 2.0       | U         | 5.0      | 2.0 | mg/Kg |   | 05/17/23 12:58 | 05/18/23 14:35 | 1       |  |
| Oil Range Organics (C28-C35)    | 2.0       | U         | 5.0      | 2.0 | mg/Kg |   | 05/17/23 12:58 | 05/18/23 14:35 | 1       |  |
|                                 | MB        | MB        |          |     |       |   |                |                |         |  |
| Surrogate                       | %Recovery | Qualifier | Limits   |     |       |   | Prepared       | Analyzed       | Dil Fac |  |
| o-Terphenyl (Surr)              | 69        |           | 27 - 150 |     |       |   | 05/17/23 12:58 | 05/18/23 14:35 | 1       |  |

Lab Sample ID: LCS 400-625268/2-A

Matrix: Solid

Analysis Batch: 625419

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 625268

|                                 |           |           | Spike    | LCS    | LCS       |       |   |      |      |          |
|---------------------------------|-----------|-----------|----------|--------|-----------|-------|---|------|------|----------|
| Analyte                         |           |           | Added    | Result | Qualifier | Unit  | D | %Rec | %Rec | Limits   |
| Diesel Range Organics [C10-C28] |           |           | 292      | 261    |           | mg/Kg |   | 90   |      | 38 - 116 |
|                                 |           |           |          |        |           |       |   |      |      |          |
| Surrogate                       | LCS       | LCS       |          |        |           |       |   |      |      |          |
| o-Terphenyl (Surr)              | %Recovery | Qualifier | Limits   |        |           |       |   |      |      |          |
|                                 | 88        |           | 27 - 150 |        |           |       |   |      |      |          |

Lab Sample ID: MB 400-625392/1-A

Matrix: Solid

Analysis Batch: 625658

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 625392

|                                 | MB        | MB        |          |     |       |   |                |                |         |  |
|---------------------------------|-----------|-----------|----------|-----|-------|---|----------------|----------------|---------|--|
| Analyte                         | Result    | Qualifier | RL       | MDL | Unit  | D | Prepared       | Analyzed       | Dil Fac |  |
| Diesel Range Organics [C10-C28] | 2.0       | U         | 5.0      | 2.0 | mg/Kg |   | 05/18/23 00:32 | 05/19/23 13:11 | 1       |  |
| Oil Range Organics (C28-C35)    | 2.0       | U         | 5.0      | 2.0 | mg/Kg |   | 05/18/23 00:32 | 05/19/23 13:11 | 1       |  |
|                                 | MB        | MB        |          |     |       |   |                |                |         |  |
| Surrogate                       | %Recovery | Qualifier | Limits   |     |       |   | Prepared       | Analyzed       | Dil Fac |  |
| o-Terphenyl (Surr)              | 109       |           | 27 - 150 |     |       |   | 05/18/23 00:32 | 05/19/23 13:11 | 1       |  |

Lab Sample ID: LCS 400-625392/2-A

Matrix: Solid

Analysis Batch: 625658

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 625392

|                                 |           |           | Spike    | LCS    | LCS       |       |   |      |      |          |
|---------------------------------|-----------|-----------|----------|--------|-----------|-------|---|------|------|----------|
| Analyte                         |           |           | Added    | Result | Qualifier | Unit  | D | %Rec | %Rec | Limits   |
| Diesel Range Organics [C10-C28] |           |           | 292      | 271    |           | mg/Kg |   | 93   |      | 38 - 116 |
|                                 |           |           |          |        |           |       |   |      |      |          |
| Surrogate                       | LCS       | LCS       |          |        |           |       |   |      |      |          |
| o-Terphenyl (Surr)              | %Recovery | Qualifier | Limits   |        |           |       |   |      |      |          |
|                                 | 24        | S1-       | 27 - 150 |        |           |       |   |      |      |          |

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## QC Sample Results

Client: Stantec Consulting Services Inc  
Project/Site: Blanco North - Kutz Area Assessment

Job ID: 400-237555-1  
SDG: Blanco Field North Flare Pit.00

## Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: LCS 400-625078/2-A

Matrix: Solid

Analysis Batch: 625361

Client Sample ID: Lab Control Sample

Prep Type: Soluble

| Analyte  | Spike Added | LCS Result | LCS Qualifier | Unit  | D | %Rec | %Rec Limits |
|----------|-------------|------------|---------------|-------|---|------|-------------|
| Chloride | 99.4        | 91.8       |               | mg/Kg |   | 92   | 80 - 120    |

Lab Sample ID: 400-237555-5 MS

Matrix: Solid

Analysis Batch: 625361

Client Sample ID: MW58 14FT

Prep Type: Soluble

| Analyte  | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit  | D | %Rec | %Rec Limits |
|----------|---------------|------------------|-------------|-----------|--------------|-------|---|------|-------------|
| Chloride | 33            | F2 F1            | 112         | 251       | F1           | mg/Kg | ✱ | 195  | 80 - 120    |

Lab Sample ID: 400-237555-5 MSD

Matrix: Solid

Analysis Batch: 625361

Client Sample ID: MW58 14FT

Prep Type: Soluble

| Analyte  | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit  | D | %Rec | %Rec Limits | RPD | RPD Limit |
|----------|---------------|------------------|-------------|------------|---------------|-------|---|------|-------------|-----|-----------|
| Chloride | 33            | F2 F1            | 112         | 137        | F2            | mg/Kg | ✱ | 93   | 80 - 120    | 59  | 15        |

Lab Sample ID: MB 400-625078/1-A

Matrix: Solid

Analysis Batch: 625450

Client Sample ID: Method Blank

Prep Type: Soluble

| Analyte  | MB Result | MB Qualifier | RL | MDL | Unit  | D | Prepared | Analyzed       | Dil Fac |
|----------|-----------|--------------|----|-----|-------|---|----------|----------------|---------|
| Chloride | 2.3       | U            | 20 | 2.3 | mg/Kg |   |          | 05/18/23 17:42 | 1       |

Lab Sample ID: LCSD 400-625078/3-A

Matrix: Solid

Analysis Batch: 625450

Client Sample ID: Lab Control Sample Dup

Prep Type: Soluble

| Analyte  | Spike Added | LCSD Result | LCSD Qualifier | Unit  | D | %Rec | %Rec Limits | RPD | RPD Limit |
|----------|-------------|-------------|----------------|-------|---|------|-------------|-----|-----------|
| Chloride | 97.5        | 92.9        |                | mg/Kg |   | 95   | 80 - 120    | 1   | 15        |

## Method: Moisture - Percent Moisture

Lab Sample ID: 400-237555-9 DU

Matrix: Solid

Analysis Batch: 624901

Client Sample ID: MW58 36FT

Prep Type: Total/NA

| Analyte          | Sample Result | Sample Qualifier | DU Result | DU Qualifier | Unit | D | RPD | RPD Limit |
|------------------|---------------|------------------|-----------|--------------|------|---|-----|-----------|
| Percent Solids   | 95.3          |                  | 95.5      |              | %    |   | 0.2 | 10        |
| Percent Moisture | 4.7           |                  | 4.5       |              | %    |   | 3   |           |

## Login Sample Receipt Checklist

Client: Stantec Consulting Services Inc

Job Number: 400-237555-1

SDG Number: Blanco Field North Flare Pit.00

**Login Number: 237555****List Number: 1****List Source: Eurofins Pensacola****Creator: Roberts, Alexis J**

| Question                                                                         | Answer | Comment    |
|----------------------------------------------------------------------------------|--------|------------|
| Radioactivity wasn't checked or is <=/ background as measured by a survey meter. | N/A    |            |
| The cooler's custody seal, if present, is intact.                                | N/A    |            |
| Sample custody seals, if present, are intact.                                    | N/A    |            |
| The cooler or samples do not appear to have been compromised or tampered with.   | True   |            |
| Samples were received on ice.                                                    | True   |            |
| Cooler Temperature is acceptable.                                                | True   |            |
| Cooler Temperature is recorded.                                                  | True   | 1.3°C IR11 |
| COC is present.                                                                  | True   |            |
| COC is filled out in ink and legible.                                            | True   |            |
| COC is filled out with all pertinent information.                                | True   |            |
| Is the Field Sampler's name present on COC?                                      | True   |            |
| There are no discrepancies between the containers received and the COC.          | True   |            |
| Samples are received within Holding Time (excluding tests with immediate HTs)    | True   |            |
| Sample containers have legible labels.                                           | True   |            |
| Containers are not broken or leaking.                                            | True   |            |
| Sample collection date/times are provided.                                       | True   |            |
| Appropriate sample containers are used.                                          | True   |            |
| Sample bottles are completely filled.                                            | True   |            |
| Sample Preservation Verified.                                                    | N/A    |            |
| There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs | True   |            |
| Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").  | 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

|                                                                                                                                                                                                                                                                     |  |                                                                              |             |                                                                                                       |                                                          |                                                                                                                                                                                                                                        |                                       |                            |                   |                                                                                                                                                                                                                                                                                                                                                                                                        |                     |           |  |  |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|------------------------------------------------------------------------------|-------------|-------------------------------------------------------------------------------------------------------|----------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------|----------------------------|-------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------|-----------|--|--|
| <b>Client Information</b>                                                                                                                                                                                                                                           |  | Sampler: <b>Rob Malcomson</b>                                                |             | Lab PM: Whitmire, Cheyenne R                                                                          |                                                          | Carrier Tracking No(s):                                                                                                                                                                                                                |                                       | COC No: 400-118959-40933.3 |                   |                                                                                                                                                                                                                                                                                                                                                                                                        |                     |           |  |  |
| Client Contact: Steve Varsa                                                                                                                                                                                                                                         |  | Phone: <b>515 251 1019</b>                                                   |             | E-Mail: Cheyenne.Whitmire@et.eurofinsus.com                                                           |                                                          | State of Origin: <b>NM</b>                                                                                                                                                                                                             |                                       | Page: Page 3 of 3          |                   |                                                                                                                                                                                                                                                                                                                                                                                                        |                     |           |  |  |
| Company: Stantec Consulting Services Inc                                                                                                                                                                                                                            |  | PWSID:                                                                       |             | Analysis Requested                                                                                    |                                                          |                                                                                                                                                                                                                                        |                                       |                            |                   | Job #:                                                                                                                                                                                                                                                                                                                                                                                                 |                     |           |  |  |
| Address: 11311 Aurora Avenue                                                                                                                                                                                                                                        |  | Due Date Requested:                                                          |             | <br>400-237555 COC |                                                          |                                                                                                                                                                                                                                        |                                       |                            |                   | Preservation Codes:<br>A - HCL<br>B - NaOH<br>C - Zn Acetate<br>D - Nitric Acid<br>E - NaHSO4<br>F - MeOH<br>G - Amchlor<br>H - Ascorbic Acid<br>I - Ice<br>J - DI Water<br>K - EDTA<br>L - EDA<br>M - Hexane<br>N - None<br>O - AsNaO2<br>P - Na2O4S<br>Q - Na2SO3<br>R - Na2S2O3<br>S - H2SO4<br>T - TSP Dodecahydrate<br>U - Acetone<br>V - MCAA<br>W - pH 4-5<br>Y - Trizma<br>Z - other (specify) |                     |           |  |  |
| City: Des Moines                                                                                                                                                                                                                                                    |  | TAT Requested (days): <b>Standard</b>                                        |             |                                                                                                       |                                                          |                                                                                                                                                                                                                                        |                                       |                            |                   |                                                                                                                                                                                                                                                                                                                                                                                                        |                     |           |  |  |
| State, Zip: IA, 50322-7904                                                                                                                                                                                                                                          |  | Compliance Project: <input type="checkbox"/> Yes <input type="checkbox"/> No |             |                                                                                                       |                                                          |                                                                                                                                                                                                                                        |                                       |                            |                   |                                                                                                                                                                                                                                                                                                                                                                                                        |                     |           |  |  |
| Phone: <b>515 251 2019</b>                                                                                                                                                                                                                                          |  | PO #: WD1040009                                                              |             |                                                                                                       |                                                          |                                                                                                                                                                                                                                        |                                       |                            |                   |                                                                                                                                                                                                                                                                                                                                                                                                        |                     |           |  |  |
| Email: steve.varsa@stantec.com                                                                                                                                                                                                                                      |  | WO #: Blanco NFP_ERG_ARF_20230223                                            |             |                                                                                                       |                                                          |                                                                                                                                                                                                                                        |                                       |                            |                   |                                                                                                                                                                                                                                                                                                                                                                                                        |                     |           |  |  |
| Project Name: Blanco Field North Flare Pit.00                                                                                                                                                                                                                       |  | Project #: 40012762                                                          |             | Total Number of Containers                                                                            |                                                          |                                                                                                                                                                                                                                        |                                       |                            |                   | Special Instructions/Note:                                                                                                                                                                                                                                                                                                                                                                             |                     |           |  |  |
| Site:                                                                                                                                                                                                                                                               |  | SSOW#:                                                                       |             |                                                                                                       |                                                          |                                                                                                                                                                                                                                        |                                       |                            |                   |                                                                                                                                                                                                                                                                                                                                                                                                        |                     |           |  |  |
| Sample Identification                                                                                                                                                                                                                                               |  | Sample Date                                                                  | Sample Time | Sample Type (C=Comp, G=grab)                                                                          | Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air) | Field Filtered Sample (Yes/No)                                                                                                                                                                                                         | 8015B_DRO - DRO C10-C28 & ORO C28-C35 | 300_ORGFM_28D - Chloride   | 8260B - BTEX 8260 | 8015B_GRO - GRO(C6-C10)                                                                                                                                                                                                                                                                                                                                                                                | Moisture - Moisture | 418.1 TPH |  |  |
|                                                                                                                                                                                                                                                                     |  |                                                                              |             | Preservation Code                                                                                     |                                                          |                                                                                                                                                                                                                                        | N                                     | N                          | N                 | N                                                                                                                                                                                                                                                                                                                                                                                                      | N                   |           |  |  |
| MW59 15 ft.                                                                                                                                                                                                                                                         |  | 5/7/23                                                                       | 1400        | G                                                                                                     | Solid                                                    |                                                                                                                                                                                                                                        | X                                     | X                          | X                 | X                                                                                                                                                                                                                                                                                                                                                                                                      | X                   |           |  |  |
| MW59 47 ft.                                                                                                                                                                                                                                                         |  | 5/7/23                                                                       | 1625        | G                                                                                                     | Solid                                                    |                                                                                                                                                                                                                                        | X                                     | X                          | X                 | X                                                                                                                                                                                                                                                                                                                                                                                                      | X                   |           |  |  |
| MW59 58 ft.                                                                                                                                                                                                                                                         |  | 5/8/23                                                                       | 0915        | G                                                                                                     | Solid                                                    |                                                                                                                                                                                                                                        | X                                     | X                          | X                 | X                                                                                                                                                                                                                                                                                                                                                                                                      | X                   |           |  |  |
| MW59 63 ft.                                                                                                                                                                                                                                                         |  | 5/8/23                                                                       | 0945        | G                                                                                                     | Solid                                                    |                                                                                                                                                                                                                                        | X                                     | X                          | X                 | X                                                                                                                                                                                                                                                                                                                                                                                                      | X                   |           |  |  |
| MW58 14 ft.                                                                                                                                                                                                                                                         |  | 5/9/23                                                                       | 0745        | G                                                                                                     | Solid                                                    |                                                                                                                                                                                                                                        | X                                     | X                          | X                 | X                                                                                                                                                                                                                                                                                                                                                                                                      | X                   |           |  |  |
| MW58 17 ft.                                                                                                                                                                                                                                                         |  | 5/9/23                                                                       | 0755        | G                                                                                                     | Solid                                                    |                                                                                                                                                                                                                                        | X                                     | X                          | X                 | X                                                                                                                                                                                                                                                                                                                                                                                                      | X                   |           |  |  |
| MW58 20 ft.                                                                                                                                                                                                                                                         |  | 5/9/23                                                                       | 0758        | G                                                                                                     | Solid                                                    |                                                                                                                                                                                                                                        | X                                     | X                          | X                 | X                                                                                                                                                                                                                                                                                                                                                                                                      | X                   |           |  |  |
| MW58 25 ft.                                                                                                                                                                                                                                                         |  | 5/9/23                                                                       | 0800        | G                                                                                                     | Solid                                                    |                                                                                                                                                                                                                                        | X                                     | X                          | X                 | X                                                                                                                                                                                                                                                                                                                                                                                                      | X                   |           |  |  |
| MW58 36 ft.                                                                                                                                                                                                                                                         |  | 5/9/23                                                                       | 0855        | G                                                                                                     | Solid                                                    |                                                                                                                                                                                                                                        | X                                     | X                          | X                 | X                                                                                                                                                                                                                                                                                                                                                                                                      | X                   |           |  |  |
| MW58 46 ft.                                                                                                                                                                                                                                                         |  | 5/9/23                                                                       | 0905        | G                                                                                                     | Solid                                                    |                                                                                                                                                                                                                                        | X                                     | X                          | X                 | X                                                                                                                                                                                                                                                                                                                                                                                                      | X                   |           |  |  |
| MW58 62 ft.                                                                                                                                                                                                                                                         |  | 5/9/23                                                                       | 1030        | G                                                                                                     | Solid                                                    |                                                                                                                                                                                                                                        | X                                     | X                          | X                 | X                                                                                                                                                                                                                                                                                                                                                                                                      | X                   |           |  |  |
| Possible Hazard Identification<br><input checked="" type="checkbox"/> Non-Hazard <input type="checkbox"/> Flammable <input type="checkbox"/> Skin Irritant <input type="checkbox"/> Poison B <input type="checkbox"/> Unknown <input type="checkbox"/> Radiological |  |                                                                              |             |                                                                                                       |                                                          | Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)<br><input type="checkbox"/> Return To Client <input checked="" type="checkbox"/> Disposal By Lab <input type="checkbox"/> 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: <b>Rob Malcomson</b>                                                                                                                                                                                                                               |  |                                                                              |             | Date/Time: <b>5/10/23 1300</b>                                                                        |                                                          | Company: <b>Stantec</b>                                                                                                                                                                                                                |                                       | Received by: <b>FedEx</b>  |                   | Date/Time: <b>5/10/23 1300</b>                                                                                                                                                                                                                                                                                                                                                                         |                     | Company:  |  |  |
| Relinquished by:                                                                                                                                                                                                                                                    |  |                                                                              |             | Date/Time:                                                                                            |                                                          | Company:                                                                                                                                                                                                                               |                                       | Received by:               |                   | Date/Time:                                                                                                                                                                                                                                                                                                                                                                                             |                     | Company:  |  |  |
| Relinquished by:                                                                                                                                                                                                                                                    |  |                                                                              |             | Date/Time:                                                                                            |                                                          | Company:                                                                                                                                                                                                                               |                                       | Received by: <b>JB</b>     |                   | Date/Time: <b>5/11/23 9:34</b>                                                                                                                                                                                                                                                                                                                                                                         |                     | Company:  |  |  |
| Custody Seals Intact: <input type="checkbox"/> Yes <input type="checkbox"/> No                                                                                                                                                                                      |  | Custody Seal No.:                                                            |             |                                                                                                       |                                                          | Cooler Temperature(s) °C and Other Remarks: <b>1.3 IR11</b>                                                                                                                                                                            |                                       |                            |                   |                                                                                                                                                                                                                                                                                                                                                                                                        |                     |           |  |  |

Ver: 06/08/2021

## Accreditation/Certification Summary

Client: Stantec Consulting Services Inc  
Project/Site: Blanco North - Kutz Area Assessment

Job ID: 400-237555-1  
SDG: Blanco Field North Flare Pit.00

### Laboratory: Eurofins Pensacola

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

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

**District I**  
1625 N. French Dr., Hobbs, NM 88240  
Phone:(575) 393-6161 Fax:(575) 393-0720  
**District II**  
811 S. First St., Artesia, NM 88210  
Phone:(575) 748-1283 Fax:(575) 748-9720  
**District III**  
1000 Rio Brazos Rd., Aztec, NM 87410  
Phone:(505) 334-6178 Fax:(505) 334-6170  
**District IV**  
1220 S. St Francis Dr., Santa Fe, NM 87505  
Phone:(505) 476-3470 Fax:(505) 476-3462

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

CONDITIONS  
  
Action 327771

CONDITIONS

|                                                                                               |                                                                          |
|-----------------------------------------------------------------------------------------------|--------------------------------------------------------------------------|
| Operator:<br>El Paso Natural Gas Company, L.L.C<br>1001 Louisiana Street<br>Houston, TX 77002 | OGRID:<br>7046                                                           |
|                                                                                               | Action Number:<br>327771                                                 |
|                                                                                               | Action Type:<br>[UF-GWA] Ground Water Abatement (GROUND WATER ABATEMENT) |

CONDITIONS

| Created By       | Condition                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Condition Date |
|------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|
| michael.buchanan | Review of the 2023 Annual Groundwater Monitoring Report for El Paso Natural Gas Company, Blanco Plant - North Flare Pit: Content Satisfactory<br>1. Continue as planned to manually bail LNAPL where present in wells: MW-32, MW-47, MP-1 and TW-2, and conduct groundwater sampling in groundwater wells without measurable product. 2. Please sample for BTEX by EPA method 8260D and nitrate by method EPA 300.0 3. Report results and findings to the OCD in the next annual monitoring report by April 1, 2025. | 10/16/2024     |