



Remediation Summary and Site Closure Request

June 17, 2024

Misti Bryant

Prepared by:
Misti Bryant
Staff Geologist

SRO 5 State Com #506H & 507H

NMOCD Reference Number:
nRM1933644528

Prepared For:

ConocoPhillips, LLC.
600 W Illinois Avenue
Midland, TX 79701

Prepared By:

TRC Environmental Corporation
505 E. Huntland Dr. STE 250
Austin, TX 78752

Jared E. Stoffel

Reviewed and Approved by:
Jared E. Stoffel, PG
Project Manager

TABLE OF CONTENTS

1.0 INTRODUCTION AND BACKGROUND INFORMATION..... 2

2.0 SITE CHARACTERIZATION 2

3.0 INITIAL WORKPLAN AND SUBSEQUENT NMOCD DENIAL OF WORK PLAN 3

4.0 REVISED SITE ASSESSMENT SUMMARY & PROPOSED VARIANCE AND
REMEDATION WORKPLAN ADDENDUM AND NMOCD DENIAL OF REVISED
WORKPLAN 3

5.0 REVISED SITE ASSESSMENT SUMMARY & PROPOSED VARIANCE AND
REMEDATION WORKPLAN ADDENDUM AND NMOCD APPROVAL OF THE
ADDENDUM 5

6.0 APPROVED WORKPLAN ENACTMENT 6

7.0 GROUNDWATER ASSESSMENT AND MONITORING..... 8

8.0 SITE CLOSURE REQUEST..... 10

9.0 LIMITATION..... 10

10.0 DISTRIBUTION 11



TABLES AND PLOTS

Table 1: Confirmation Soil Sample Analytical Results

Table 2: Groundwater Elevation Data

Table 3: Groundwater Analytical Results

Plot 1: Stiff Diagram for MW-1 in 4Q2024

Plot 2: Stiff Diagram for MW-6 in 4Q2024

Plot 3: Stiff Diagram for MW-2 in 4Q2024

Plot 4: Stiff Diagram for MW-5 in 4Q2024

Plot 5: Stiff Diagram for MW-4 in 4Q2024

Plot 6: Stiff Diagram for MW-3 in 4Q2024

FIGURES

Figure 1: Site Location Map

Figure 2: Wetlands and FEMA Floodplain Map

Figure 3: Karst Potential Map

Figure 4: Excavation and Sample Location Map

Figure 5A: 1Q2023 Groundwater Potentiometric Surface Map

Figure 5B: 2Q2023 Groundwater Potentiometric Surface Map

Figure 5C: 3Q2023 Groundwater Potentiometric Surface Map

Figure 5D: 4Q2023 Groundwater Potentiometric Surface Map

APPENDICES

Appendix A – NMOCD Approved Workplan

Appendix B – Release Notification and Corrective Action (Form C-141)

Appendix C – Photographic Documentation

Appendix D – Boring Logs

Appendix E – Water Well Search

Appendix F – Laboratory Analytical Data



1.0 Introduction and Background Information

TRC Environmental Corporation (TRC), on behalf of ConocoPhillips, LLC (COP), has prepared this *Remediation Summary and Site Closure Request* for the Release Site known as the SRO 5 State com #506H & 507H (the Site). The legal description of the Site is Unit Letter "I/L", Section 32/33, Township 25 South, Range 28 East, in Eddy County, New Mexico. The subject property is owned by a private landowner. The GPS coordinates for the Site are N 32.08505° W 104.10065. Figure 1 depicts the site location.

On August 14, 2019, COP discovered a recycled produced water release had occurred at the Site. The release was attributed to a third-party contractor line-strike. Approximately one thousand two hundred ninety one (1,291) barrels (bbls) of recycled produced water was released.

On the discovery date, COP notified the New Mexico Oil and Conservation Division (NMOCD) of the Release. The Release was assigned an NMOCD Reference number of 2RP-5717. On August 28, 2019, the initial Release Notification and Corrective Action (Form C-141) was submitted to the NMOCD. The Form C-141 indicated a total volume of 1,291 bbls of recycled produced water was released. No produced water was recovered during initial response activities. The Release affected an area measuring approximately 103,200 square feet (sq. ft.). A copy of the submitted Form C-141 for the Release is provided in **Appendix B**.

A groundwater database maintained by The New Mexico Office of the State Engineer (NMOSE) did not identify any registered water wells in Section 31 or 32, Township 25 South, Range 28 East. The nearest well recorded in the NMOSE groundwater database is located approximately three quarters (0.75) of a mile northeast of the Site and has an indicated depth to groundwater of ninety (90) feet below ground surface (bgs). The database search is included as Appendix B. No surface water was observed within one-thousand (1,000) feet of the Release. An aerial map of the Site location is provided as **Figure 2**.

2.0 Site Characterization

During the additional site investigation following the NMOCD denial of the workplan, monitoring wells were permitted with the New Mexico Office of the State Engineer (NMOSE) and NMSLO and were installed south, east, and northwest of the Release Site. The depth to groundwater was determined to range between approximately 22 feet and 33 feet bgs. The groundwater bearing unit appeared to be a rounded gravel unit encountered at approximately nineteen (19) feet bgs to the north within the draw (SB-DTW and MW-3), and a clay unit with a gypsum crystal matrix to the north outside the draw (MW-1). The units appear to co-mingle between the two areas (MW-2). As delineation borings were advanced across the Site, borings were terminated when field screen results indicated chloride concentrations were less than 600 mg/kg, or at the capillary fringe of the water table. However, during delineation activities within the footprint of the Release, the capillary fringe was not encountered again. The monitoring well and boring logs are provided as Appendix C. The extent of the shallow groundwater bearing unit may be apparent in the aerial



photographs of the Release Site and is likely associated with the draw to the north. The groundwater bearing unit outside the draw is likely Rustler Formation.

Based on the inferred depth to groundwater at the SRO 5 State Com #506H & 507H Release Site, the NMOCD Closure Criteria for Soils Impacted by a Release warrants the most stringent closure criteria listed. In addition, the SRO 5 State Com #506H & 507H is located in the 'medium karst' and 'high karst' areas as outlined in **Figure 3** Karst Potential Map. Consequently, COG will utilize the most stringent NMOCD Closure Criteria for Soils Impacted by a Release for the SRO 5 State Com #506H & 507H as follows:

- Benzene – 10 mg/kg
- Benzene, toluene, ethylbenzene, and xylenes (BTEX) – 50 mg/kg
- Total Petroleum Hydrocarbons (TPH) – 100 mg/kg
- Chloride – 600 mg/kg

3.0 Initial Workplan and Subsequent NMOCD Denial of Work Plan

On February 4, 2020, COG submitted a Site Assessment Summary and Proposed Variance and Remediation Workplan to the NMOCD. In the workplan, COG documented a background chloride concentration study that indicated surface soil background (the upper 4 feet) was slightly higher than the NMOCD closure criteria of 600 mg/kg (proposed background – 712 mg/kg). Additionally, it documented background chloride concentrations at depth (greater than 4 feet bgs) of up to 3,770 mg/kg. Based on the background study results, COG requested a four (4) foot excavation to 712 mg/kg and installation of a liner at the base of the excavation.

On June 4, 2020, the NMOCD responded with a denial of the proposed variance and remediation workplan for the following reasons:

- The NMOCD did not agree with the background data, as presented.
- The NMOCD requested further evidence to determine depth to groundwater at the Release Site.
- The NMOCD requested vertical and horizontal delineation of chloride concentrations to below 600 mg/kg chloride across the Release Site.

4.0 Revised Site Assessment Summary & Proposed Variance and Remediation Workplan Addendum and NMOCD Denial of Revised Workplan

Following the denial of the initial workplan, a meeting with the OCD was requested to help inform COG's path forward and subsequent workplan submission. In response to this meeting, additional background investigation and depth to groundwater investigation activities were



enacted and a draft revised workplan written based on the collected data. The OCD informally reviewed the draft revised workplan, submitted on November 4, 2020 directly to the regulator via email. After review of the draft revised workplan, the agency recommended three (3) groundwater monitoring wells at the Site and the associated data be presented as part of the revised workplan prior to formal submission through the portal. The monitoring wells were installed in May 2021.

On December 7, 2021, COP submitted a Revised Site Assessment Summary & Proposed Variance and Remediation Workplan. The workplan provided further documentation of background chloride concentrations, a more thorough understanding of the depth and quality of groundwater underlying the Site, and a revised set of remedial actions. Part of the background discussion is the differentiation of the Site to a northern 'Inside the Draw Area' which did not exhibit elevated background chloride concentrations (Areas 1 – 6 in **Figure 4**) and a southern 'Outside Draw Area' which was characterized by evaporite deposits and did exhibit elevated background chloride concentrations (Areas 7 and 8 in **Figure 4**). The revised workplan remedial activities included:

- Excavation and removal of soils on the north end (Inside the Draw Area/Areas 1 - 6) of the Site will occur to the 600 milligrams per kilogram (mg/kg) chloride limit.
- Excavation and removal of soils on the south end (Outside Draw/Areas 7 and 8) of the Site will occur to approximately four (4) feet bgs. Soils above 600 mg/kg remaining at depths greater than 4 feet bgs were to be left in place as they are representative of background conditions.
- Confirmation sidewall samples will be collected on a six hundred (600) square foot basis. The chloride limit for all sidewalls will be 600 mg/kg.
- Confirmation floor samples will be collected on a one thousand (1,000) square foot basis in Areas 1 through 6. No floor samples will be collected from the area to be lined (Areas 7 and 8). The limit for chloride concentrations in Areas 1 through 6 will be 600 mg/kg.
- Clean overburden excavated from the surface will be mixed to homogenize the stockpile atop plastic and sampled via 5-point composite for chloride concentrations on a one-hundred (100) cubic yard (cy) basis. If chloride concentrations are below 600 mg/kg, the soil will be re-used for backfilling. If composite samples exceed 600 mg/kg chloride, the material will be transported offsite to a proper disposal facility.
- Three (3) additional monitor wells will be installed. The proposed easternmost well will be laterally moved northward to be in-line with MW-2; however, the well will not be located so far north that it is installed into the presumed alluvium or Rustler/alluvium transition.



- Additional groundwater monitoring/sampling to be performed following monitoring well installation to further investigate the groundwater underlying the Site.
- Additional clarification of the proposed schedule of activities, including soil remediation and groundwater monitoring.

The NMOCD provided denial of the December 2021 *Revised Site Assessment Summary & Proposed Variance and Remediation Workplan* on May 12, 2022, via the E-permitting portal. The NMOCD's denial e-mail indicated adherence to the most stringent closure criteria for the entirety of the Release Site, a sample frequency variance of one (1) confirmation soil sample per 500 square feet of floor and sidewall footprint, and overburden sample frequency of one (1) soil sample per 200 cubic feet. The monitoring wells were approved, but the easternmost water well was requested to be moved northward by approximately 150 feet.

5.0 Revised Site Assessment Summary & Proposed Variance and Remediation Workplan Addendum and NMOCD Approval of the Addendum

A meeting was conducted between COP, NMOCD, and TRC on June 8, 2022, to discuss the December 2021 *Revised Site Assessment & Proposed Variance and Remediation Workplan* and NMOCD's May 12, 2022 denial. Based on the June 8, 2022 meeting and as summarized in TRC's June 10, 2022 e-mail to NMOCD, this Addendum included the following changes to the remediation workplan presented in December 2021 Revised Site Assessment Summary & Proposed Variance and Remediation Workplan:

- An increase in confirmation soil sampling frequency from one (1) composite soil sample per 600 square feet (sidewalls) and one (1) composite soil sample per 1,000 square feet (floors) to one (1) composite soil sample per 500 cubic square feet for both floors and sidewalls.
- An increase in the 'clean overburden' sampling frequency from one (1) composite soil sample per 100 cy of 'clean overburden' material to one (1) composite soil sample per 50 cy of 'clean overburden' material.
- Installation of a 20-mil liner in Areas 7 and 8.
- Collection of one (1) additional 5-point composite sample from the base of each Area 7 & Area 8 prior to liner installation (requested in follow-up email after meeting by NMOCD).
- The easternmost monitoring well will be installed approximately 150 feet north of the previously proposed monitoring well location.



This Addendum addresses the above revisions to *the Revised Site Assessment & Proposed Variance and Remediation Workplan*. Additional details regarding the Addendum are provided below. The proposed excavation and off-Site disposal of soil within the Draw area (Areas 1 through 6) with chloride concentrations above the Closure Criterion will be conducted in accordance with Proposed Soils Workplan section of the *Revised Site Assessment & Proposed Variance and Remediation Workplan*. The NMOCD approved the addendum on November 15, 2022.

6.0 Approved Workplan Enactment

On March 21st, 2023, remediation activities commenced at the Release Site. With respect to the areas characterized as not affected by elevated background chloride concentrations (Areas 1 -6) excavations were advanced until chloride field screening indicated confirmation soil samples at the sidewalls and base of the excavation would exhibit chloride concentrations below 600 mg/kg. Excavated soil was stockpiled in 50 cubic yard piles for determination of ‘clean overburden’.

The area represented by soil sample location TT-1 further delineated utilizing trenches (TT-1a through TT-1e) to determine if the very slightly elevated chloride concentration (TT-1 @ 1’ exhibited a chloride concentration of 612 mg/kg) had changed since initial delineation. Only TT-1b @ 0-1’ still exhibited chloride concentrations above 600 mg/kg. Following the trench installation, the area represented by TT-1b @ 0-1 was excavated to an approximate depth of one (1) foot bgs. The excavation in the area represented by soil sample location TT-3 was excavated to a depth of approximately ten (10) feet bgs. The excavation in the area represented by soil sample location TT-4 was excavated to a depth of approximately seven (7) to eight (8) feet bgs. The area represented by soil sample location TT-11 was excavated to a depth of approximately thirteen (13) to sixteen (16) feet bgs. The area represented by soil sample location TT-12 was excavated to a depth of approximately seven (7) feet bgs. The area represented by soil sample location TT-13 was excavated to a depth of approximately six (6) to eight (8) feet bgs. The area represented by soil sample location TT-14 was excavated to a depth of approximately three (3) feet bgs.

The areas represented by soil sample locations TT-W5, TT-7, TT-8, TT-15, and TT-16 (Area 7 and 8) were excavated to four (4) feet bgs to restore the ‘root zone’ and provide soil with low chloride concentrations to promote vegetation growth. The excavated soil not characterized as ‘clean overburden’ was disposed of at an NMOCD approved disposal facility alongside the affected material excavated from the draw area.

Following excavation activities, a 20-mil polyvinyl liner was installed at the base of the excavation within Area 7 and 8. The liner is designed as an engineering control to protect groundwater from rainwater infiltration through soil with documented elevated chloride concentrations, regardless



of the provenance of the elevated chloride concentrations. The excavation areas and depths are depicted in Figure 4.

Confirmation Sampling

One (1) five-point composite sidewall confirmation soil sample was collected for every five hundred (500) square feet of excavated sidewall to ensure the lateral extent of the chloride-affected soil has been removed. Soil samples were analyzed for TPH (EPA 8015M), BTEX (EPA 8021B) and chloride (E300.0) concentrations. Each submitted sidewall soil sample exhibited TPH and BTEX concentrations below NMOCD regulatory guidelines. One (1) sidewall confirmation soil sample (SW-12) exhibited chloride concentrations above NMOCD regulatory guidelines. The sidewall represented by SW-12 was excavated laterally until field screen results indicated the affected soil had been removed, and sidewall confirmation soil sample SW-12A was collected. SW-12A exhibited chloride concentrations below 600 mg/kg.

One (1) five-point composite floor confirmation soil sample was collected from the base of the excavation for every five hundred (500) square feet of excavation floor. The excavation floor in the areas represented by trenches TT-7, TT-15, TT-16, and W-5 (Areas 7 and 8) each had a single five-point composite sample (FL-39 @ 4' & FL-40 @ 4') collected to document the chloride concentrations below the liner to be left in place. Soil samples were analyzed for TPH (EPA 8015M), BTEX (EPA 8021B) and chloride (E300.0) concentrations. Each submitted floor soil sample exhibited TPH and BTEX concentrations below NMOCD regulatory guidelines. Five (5) floor confirmation soil samples (FL-19 @ 6', FL-20 @ 6', FL-21 @ 6', FL-39 @ 4', and FL-40 @ 4') exhibited chloride concentrations above NMOCD regulatory guidelines. The excavation floor represented by FL-19 @ 6', FL-20 @ 6', and FL-21 @ 6' was excavated vertically until field chloride screen results indicate the affected soil had been removed. Floor confirmation soil samples FL-19 @ 8', FL-20 @ 7', and FL-21 @ 7' were collected from the new base of the excavation, were submitted for analysis at the laboratory, and each exhibited chloride concentrations below 600 mg/kg. No further excavation was enacted at FL-39 @ 4' or FL-40 @ 4', as these areas were mitigated utilizing a liner. **Figure 4** depicts the excavation footprint and the associated soil sample locations.

Overburden Use and Sampling

During excavation, potential 'clean overburden' material was staged in 50 cubic yard stockpiles for sampling and confirmation prior to re-use as backfill material. The 'clean overburden material' was staged on plastic and mechanically homogenized utilizing onsite equipment. Following homogenization, one five-point composite soil sample for every fifty (50) cy of excavated 'clean overburden' material was collected. Soil samples were analyzed for TPH, BTEX, and chloride concentrations consistent with the excavation confirmation soil samples. After review of the analytical results, the soil represented by soil samples exhibiting chloride concentrations below NMOCD regulatory guidelines was staged pending utilization as backfill material following excavation activities. The soil represented by soil samples exhibiting chloride



concentrations above NMOCD regulatory guidelines was staged pending disposal at an NMOCD approved disposal facility.

Volumes of ‘Clean Overburden’ Material and Material Transported to Disposal

The estimated volume of ‘clean overburden’ material was approximately 1,850 cy. The ‘clean overburden’ material was utilized as backfill material following completion of excavation and sampling activities, as described above.

The total volume of material exhibiting chloride concentrations above NMOCD regulatory guidelines was approximately 12,720 cy and was hauled to the R360 Red Bluff disposal facility.

Backfilling

Following confirmation soil sampling of the excavation sidewalls, floors, and ‘clean overburden’ and review of analytical results, the excavated area was returned to grade with the ‘clean overburden’ material and locally sourced clean backfill material.

7.0 Groundwater Assessment and Monitoring

In compliance with the approved revised workplan addendum, 3 additional monitoring wells (MW-4, MW-5, and MW-6) were installed on September 12, 2023. The wells were constructed with 2-inch Schedule 40 poly vinyl chloride (PVC) to a depth of approximately 37 to 42 feet bgs, after groundwater was encountered at approximately 26 - 36 feet bgs. The wells were constructed with a 20-foot length of 0.020 inch slot well screen. The filter pack utilized from the boring terminus to approximately 2 feet above the top of the screen was 8/16 grade silica sand. Hydrated bentonite chips were utilized to seal the annulus from the top of the sand pack to grade. The wells were developed utilizing a submersible pump and groundwater was containerized. The well construction and development information can be found in **Appendix D**.

Quarterly groundwater monitoring had been conducted at the Site on the existing monitoring wells MW-1 through MW-3 until the additional wells were installed. After installation, MW-4 through MW-6 were added to the monitoring plan.

During each monitoring event, the wells were gauged for depth to groundwater and sampled using low flow methodology for laboratory analysis of dissolved metals, alkalinity, hardness, pH, anions, and total dissolved solids (TDS). Gauging data is provided in **Table 2**. Groundwater analytical data is presented in **Table 3**. The monitoring well locations and potentiometric surface maps are presented as **Figures 5A through 5D**.

Depth to groundwater from top of casing (wells are monument style) range from 26.82 feet to 36.57 feet, with absolute elevations ranging from 2936.53 to 2932.99. The gauging data in MW-6 on 9/12/23 was not utilized as it was gauged the same day as development, and likely was not



representative of the equilibrium (this well is set in the presumed Rustler formation with slower recharge). An additional gauging event in early November was utilized to confirm the non-equilibrium status of this well during the 9/12/23 event. Generally the groundwater gradient runs from north to south-southeast. The gradient is relatively shallow in the north (Within the Draw area) and is steeper to the south-southeast.

Based on the sampling data, the water quality is poor with high total dissolved solids (TDS), chloride, and sulfates outside the draw area (in the area with elevated background concentrations – Area 7 and Area 8). Based on the lithology, the strata has more gypsum to the south and appear relatively gypsum free to the north. The northern area appears to be alluvial in nature, while the southern wells appear to be within the Rustler formation. The higher quality alluvial groundwater transitions to the lower quality Rustler formation water under the Site.

With this understanding of the Site, MW-1 and MW-6 are the furthest outside the draw area and thus the furthest into the Rustler formation. MW-1 and MW-6 have the highest sulfate, chloride, and TDS concentrations which is consistent with the literature on the Rustler formation. MW-2, MW-5, and MW-4 are within the inferred ‘transition zone’ where water quality is decreasing and chloride, sulfate, and TDS concentrations are increasing. The water quality parameters are increasing (and quality decreasing) in order of MW-4, MW-5, and MW-2. MW-4 is the furthest into the draw, MW-5 is closer the edge of the draw, and MW-2 is right at the edge of the draw. MW-3 has the best quality water (New Mexico Water Quality Control Commission (WQCC) standards) and is fully within the draw area. The amount of gypsum observed in the lithology of the borings increases from within the draw to outside the draw as well.

MW-2 is immediately downgradient of the Site. The water quality of this well is poor, but not as poor as MW-6 (further downgradient) or MW-1 (cross-gradient). As MW-2 is in the transition zone between the Rustler formation and alluvial formation to the north, poor water quality is likely related to the location relative to the alluvial groundwater bearing unit and the Rustler groundwater bearing unit rather than any affect the Release had on the groundwater. If MW-2 was affected by the Release, the expectation would be the cross and down gradient wells MW-1 and MW-6 would be of higher quality (and lower sulfate, chloride, and TDS) than MW-2. The relative changes in water chemistry from the Rustler formation wells to the south to the alluvial strata wells to the north are apparent in the Stiff diagrams, presented as **Plots 1 – 6**, for each installed monitoring well for the 4Q2024 data. In these plots, the high sulfate and calcium + magnesium and very low carbonate + bicarbonate ratios are apparent in all 6 wells. However, the sodium + potassium and chloride ratios show a clear change between the Rustler wells to the south – MW-1 and MW-6 (cross and further downgradient wells) show the highest sodium + potassium ratios (likely related to the evaporitic deposits documented as part of the background study ‘outside the draw’), MW-2 shows lesser chloride and sodium + potassium ratios (transition between inside and outside draw; immediately downgradient of release), MW-5 shows less effect of chloride and sodium plus potassium as the location transitions further into the draw (transition between inside and outside draw; upgradient of release), and MW-4 and MW-3 show the lowest chloride and sodium + potassium ratios as they are furthest into the draw (and alluvial formation). If the changes of sodium + potassium and chloride were due to the Release, we wouldn’t expect to see the increasing



trend in MW-5 and we would expect MW-2 to have substantially higher sodium + potassium and chloride ratios as compared to MW-1 and MW-6 due to its proximal location immediately downgradient of the release.

The lithology and water chemistry indicators documented in the groundwater monitoring from Site inception indicate that the poor water quality is naturally occurring and are not related to the release.

8.0 Site Closure Request

Remediation activities were conducted in accordance with the NMOCD approved workplan and NMOCD regulatory guidelines. Laboratory analytical results from excavation confirmation soil samples indicated chloride concentrations were below the NMOCD regulatory guidelines in the submitted floor and sidewall sample locations, with the exception of the two (2) soil samples which underlie the liner. Soil with chloride concentrations above NMOCD regulatory guidelines, approximately 12,720 cubic yards, was transported to the R360 Red Bluff facility. The Site was returned to grade with locally sourced non-impacted backfill material as well as the clean overburden. Groundwater sampling results indicate the elevated chloride and TDS concentrations down and cross gradient from the Release Site represent native conditions of the Russler formation rather than impact from the Site. Based on laboratory analytical results and field activities conducted to date, TRC recommends COP provide copies of this Remediation Summary and Site Closure Request to the NMOCD and request closure status to the SRO 5 State 506 & 507 Release Site. Following approval of the closure request, the six (6) monitoring wells onsite will be properly plugged and abandoned, and the Site reclaimed in accordance with New Mexico State Land Office (NMSLO) requirements.

9.0 Limitation

TRC has prepared this Remediation Summary and Site Closure Request to the best of its ability. No other warranty, expressed or implied, is made or intended.

TRC has examined and relied upon documents referenced in the report and has relied on oral statements made by certain individuals. TRC has not conducted an independent examination of the facts contained in referenced materials and statements. We have presumed the genuineness of the documents and that the information provided in documents or statements is true and accurate. TRC has prepared this report, in a professional manner, using the degree of skill and care exercised by similar environmental consultants. TRC also notes that the facts and conditions referenced in this report may change over time and the conclusions and recommendations set forth herein are applicable only to the facts and conditions as described at the time of this report.

This report has been prepared for the benefit of ConocoPhillips, LLC. The information contained in this report, including all exhibits and attachments, may not be used by any other party without the express consent of TRC and/or ConocoPhillips, LLC.

Table 1

SRO 5 State 506/507 Confirmation Samples

Sample Name	Date	Soil Status	Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	m-Xylene & p-Xylene	o-Xylene	Total Xylenes (mg/kg)	Total BTEX (mg/kg)	Gasoline Range Organics (GRO) C6-C10 (mg/kg)	Diesel Range Organics (DRO) C11-C28 (mg/kg)	Oil Range Organics (ORO) (C29-C36) (mg/kg)	Total TPH (mg/kg)	Chloride (mg/kg)
NMOCD Guidelines			5	-	-			-	50	-	-	-	100	600
Floor Confirmation Samples														
FL-1 @ 16'	03/24/2023	In Situ	<0.00201	<0.00201	<0.00201	<0.00402	<0.00201	<0.00402	<0.00402	<49.8	<49.8	<49.8	<49.8	104
DUP-1 (FL-1 @ 16')	03/24/2023	In Situ	<0.00199	<0.00199	<0.00199	<0.00398	<0.00199	<0.00398	<0.00398	<50.0	<50.0	<50.0	<50.0	104
FL-2 @ 1'	04/03/2023	In Situ	<0.00198	<0.00198	<0.00198	<0.00396	<0.00198	<0.00396	<0.00396	<49.9	<49.9	<49.9	<49.9	141
Dup-4 (FL-2 @ 1')	04/03/2023	In Situ	<0.00199	<0.00199	<0.00199	<0.00398	<0.00199	<0.00398	<0.00398	<49.9	<49.9	<49.9	<49.9	179
FL-3 @ 16'	04/04/2023	In Situ	<0.00199	<0.00199	<0.00199	<0.00398	<0.00199	<0.00398	<0.00398	<49.9	<49.9	<49.9	<49.9	52.2
FL-4 @ 13'	04/04/2023	In Situ	<0.00198	<0.00198	<0.00198	<0.00397	<0.00198	<0.00397	<0.00397	<49.8	<49.8	<49.8	<49.8	42.2
FL-5 @ 13'	04/04/2023	In Situ	<0.00199	<0.00199	<0.00199	<0.00398	<0.00199	<0.00398	<0.00398	<49.9	<49.9	<49.9	<49.9	41.4
FL-6 @ 13'	04/04/2023	In Situ	<0.00200	<0.00200	<0.00200	<0.00399	<0.00200	<0.00399	<0.00399	<50.0	<50.0	<50.0	<50.0	118
FL-7 @ 10'	04/04/2023	In Situ	<0.00200	<0.00200	<0.00200	<0.00401	<0.00200	<0.00401	<0.00401	<50.0	<50.0	<50.0	<50.0	186
Dup-8 (FL-7 @ 10')	04/04/2023	In Situ	<0.00199	<0.00199	<0.00199	<0.00398	<0.00199	<0.00398	<0.00398	<50.0	<50.0	<50.0	<50.0	194
FL-8 @ 10'	04/04/2023	In Situ	<0.00199	<0.00199	<0.00199	<0.00398	<0.00199	<0.00398	<0.00398	<49.9	<49.9	<49.9	<49.9	176
FL-9 @ 7'	04/04/2023	In Situ	<0.00201	<0.00201	<0.00201	<0.00402	<0.00201	<0.00402	<0.00402	<50.0	<50.0	<50.0	<50.0	422
FL-10 @ 7'	04/04/2023	In Situ	<0.00198	<0.00198	<0.00198	<0.00396	<0.00198	<0.00396	<0.00396	<50.0	<50.0	<50.0	<50.0	402
FL-11 @ 7'	04/04/2023	In Situ	<0.00199	<0.00199	<0.00199	<0.00398	<0.00199	<0.00398	<0.00398	<49.9	<49.9	<49.9	<49.9	421
FL-12 @ 7'	04/04/2023	In Situ	<0.00201	<0.00201	<0.00201	<0.00402	<0.00201	<0.00402	<0.00402	<50.0	<50.0	<50.0	<50.0	432
FL-13 @ 7'	04/04/2023	In Situ	<0.00200	<0.00200	<0.00200	<0.00401	<0.00200	<0.00401	<0.00401	<49.9	<49.9	<49.9	<49.9	422
Dup-7 (FL-13 @ 7')	04/04/2023	In Situ	<0.00199	<0.00199	<0.00199	<0.00398	<0.00199	<0.00398	<0.00398	<49.9	<49.9	<49.9	<49.9	434
FL-14 @ 7'	04/04/2023	In Situ	<0.00199	<0.00199	<0.00199	<0.00398	<0.00199	<0.00398	<0.00398	<49.8	<49.8	<49.8	<49.8	391
FL-15 @ 7'	04/04/2023	In Situ	<0.00199	<0.00199	<0.00199	<0.00398	<0.00199	<0.00398	<0.00398	<49.9	<49.9	<49.9	<49.9	416
FL-16 @ 7'	04/04/2023	In Situ	<0.00198	<0.00198	<0.00198	<0.00396	<0.00198	<0.00396	<0.00396	<49.8	<49.8	<49.8	<49.8	409
FL-17 @ 7'	04/04/2023	In Situ	<0.00200	<0.00200	<0.00200	<0.00399	<0.00200	<0.00399	<0.00399	<49.9	<49.9	<49.9	<49.9	428
FL-18 @ 7'	04/04/2023	In Situ	<0.00201	<0.00201	<0.00201	<0.00402	<0.00201	<0.00402	<0.00402	<50.0	<50.0	<50.0	<50.0	387
FL-19 @ 6'	04/05/2023	Excavated	<0.00200	<0.00200	<0.00200	<0.00399	<0.00200	<0.00399	<0.00399	<50.0	<50.0	<50.0	<50.0	1,640
FL-19 @ 8'	04/17/2023	In Situ	<0.00200	<0.00200	<0.00200	<0.00399	<0.00200	<0.00399	<0.00399	<49.9	<49.9	<49.9	<49.9	209 F1
Dup-11 (FL-19 @ 8')	04/17/2023	In Situ	<0.00199	<0.00199	<0.00199	<0.00398	<0.00199	<0.00398	<0.00398	<49.9	<49.9	<49.9	<49.9	269
FL-20 @ 6'	04/05/2023	Excavated	<0.00200	<0.00200	<0.00200	<0.00401	<0.00200	<0.00401	<0.00401	<49.8	<49.8	<49.8	<49.8	701
FL-20 @ 7'	04/17/2023	In Situ	<0.00201	<0.00201	<0.00201	<0.00402	<0.00201	<0.00402	<0.00402	<49.9	<49.9	<49.9	<49.9	210

SRO 5 State 506/507 Confirmation Samples

Sample Name	Date	Soil Status	Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	m-Xylene & p-Xylene	o-Xylene	Total Xylenes (mg/kg)	Total BTEX (mg/kg)	Gasoline Range Organics (GRO) C6- C10 (mg/kg)	Diesel Range Organics (DRO) C11-C28 (mg/kg)	Oil Range Organics (ORO) (C29-C36) (mg/kg)	Total TPH (mg/kg)	Chloride (mg/kg)
NMOCD Guidelines			5	-	-			-	50	-	-	-	100	600
FL-21 @ 6'	04/05/2023	Excavated	<0.00202	<0.00202	<0.00202	<0.00404	<0.00202	<0.00404	<0.00404	<49.9	<49.9	<49.9	<49.9	1,420
FL-21 @ 7'	04/17/2023	In Situ	<0.00200	<0.00200	<0.00200	<0.00401	<0.00200	<0.00401	<0.00401	<49.9	<49.9	<49.9	<49.9	244
FL-22 @ 6'	04/17/2023	In Situ	<0.00199	<0.00199	<0.00199	<0.00398	<0.00199	<0.00398	<0.00398	<50.0	<50.0	<50.0	<50.0	214
FL-23 @ 6'	04/17/2023	In Situ	<0.00198	<0.00198	<0.00198	<0.00396	<0.00198	<0.00396	<0.00396	<49.9	<49.9	<49.9	<49.9	214
FL-24 @ 6'	04/17/2023	In Situ	<0.00199	<0.00199	<0.00199	<0.00398	<0.00199	<0.00398	<0.00398	<49.8	<49.8	<49.8	<49.8	229
FL-25 @ 6'	04/17/2023	In Situ	<0.00200	<0.00200	<0.00200	<0.00399	<0.00200	<0.00399	<0.00399	<49.9	<49.9	<49.9	<49.9	232
FL-26 @ 6'	04/17/2023	In Situ	<0.00201	<0.00201	<0.00201	<0.00402	<0.00201	<0.00402	<0.00402	<49.8	<49.8	<49.8	<49.8	212
FL-27 @ 6'	04/17/2023	In Situ	<0.00200	<0.00200	<0.00200	<0.00401	<0.00200	<0.00401	<0.00401	<50.0	<50.0	<50.0	<50.0	237
FL-28 @ 6'	04/17/2023	In Situ	<0.00198	<0.00198	<0.00198	<0.00396	<0.00198	<0.00396	<0.00396	<50.0	<50.0	<50.0	<50.0	195
FL-29 @ 3'	04/17/2023	In Situ	<0.00200	<0.00200	<0.00200	<0.00399	<0.00200	<0.00399	<0.00399	<50.0	<50.0	<50.0	<50.0	228
FL-30 @ 3'	04/17/2023	In Situ	<0.00201	<0.00201	<0.00201	<0.00402	<0.00201	<0.00402	<0.00402	<49.9	<49.9	<49.9	<49.9	220 F1
FL-31 @ 3'	04/17/2023	In Situ	<0.00202	<0.00202	<0.00202	<0.00403	<0.00202	<0.00403	<0.00403	<49.8	<49.8	<49.8	<49.8	177
FL-32 @ 3'	04/17/2023	In Situ	<0.00199	<0.00199	<0.00199	<0.00398	<0.00199	<0.00398	<0.00398	<50.0	<50.0	<50.0	<50.0	248
FL-33 @ 3'	04/17/2023	In Situ	<0.00199	<0.00199	<0.00199	<0.00398	<0.00199	<0.00398	<0.00398	<49.8	<49.8	<49.8	<49.8	113
Dup-13 (FL-33 @ 3')	04/17/2023	In Situ	<0.00200	<0.00200	<0.00200	<0.00399	<0.00200	<0.00399	<0.00399	<49.9	<49.9	<49.9	<49.9	242
FL-34 @ 3'	04/17/2023	In Situ	<0.00199	<0.00199	<0.00199	<0.00398	<0.00199	<0.00398	<0.00398	<50.0	<50.0	<50.0	<50.0	187
FL-35 @ 10'	04/17/2023	In Situ	<0.00200	<0.00200	<0.00200	<0.00399	<0.00200	<0.00399	<0.00399	<50.0	<50.0	<50.0	<50.0	209
FL-36 @ 8'	04/17/2023	In Situ	<0.00201	<0.00201	<0.00201	<0.00402	<0.00201	<0.00402	<0.00402	<49.9	<49.9	<49.9	<49.9	226
FL-37 @ 8'	04/17/2023	In Situ	<0.00200	<0.00200	<0.00200	<0.00401	<0.00200	<0.00401	<0.00401	<50.0	<50.0	<50.0	<50.0	200
FL-38 @ 8'	04/17/2023	In Situ	<0.00199	<0.00199	<0.00199	<0.00398	<0.00199	<0.00398	<0.00398	<49.9	<49.9	<49.9	<49.9	364
FL-39 @ 4'	4/27/2023	In Situ - Under Liner	<0.00200	<0.00200	<0.00200	<0.00399	<0.00200	<0.00399	<0.00399	<49.9	<49.9	<49.9	<49.9	2,510
FL-40 @ 4'	4/27/2023	In Situ - Under Liner	<0.00199	<0.00199	<0.00199	<0.00398	<0.00199	<0.00398	<0.00398	<49.8	<49.8	<49.8	<49.8	1,890

SRO 5 State 506/507 Confirmation Samples

Sample Name	Date	Soil Status	Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	m-Xylene & p-Xylene	o-Xylene	Total Xylenes (mg/kg)	Total BTEX (mg/kg)	Gasoline Range Organics (GRO) C6-C10 (mg/kg)	Diesel Range Organics (DRO) C11-C28 (mg/kg)	Oil Range Organics (ORO) (C29-C36) (mg/kg)	Total TPH (mg/kg)	Chloride (mg/kg)
NMOCD Guidelines			5	-	-			-	50	-	-	-	100	600
Sidewall Confirmation Samples														
SW-1	03/23/2023	In Situ	<0.00200	<0.00200	<0.00200	<0.00399	<0.00200	<0.00399	<0.00399	<49.9	<49.9	<49.9	<49.9	442
SW-2	03/23/2023	In Situ	<0.00199	<0.00199	<0.00199	<0.00398	<0.00199	<0.00398	<0.00398	<49.8	<49.8	<49.8	<49.8	398
SW-3	03/24/2023	In Situ	<0.00202	<0.00202	<0.00202	<0.00404	<0.00202	<0.00404	<0.00404	<49.9	<49.9	<49.9	<49.9	123
SW-4	03/24/2023	In Situ	<0.00199	<0.00199	<0.00199	<0.00398	<0.00199	<0.00398	<0.00398	<49.8	<49.8	<49.8	<49.8	113
DUP-2 (SW-4)	03/24/2023	In Situ	<0.00200	<0.00200	<0.00200	<0.00399	<0.00200	<0.00399	<0.00399	<49.9	<49.9	<49.9	<49.9	91.8
SW-5	04/03/2023	In Situ	<0.00199	<0.00199	<0.00199	<0.00398	<0.00199	<0.00398	<0.00398	<49.9	<49.9	<49.9	<49.9	185
SW-6	04/03/2023	In Situ	<0.00200	<0.00200	<0.00200	<0.00399	<0.00200	<0.00399	<0.00399	<49.9	<49.9	<49.9	<49.9	44.9
SW-7	04/03/2023	In Situ	<0.00201	<0.00201	<0.00201	<0.00402	<0.00201	<0.00402	<0.00402	<49.8	<49.8	<49.8	<49.8	52.7
SW-8	04/03/2023	In Situ	<0.00200	<0.00200	<0.00200	<0.00401	<0.00200	<0.00401	<0.00401	<49.8	<49.8	<49.8	<49.8	66.9
Dup-5 (SW-8)	04/03/2023	In Situ	<0.00199	<0.00199	<0.00199	<0.00398	<0.00199	<0.00398	<0.00398	<49.8	<49.8	<49.8	<49.8	66.4
SW-9	04/04/2023	In Situ	<0.00200	<0.00200	<0.00200	<0.00401	<0.00200	<0.00401	<0.00401	<50.0	<50.0	<50.0	<50.0	171
SW-10	04/04/2023	In Situ	<0.00199	<0.00199	<0.00199	<0.00398	<0.00199	<0.00398	<0.00398	<49.8	<49.8	<49.8	<49.8	143
Dup-6 (SW-10)	04/04/2023	In Situ	<0.00200	<0.00200	<0.00200	<0.00401	<0.00200	<0.00401	<0.00401	<49.8	<49.8	<49.8	<49.8	130
SW-11	04/04/2023	In Situ	<0.00199	<0.00199	<0.00199	<0.00398	<0.00199	<0.00398	<0.00398	<49.9	<49.9	<49.9	<49.9	144
SW-12	04/05/2023	Excavated	<0.00198	<0.00198	<0.00198	<0.00396	<0.00198	<0.00396	<0.00396	<49.9	<49.9	<49.9	<49.9	669
SW-12A	04/13/2023	In Situ	<0.00200	<0.00200	<0.00200	<0.00401	<0.00200	<0.00401	<0.00401	<49.9	<49.9	<49.9	<49.9	124
SW-13	04/05/2023	In Situ	<0.00199	<0.00199	<0.00199	<0.00398	<0.00199	<0.00398	<0.00398	<50.0	<50.0	<50.0	<50.0	295
SW-14	04/11/2023	In Situ	<0.00199	<0.00199	<0.00199	<0.00398	<0.00199	<0.00398	<0.00398	<50.0	<50.0	<50.0	<50.0	588
SW-15	04/12/2023	In Situ	<0.00199	<0.00199	<0.00199	<0.00398	<0.00199	<0.00398	<0.00398	<50.0	<50.0	<50.0	<50.0	290
Dup-10 (SW-15)	04/12/2023	In Situ	<0.00202	<0.00202	<0.00202	<0.00404	<0.00202	<0.00404	<0.00404	<49.9	<49.9	<49.9	<49.9	287
SW-16	04/12/2023	In Situ	<0.00201	<0.00201	<0.00201	<0.00402	<0.00201	<0.00402	<0.00402	<50.0	<50.0	<50.0	<50.0	243
SW-17	04/17/2023	In Situ	<0.00202	<0.00202	<0.00202	<0.00403	<0.00202	<0.00403	<0.00403	<49.9	<49.9	<49.9	<49.9	250 F1
SW-18	04/17/2023	In Situ	<0.00199	<0.00199	<0.00199	<0.00398	<0.00199	<0.00398	<0.00398	<49.9	<49.9	<49.9	<49.9	216
SW-19	04/17/2023	In Situ	<0.00198	<0.00198	<0.00198	<0.00396	<0.00198	<0.00396	<0.00396	<49.9	<49.9	<49.9	<49.9	171
SW-20	04/17/2023	In Situ	<0.00200	<0.00200	<0.00200	<0.00399	<0.00200	<0.00399	<0.00399	<50.0	<50.0	<50.0	<50.0	229
Dup-12 (SW-20)	04/17/2023	In Situ	<0.00199	<0.00199	<0.00199	<0.00398	<0.00199	<0.00398	<0.00398	<49.8	<49.8	<49.8	<49.8	295
SW-21	04/17/2023	In Situ	<0.00201	<0.00201	<0.00201	<0.00402	<0.00201	<0.00402	<0.00402	<49.9	<49.9	<49.9	<49.9	190
SW-22	04/17/2023	In Situ	<0.00200	<0.00200	<0.00200	<0.00401	<0.00200	<0.00401	<0.00401	<49.8	<49.8	<49.8	<49.8	232

SRO 5 State 506/507 Confirmation Samples

Sample Name	Date	Soil Status	Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	m-Xylene & p-Xylene	o-Xylene	Total Xylenes (mg/kg)	Total BTEX (mg/kg)	Gasoline Range Organics (GRO) C6- C10 (mg/kg)	Diesel Range Organics (DRO) C11-C28 (mg/kg)	Oil Range Organics (ORO) (C29-C36) (mg/kg)	Total TPH (mg/kg)	Chloride (mg/kg)
NMOCD Guidelines			5	-	-			-	50	-	-	-	100	600
SW-23	04/17/2023	In Situ	<0.00199	<0.00199	<0.00199	<0.00398	<0.00199	<0.00398	<0.00398	<49.9	<49.9	<49.9	<49.9	196
SW-24	04/17/2023	In Situ	<0.00199	<0.00199	<0.00199	<0.00398	<0.00199	<0.00398	<0.00398	<50.0	<50.0	<50.0	<50.0	208
SW-25	04/17/2023	In Situ	<0.00199	<0.00199	<0.00199	<0.00398	<0.00199	<0.00398	<0.00398	<50.0	<50.0	<50.0	<50.0	183
SW-26	4/24/2023	In Situ	<0.00201	<0.00201	<0.00201	<0.00402	<0.00201	<0.00402	<0.00402	<50.0	<50.0	<50.0	<50.0	108
SW-27	4/24/2023	In Situ	<0.00200	<0.00200	<0.00200	<0.00401	<0.00200	<0.00401	<0.00401	<49.9	<49.9	<49.9	<49.9	238
SW-28	4/24/2023	In Situ	<0.00201	<0.00201	<0.00201	<0.00402	<0.00201	<0.00402	<0.00402	<50.0	<50.0	<50.0	<50.0	213
SW-29	4/26/2023	In Situ	<0.00201	<0.00201	<0.00201	<0.00402	<0.00201	<0.00402	<0.00402	<49.9	<49.9	<49.9	<49.9	165
SW-30	4/26/2023	In Situ	<0.00201	<0.00201	<0.00201	<0.00402	<0.00201	<0.00402	<0.00402	<49.9	<49.9	<49.9	<49.9	117
SW-31	4/27/2023	In Situ	<0.00199	<0.00199	<0.00199	<0.00398	<0.00199	<0.00398	<0.00398	<50.0	<50.0	<50.0	<50.0	144
SW-32	4/27/2023	In Situ	<0.00199	<0.00199	<0.00199	<0.00398	<0.00199	<0.00398	<0.00398	<49.8	<49.8	<49.8	<49.8	130
SW-33	4/27/2023	In Situ	<0.00198	<0.00198	<0.00198	<0.00397	<0.00198	<0.00397	<0.00397	<49.9	<49.9	<49.9	<49.9	146
Trench Confirmation Samples														
TT-1a @ 0-1'	03/23/2023	In Situ	<0.00199	<0.00199	<0.00199	<0.00398	<0.00199	<0.00398	<0.00398	<49.8	<49.8	<49.8	<49.8	7.61
TT-1a @ 2'	03/23/2023	In Situ	<0.00198	<0.00198	<0.00198	<0.00396	<0.00198	<0.00396	<0.00396	<50.0	<50.0	<50.0	<50.0	<5.00
TT-1b @ 0-1'	03/23/2023	Excavated	<0.00200	<0.00200	<0.00200	<0.00399	<0.00200	<0.00399	<0.00399	<49.8	<49.8	<49.8	<49.8	1,190
TT-1b @ 2'	03/23/2023	In Situ	<0.00201	<0.00201	<0.00201	<0.00402	<0.00201	<0.00402	<0.00402	<50.0	<50.0	<50.0	<50.0	448
TT-1c @ 0-1'	03/23/2023	In Situ	<0.00200	<0.00200	<0.00200	<0.00401	<0.00200	<0.00401	<0.00401	<49.9	<49.9	<49.9	<49.9	12.8
TT-1c @ 2'	03/23/2023	In Situ	<0.00199	<0.00199	<0.00199	<0.00398	<0.00199	<0.00398	<0.00398	<49.9	<49.9	<49.9	<49.9	86.3
TT-1d @ 0-1'	03/23/2023	In Situ	<0.00199	<0.00199	<0.00199	<0.00398	<0.00199	<0.00398	<0.00398	<50.0	<50.0	<50.0	<50.0	15.4
TT-1d @ 2'	03/23/2023	In Situ	<0.00200	<0.00200	<0.00200	<0.00401	<0.00200	<0.00401	<0.00401	<50.0	<50.0	<50.0	<50.0	6.32
TT-1e @ 0-1'	03/23/2023	In Situ	<0.00199	<0.00199	<0.00199	<0.00398	<0.00199	<0.00398	<0.00398	<50.0	<50.0	<50.0	<50.0	13.4
TT-1e @ 2'	03/23/2023	In Situ	<0.00200	<0.00200	<0.00200	<0.00399	<0.00200	<0.00399	<0.00399	<49.9	<49.9	<49.9	<49.9	12.9
Overburden Confirmation Samples														
OB-1	03/23/2023	Transported to Disposal	<0.00200	<0.00200	<0.00200	<0.00401	<0.00200	<0.00401	<0.00401	<49.9	<49.9	<49.9	<49.9	643
OB-2	03/23/2023	Transported to Disposal	<0.00199	<0.00199	<0.00199	<0.00398	<0.00199	<0.00398	<0.00398	<50.0	<50.0	<50.0	<50.0	813
OB-3	03/23/2023	Re-Used for Backfill	<0.00200	<0.00200	<0.00200	<0.00399	<0.00200	<0.00399	<0.00399	<49.8	<49.8	<49.8	<49.8	368
OB-4	03/23/2023	Transported to Disposal	<0.00200	<0.00200	<0.00200	<0.00399	<0.00200	<0.00399	<0.00399	<49.8	<49.8	<49.8	<49.8	833
OB-5	03/23/2023	Re-Used for Backfill	<0.00199	<0.00199	<0.00199	<0.00398	<0.00199	<0.00398	<0.00398	<49.9	<49.9	<49.9	<49.9	192
OB-6	03/23/2023	Re-Used for Backfill	<0.00201	<0.00201	<0.00201	<0.00402	<0.00201	<0.00402	<0.00402	<49.8	<49.8	<49.8	<49.8	489

SRO 5 State 506/507 Confirmation Samples

Sample Name	Date	Soil Status	Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	m-Xylene & p-Xylene	o-Xylene	Total Xylenes (mg/kg)	Total BTEX (mg/kg)	Gasoline Range Organics (GRO) C6- C10 (mg/kg)	Diesel Range Organics (DRO) C11-C28 (mg/kg)	Oil Range Organics (ORO) (C29-C36) (mg/kg)	Total TPH (mg/kg)	Chloride (mg/kg)
NMOCD Guidelines			5	-	-			-	50	-	-	-	100	600
OB-7	03/23/2023	Re-Used for Backfill	<0.00200	<0.00200	<0.00200	<0.00401	<0.00200	<0.00401	<0.00401	<49.8	<49.8	<49.8	<49.8	250
OB-8	03/23/2023	Re-Used for Backfill	<0.00199	<0.00199	<0.00199	<0.00398	<0.00199	<0.00398	<0.00398	<50.0	<50.0	<50.0	<50.0	333
OB-9	03/23/2023	Re-Used for Backfill	<0.00199	<0.00199	<0.00199	<0.00398	<0.00199	<0.00398	<0.00398	<49.9	<49.9	<49.9	<49.9	525
OB-10	03/23/2023	Re-Used for Backfill	<0.00200	<0.00200	<0.00200	<0.00399	<0.00200	<0.00399	<0.00399	<50.0	<50.0	<50.0	<50.0	304
OB-11	03/23/2023	Transported to Disposal	<0.00201	<0.00201	<0.00201	<0.00402	<0.00201	<0.00402	<0.00402	<50.0	<50.0	<50.0	<50.0	775
OB-12	03/23/2023	Re-Used for Backfill	<0.00200	<0.00200	<0.00200	<0.00401	<0.00200	<0.00401	<0.00401	<49.8	<49.8	<49.8	<49.8	486
OB-13	03/23/2023	Re-Used for Backfill	<0.00199	<0.00199	<0.00199	<0.00398	<0.00199	<0.00398	<0.00398	<49.9	<49.9	<49.9	<49.9	510
OB-14	03/28/2023	Transported to Disposal	<0.00202	<0.00202	<0.00202	<0.00404	<0.00202	<0.00404	<0.00404	<49.9	<49.9	<49.9	<49.9	854
Dup-3 (OB-14)	03/28/2023	Transported to Disposal	<0.00200	<0.00200	<0.00200	<0.00399	<0.00200	<0.00399	<0.00399	<50.0	<50.0	<50.0	<50.0	842
OB-15	03/28/2023	Transported to Disposal	<0.00198	<0.00198	<0.00198	<0.00396	<0.00198	<0.00396	<0.00396	<50.0	<50.0	<50.0	<50.0	864
OB-16	03/28/2023	Transported to Disposal	<0.00199	<0.00199	<0.00199	<0.00398	<0.00199	<0.00398	<0.00398	<49.9	<49.9	<49.9	<49.9	904
OB-17	03/28/2023	Transported to Disposal	<0.00199	<0.00199	<0.00199	<0.00398	<0.00199	<0.00398	<0.00398	<49.9	<49.9	<49.9	<49.9	875
OB-18	03/30/2023	Transported to Disposal	<0.00198	<0.00198	<0.00198	<0.00396	0.00845	0.00845	0.00845	<49.9	<49.9	<49.9	<49.9	632
OB-19	03/30/2023	Re-Used for Backfill	<0.00199	<0.00199	<0.00199	<0.00398	<0.00199	<0.00398	<0.00398	<49.9	<49.9	<49.9	<49.9	595
OB-20	03/30/2023	Re-Used for Backfill	<0.00200	<0.00200	<0.00200	<0.00399	<0.00200	<0.00399	<0.00399	<50.0	<50.0	<50.0	<50.0	585 F1
OB-21	04/03/2023	Re-Used for Backfill	<0.00198	<0.00198	<0.00198	<0.00396	<0.00198	<0.00396	<0.00396	<50.0	<50.0	<50.0	<50.0	496
OB-22	04/03/2023	Re-Used for Backfill	<0.00199	<0.00199	<0.00199	<0.00398	<0.00199	<0.00398	<0.00398	<50.0	<50.0	<50.0	<50.0	305
OB-23	04/03/2023	Re-Used for Backfill	<0.00199	<0.00199	<0.00199	<0.00398	<0.00199	<0.00398	<0.00398	<49.9	<49.9	<49.9	<49.9	327
OB-24	04/03/2023	Re-Used for Backfill	<0.00200	<0.00200	<0.00200	<0.00399	<0.00200	<0.00399	<0.00399	<49.9	<49.9	<49.9	<49.9	369
OB-25	04/03/2023	Re-Used for Backfill	<0.00201	<0.00201	<0.00201	<0.00402	<0.00201	<0.00402	<0.00402	<50.0	<50.0	<50.0	<50.0	451
OB-26	04/03/2023	Re-Used for Backfill	<0.00200	<0.00200	<0.00200	<0.00401	<0.00200	<0.00401	<0.00401	<49.8	<49.8	<49.8	<49.8	309
OB-27	04/06/2023	Re-Used for Backfill	<0.00199	<0.00199	<0.00199	<0.00398	<0.00199	<0.00398	<0.00398	<50.0	<50.0	<50.0	<50.0	271
OB-28	04/06/2023	Re-Used for Backfill	<0.00199	<0.00199	<0.00199	<0.00398	<0.00199	<0.00398	<0.00398	<50.0	<50.0	<50.0	<50.0	360
OB-29	04/06/2023	Re-Used for Backfill	<0.00200	<0.00200	<0.00200	<0.00399	<0.00200	<0.00399	<0.00399	<49.9	<49.9	<49.9	<49.9	269
OB-30	04/06/2023	Re-Used for Backfill	<0.00201	<0.00201	<0.00201	<0.00402	<0.00201	<0.00402	<0.00402	<49.9	<49.9	<49.9	<49.9	178
OB-31	04/06/2023	Re-Used for Backfill	<0.00200	<0.00200	<0.00200	<0.00401	<0.00200	<0.00401	<0.00401	<50.0	<50.0	<50.0	<50.0	410
OB-32	04/06/2023	Re-Used for Backfill	<0.00202	<0.00202	<0.00202	<0.00404	<0.00202	<0.00404	<0.00404	<49.8	<49.8	<49.8	<49.8	245
OB-33	04/06/2023	Re-Used for Backfill	<0.00201	<0.00201	<0.00201	<0.00402	<0.00201	<0.00402	<0.00402	<50.0	<50.0	<50.0	<50.0	331
OB-34	04/06/2023	Re-Used for Backfill	<0.00201	<0.00201	<0.00201	<0.00402	<0.00201	<0.00402	<0.00402	<49.9	<49.9	<49.9	<49.9	266

SRO 5 State 506/507 Confirmation Samples

Sample Name	Date	Soil Status	Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	m-Xylene & p-Xylene	o-Xylene	Total Xylenes (mg/kg)	Total BTEX (mg/kg)	Gasoline Range Organics (GRO) C6- C10 (mg/kg)	Diesel Range Organics (DRO) C11-C28 (mg/kg)	Oil Range Organics (ORO) (C29-C36) (mg/kg)	Total TPH (mg/kg)	Chloride (mg/kg)
NMOCD Guidelines			5	-	-			-	50	-	-	-	100	600
OB-35	04/06/2023	Re-Used for Backfill	<0.00199	<0.00199	<0.00199	<0.00398	<0.00199	<0.00398	<0.00398	<49.8	<49.8	<49.8	<49.8	199
OB-36	04/06/2023	Re-Used for Backfill	<0.00198	<0.00198	<0.00198	<0.00396	<0.00198	<0.00396	<0.00396	<49.9	<49.9	<49.9	<49.9	261
OB-37	04/06/2023	Re-Used for Backfill	<0.00199	<0.00199	<0.00199	<0.00398	<0.00199	<0.00398	<0.00398	<49.9	<49.9	<49.9	<49.9	224
OB-38	04/06/2023	Re-Used for Backfill	<0.00200	<0.00200	<0.00200	<0.00400	<0.00200	<0.00400	<0.00400	<50.0	<50.0	<50.0	<50.0	206
OB-39	04/06/2023	Re-Used for Backfill	<0.00202	<0.00202	<0.00202	<0.00404	<0.00202	<0.00404	<0.00404	<50.0	<50.0	<50.0	<50.0	167
OB-40	04/11/2023	Re-Used for Backfill	<0.00200	<0.00200	<0.00200	<0.00401	<0.00200	<0.00401	<0.00401	<50.0	<50.0	<50.0	<50.0	430
DUP-9 (OB-40)	04/11/2023	Re-Used for Backfill	<0.00198	<0.00198	<0.00198	<0.00396	<0.00198	<0.00396	<0.00396	<50.0	<50.0	<50.0	<50.0	440
OB-41	04/11/2023	Re-Used for Backfill	<0.00199	<0.00199	<0.00199	<0.00398	<0.00199	<0.00398	<0.00398	<49.9	<49.9	<49.9	<49.9	347
OB-42	04/11/2023	Re-Used for Backfill	<0.00200	<0.00200	<0.00200	<0.00399	<0.00200	<0.00399	<0.00399	<49.8	<49.8	<49.8	<49.8	313
OB-43	4/24/2023	Re-Used for Backfill	<0.00199	<0.00199	<0.00199	<0.00398	<0.00199	<0.00398	<0.00398	<49.9	<49.9	<49.9	<49.9	212
OB-44	4/24/2023	Re-Used for Backfill	<0.00198	<0.00198	<0.00198	<0.00396	<0.00198	<0.00396	<0.00396	<49.8	<49.8	<49.8	<49.8	222
OB-45	4/25/2023	Re-Used for Backfill	<0.00199	<0.00199	<0.00199	<0.00398	<0.00199	<0.00398	<0.00398	<50.0	<50.0	<50.0	<50.0	191
OB-46	4/25/2023	Re-Used for Backfill	<0.00199	<0.00199	<0.00199	<0.00398	<0.00199	<0.00398	<0.00398	<49.8	<49.8	<49.8	<49.8	254

Soil Sample Exhibits COC Concentrations above NMOCD Guidelines

Soil Status Options - Sidewalls and Floors:

In Situ - COCs all below NMOCD guidelines

Excavated - COCs above NMOCD guidelines

Soil Status Options - Overburden:

Re-used for backfill material - COCs all below NMOCD guidelines

Transported to Disposal - COCs above NMOCD guidelines

Table 2
SRO 5 State 506/507 Groundwater Sample Results

Monitoring Well ID	Date	Dissolved Metals					Alkalinity					Hardness as calcium carbonate	pH	Temperature	Anions					Anion/ Cation Balance	Total Dissolved Solids
		Sodium	Potassium	SiO2	Calcium	Magnesium	Alkalinity	Bicarbonate Alkalinity as CaCO3	Carbonate Alkalinity as CaCO3	Hydroxide Alkalinity	Phenol-phthalein Alkalinity				Chloride	Nitrate as N	Fluoride	Nitrite as N	Sulfate		
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	SU	Degrees C	mg/L	mg/L	mg/L	mg/L	mg/L	%	mg/L
NMED Action Level - Human Health and Domestic Water Supply Standards															250	1	1.6		600		1,000
MW-1	6/3/2021	2,060	38.9	165	1,600	692	219	219	<4.00	<4.00	<4.00	6,840	7.5	21.1	3,660	0.157	0.799	-	3,640	9.23	9,540
MW-1	6/16/2021	1,690	31.3	19.0	664	464	233	233	<4.00	<4.00	<4.00	3,570	7.2	18.0	2,660	0.138	0.663	<0.100	3,570	-3.02	8,710
MW-1	6/24/2021	1,700	29.4	18.1	672	480	241	241	<4.00	<4.00	<4.00	3,650	7.5	20.9	2,600	0.131	0.866	<0.100	3,450	-0.975	8,380
MW-1*	03/30/2023	1,280	27.7	19	625	412	235	235	<4.00	<4.00	<4.00	3,260	7.1	18.7	1,070	<1.00	<5.00	<1.00	3,620	4.56	6,420
MW-1	06/19/2023	1,870	31.4	21.4	730	515	285	285	<4.00	<4.00	<4.00	3,940	7.2	19.7	2,470	<0.100	<0.500	<0.100	3,630	2.97	11,300
MW-1	9/13/2023	1,070	17.2	32.7	645	361	285	285	<4.00	<4.00	<4.00	4,440	7.0	18.2	2,570	0.102	1.18	<0.100	3,730	7.77	10,600
MW-1	12/12/2023	1,890	26.3	18.2	725	487	252	252	<4.00	<4.00	<4.00	3,820	7.5	21.6	1,980	0.115	<0.500	<0.100	3,030	12.2	9,880
DUP-01 (MW-1)	12/12/2023	1,920	25.8	17.7	735	496	253	253	<4.0	<4.0	<4.0	3,880	7.2	20.8	2,000	0.147	1.20	<1.100	3,090	12.2	9,220
MW-2	6/3/2021	1,350	16.4	28.6	584	396	258	258	<4.00	<4.00	<4.00	3,090	7.3	21.2	1,790	1.01	1.08	-	3,340	-2.18	7,270
MW-2	6/16/2021	1,410	19.1	31.0	603	417	272	272	<4.00	<4.00	<4.00	3,220	7.2	18.1	1,770	1.06	0.842	<0.100	3,680	-2.66	7,370
MW-2	6/24/2021	1,400	18.3	29.1	607	428	280	280	<4.00	<4.00	<4.00	3,280	7.7	20.9	1,790	0.973	0.958	<0.100	3,670	-2.58	7,310
MW-2*	03/30/2023	895	17.1	29.7	580	322	222	222	<4.00	<4.00	<4.00	2,770	7.2	19.0	1,040	0.914	0.609	<0.100	2,980	-1.09	6,340
DUP-01 (MW-2)	03/30/2023	795	16.2	28.7	560	309	225	225	<4.00	<4.00	<4.00	2,670	7.2	18.8	1,120	0.96	0.509	<0.100	4,140	-16.5	6,560
MW-2	06/19/2023	975	15.6	27.4	560	318	237	237	<4.00	<4.00	<4.00	2,710	7.3	19.9	1,010	1.25	0.587	0.190	2,900	1.2	6,230
DUP-01 (MW-2)	06/19/2023	960	15.6	27.4	555	314	240	240	<4.00	<4.00	<4.00	2,680	7.2	20.6	945	1.26	0.563	<0.100	2,710	3.68	6,660
MW-2	9/13/2023	1,200	19.4	24.6	795	595	239	239	<4.00	<4.00	<4.00	3,490	7.1	18.2	1,050	0.922	<0.500	<0.100	3,010	11.0	5,610
DUP-01 (MW-2)	9/13/2023	1,070	17.2	32.7	645	361	232	232	<4.00	<4.00	<4.00	3,100	7.1	17.5	1,030	1.03	<0.500	<0.100	2,970	5.89	6,070
MW-2	12/12/2023	1,060	14.2	27	695	337	229	229	<4.00	<4.00	<4.00	3,120	7.4	21.4	1,030	0.851	0.744	<0.100	2,770	8.24	6,070
MW-3	6/3/2021	164	13.5	26.6	621	79.4	177	177	<4.00	<4.00	<4.00	1,880	7.6	21.0	164	0.882	<0.500	-	1,830	-2.39	2,910
MW-3	6/16/2021	240	13.9	29.1	634	102	176	176	<4.00	<4.00	<4.00	2,000	7.4	18.0	207	0.796	<0.500	<0.100	2,020	-1.56	3,690
MW-3	6/24/2021	215	13.2	27.5	630	105	173	173	<4.00	<4.00	<4.00	2,010	7.8	21.0	198	0.742	<0.500	<0.100	1,920	-0.217	2,800
MW-3*	03/30/2023	181	13.3	27.2	595	96.5	155	155	<4.00	<4.00	<4.00	1,880	7.3	18.8	217	0.598	<0.500	<0.100	1,960	-5.30	2,710
MW-3	06/19/2023	231	13.6	27.2	635	106	172	172	<4.00	<4.00	<4.00	2,020	7.3	20.3	233	0.834	<0.500	<0.100	1,680	5.02	3,390
MW-3	9/13/2023	264	15.6	30.00	740	128	173	173	<4.00	<4.00	<4.00	2,370	7.2	17.9	224	0.89	<0.500	<0.100	1,830	9.61	3,120
MW-3	12/12/2023	228	11.3	24.30	685	104	173	173	<4.00	<4.00	<4.00	3,120	7.5	21.4	228	0.994	<0.500	<0.100	1,850	5.52	3,140
MW-4	9/13/2023	298	15.2	29.1	685	128	169	169	<4.00	<4.00	<4.00	2,240	7.3	17.6	228	0.937	<0.500	<0.100	1,880	7.48	3,440
MW-4	12/12/2023	245	13.7	24.9	705	114	168	168	<4.00	<4.00	<4.00	2,230	7.5	21.4	214	0.994	<0.500	<0.100	1,850	6.43	3,150
MW-5	9/13/2023	455	17.1	27.4	690	160	184	184	<4.00	<4.00	<4.00	2,380	7.3	17.6	499	1.37	<0.500	<0.100	1,990	5.96	3,470
MW-5	12/12/2023	477	13.7	25.3	765	155	182	182	<4.00	<4.00	<4.00	2,550	7.7	21.4	504	1.36	0.543	<1.100	1,940	9.77	4,040
MW-6	9/13/2023	3,200	36.5	19.3	835	855	216	216	<4.00	<4.00	<4.00	5,610	7.3	17.7	4,220	0.244	1.37	<0.100	3,990	9.8	14,200
MW-6	12/12/2023	2,180	17.6	19.2	645	540	232	232	<4.00	<4.00	<4.00	3,830	7.5	21.5	2,000	0.649	2.04	<0.100	3,540	11.8	9,730

Groundwater Sample Exhibits COC Concentrations above New Mexico Water Quality Control Commission (WQCC) Standards

SiO2 = Silicon dioxide

CaCO3 = Calcium carbonate

N = Nitrogen

mg/L = miligrams per liter

SU = Standard Units

Degrees C = Degree Celsius

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

HF = Field parameter with a holding time of 15 minutes. Test performed by laboratory at client's request.

* - start quarterly monitoring following workplan approval

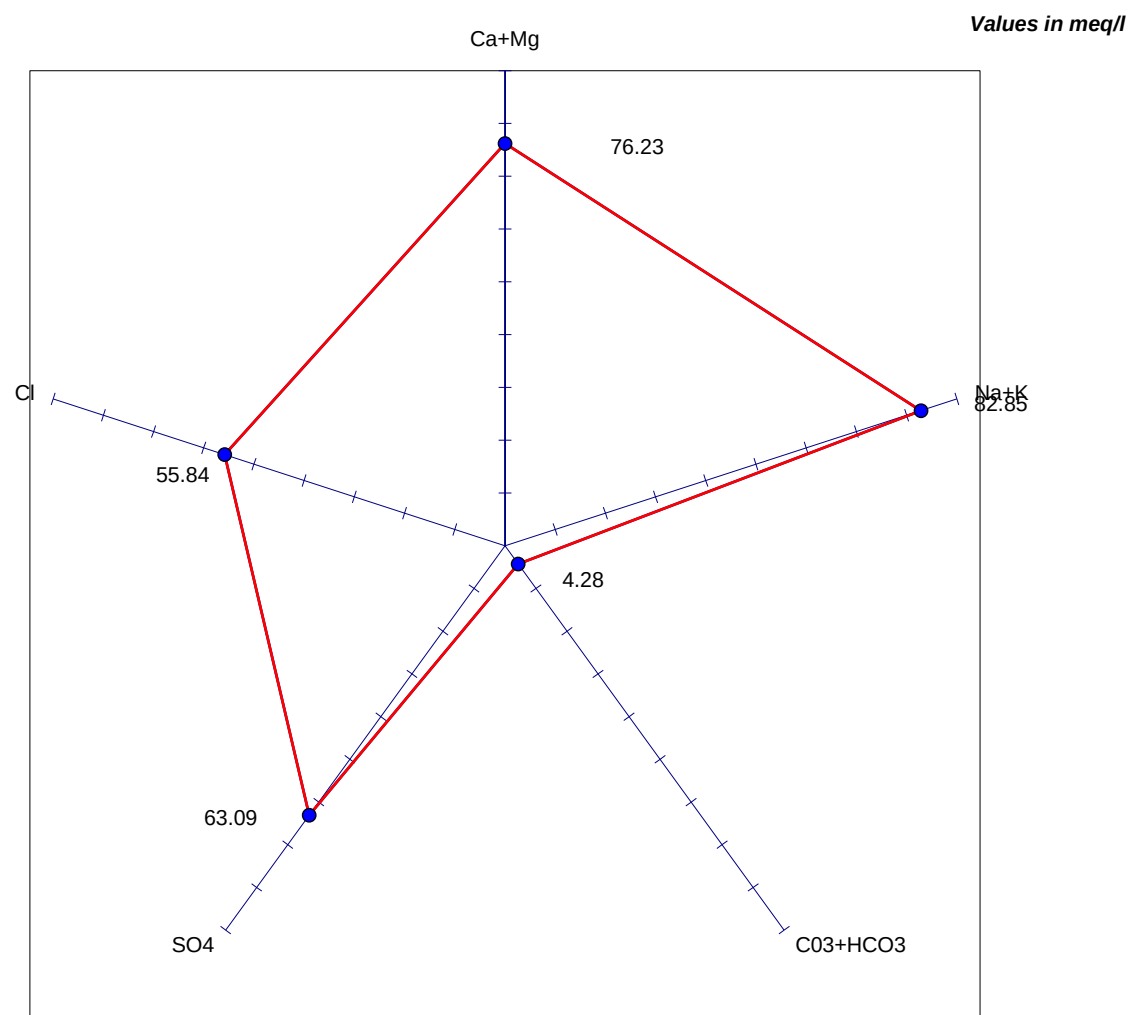
Table 3
Groundwater Elevation Data

Well	Date	Northing	Easting	Elevation (TOC)	Gauging Data (ft. TOC)	Calculated Elevation (ft. above sea level)
MW-1	6/10/2021	394128.918	613341.948	2969.56	34.80	2934.76
MW-1	6/17/2021	394128.918	613341.948	2969.56	35.07	2934.49
MW-1	6/24/2021	394128.918	613341.948	2969.56	35.10	2934.46
MW-1	3/30/2023	394128.918	613341.948	2969.56	35.50	2934.06
MW-1	6/19/2023	394128.918	613341.948	2969.56	36.11	2933.45
MW-1	9/13/2023	394128.918	613341.948	2969.56	36.29	2933.27
MW-1	11/8/2023	394128.918	613341.948	2969.56	36.33	2933.23
MW-1	12/12/2023	394128.918	613341.948	2969.56	36.57	2932.99
MW-2	6/10/2021	394457.091	613490.942	2965.47	29.33	2936.14
MW-2	6/17/2021	394457.091	613490.942	2965.47	29.36	2936.11
MW-2	6/24/2021	394457.091	613490.942	2965.47	29.44	2936.03
MW-2	3/30/2023	394457.091	613490.942	2965.47	30.2	2935.27
MW-2	6/19/2023	394457.091	613490.942	2965.47	30.48	2934.99
MW-2	9/13/2023	394457.091	613490.942	2965.47	30.92	2934.55
MW-2	11/8/2023	394457.091	613490.942	2965.47	31.15	2934.32
MW-2	12/12/2023	394457.091	613490.942	2965.47	31.25	2934.22
MW-3	6/10/2021	395180.446	613272.666	2963.35	26.82	2936.53
MW-3	6/17/2021	395180.446	613272.666	2963.35	27.03	2936.32
MW-3	6/24/2021	395180.446	613272.666	2963.35	27.10	2936.25
MW-3	3/30/2023	395180.446	613272.666	2963.35	27.93	2935.42
MW-3	6/19/2023	395180.446	613272.666	2963.35	28.18	2935.17
MW-3	9/13/2023	395180.446	613272.666	2963.35	28.60	2934.75
MW-3	11/8/2023	395180.446	613272.666	2963.35	28.83	2934.52
MW-3	12/13/2023	395180.446	613272.666	2963.35	29.00	2934.35
MW-4	9/13/2023	395058.04	612992.974	2965.16	30.11	2935.05
MW-4	11/8/2023	395058.04	612992.974	2965.16	30.33	2934.83
MW-4	12/12/2023	395058.04	612992.974	2965.16	30.47	2934.69
MW-5	9/13/2023	394541.498	612957.791	2965.81	30.84	2934.97
MW-5	11/8/2023	394541.498	612957.791	2965.81	31.08	2934.73
MW-5	12/12/2023	394541.498	612957.791	2965.81	31.25	2934.56
MW-6	9/13/2023	394326.983	613843.819	2967.90	37.32	2930.58
MW-6	11/8/2023	394326.983	613843.819	2967.90	34.61	2933.29
MW-6	12/12/2023	394326.983	613843.819	2967.90	34.66	2933.24

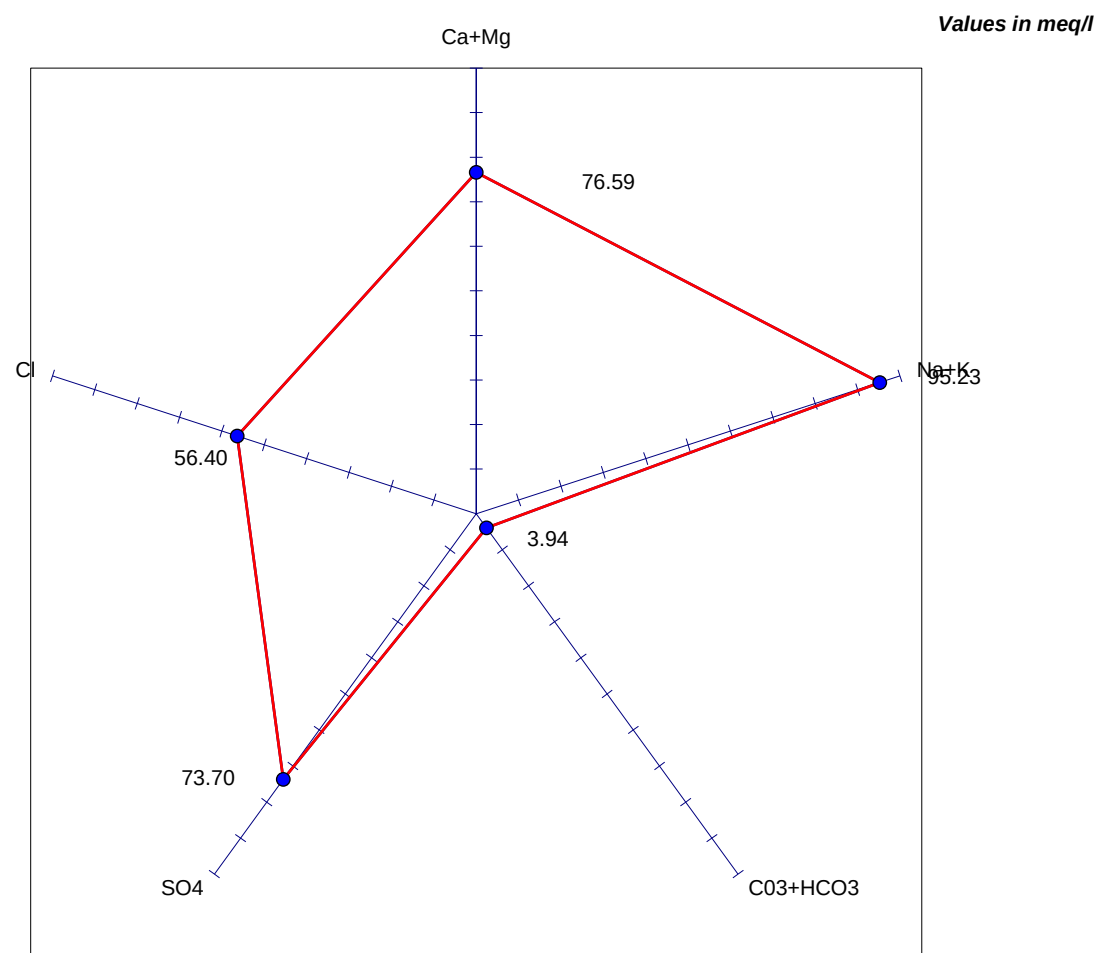
Measurements in US Survey Feet

Measured same day as development - likely not at equilibrium

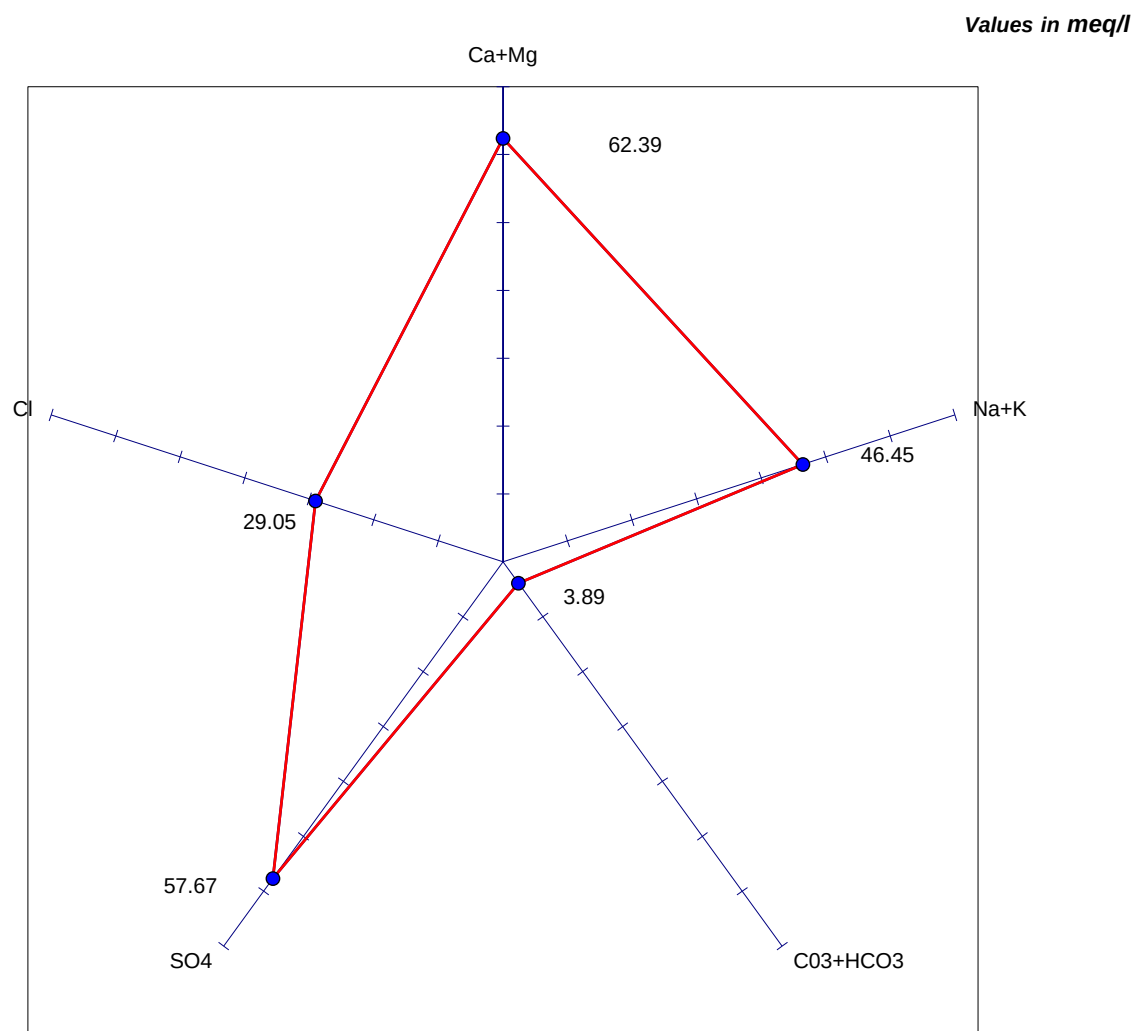
Stiff Diagram for MW-1 in 4Q2023



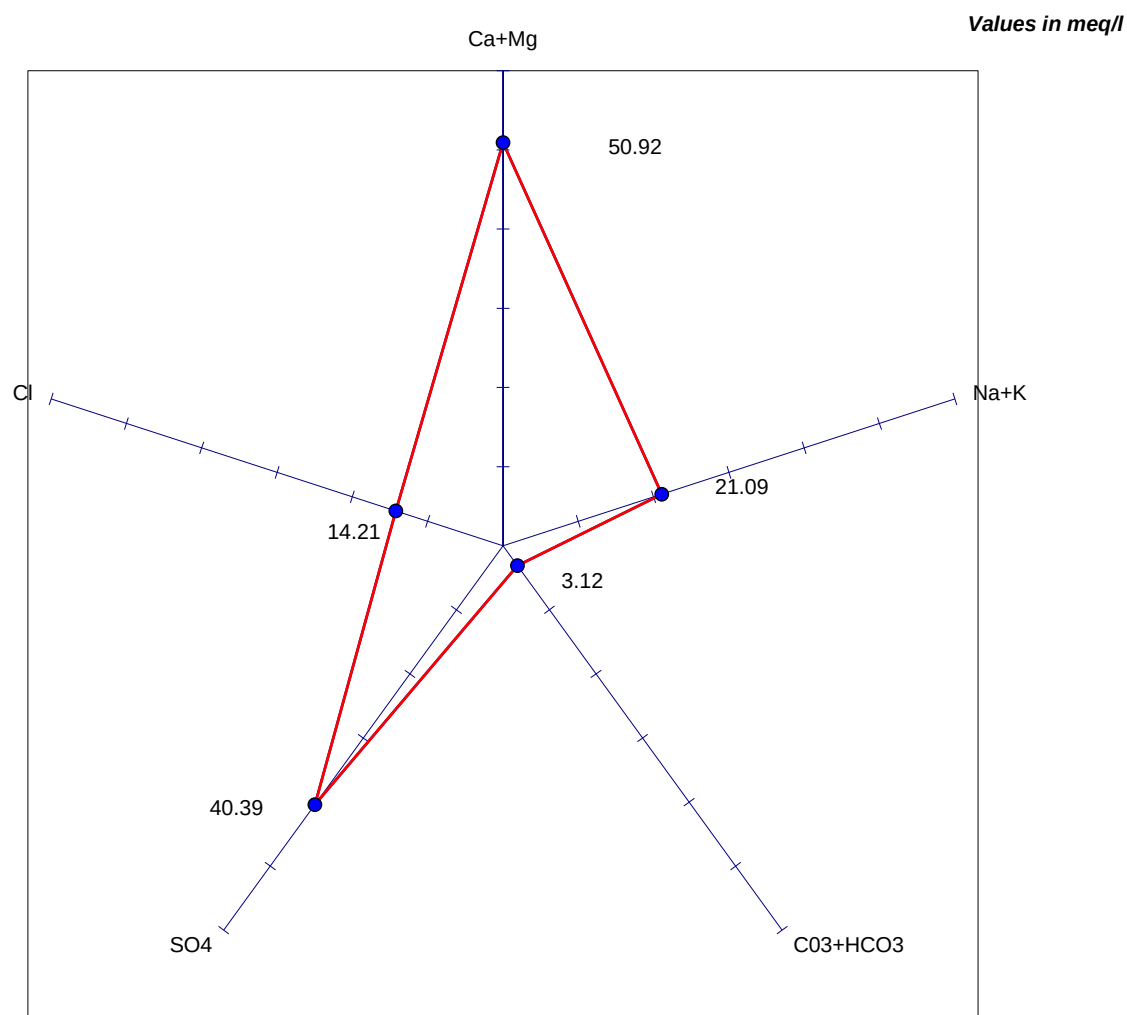
Stiff Diagram for MW-6 in 4Q2023



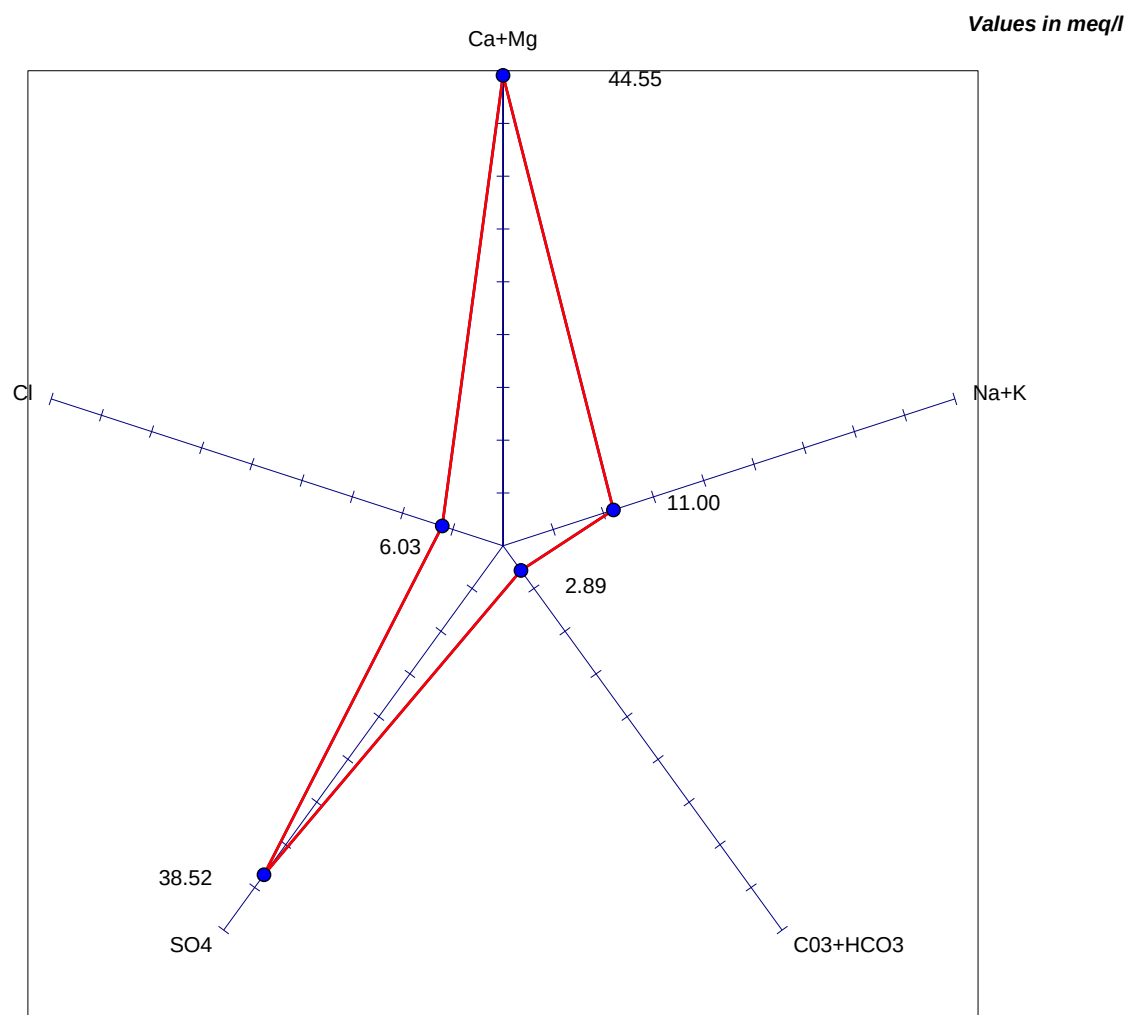
Stiff Diagram for MW-2 in 4Q2023



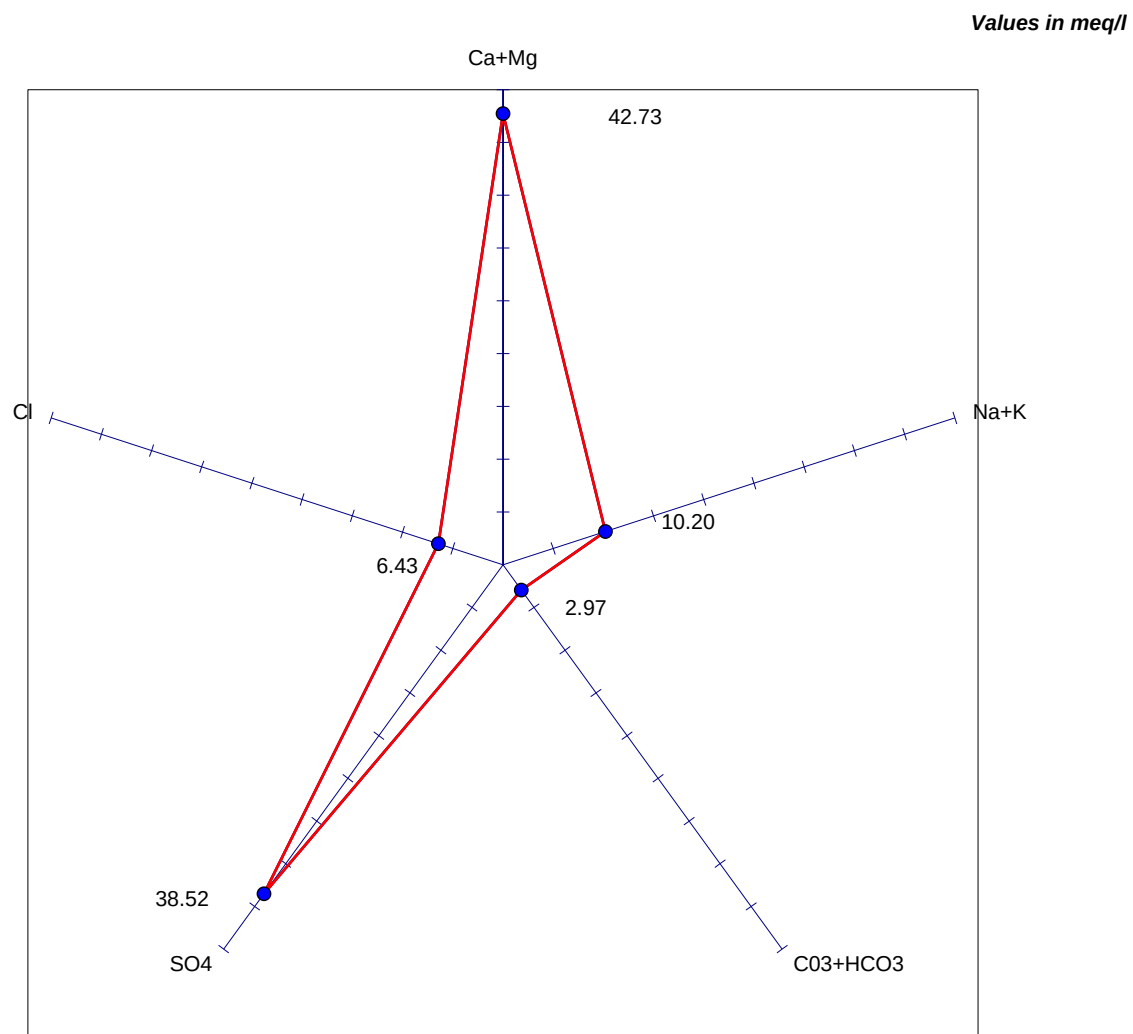
Stiff Diagram for MW-5 in 4Q2023



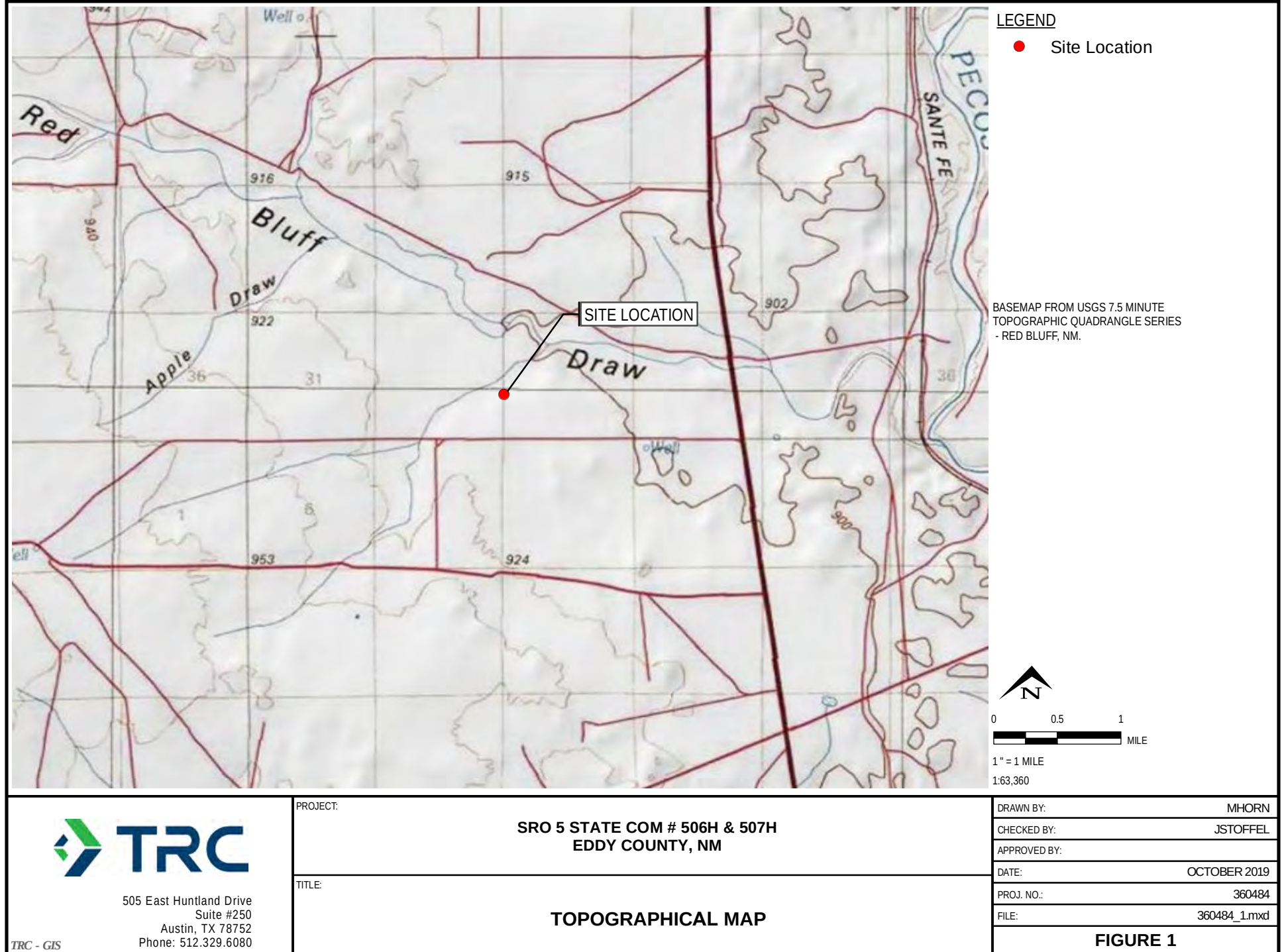
Stiff Diagram for MW-4 in 4Q2023



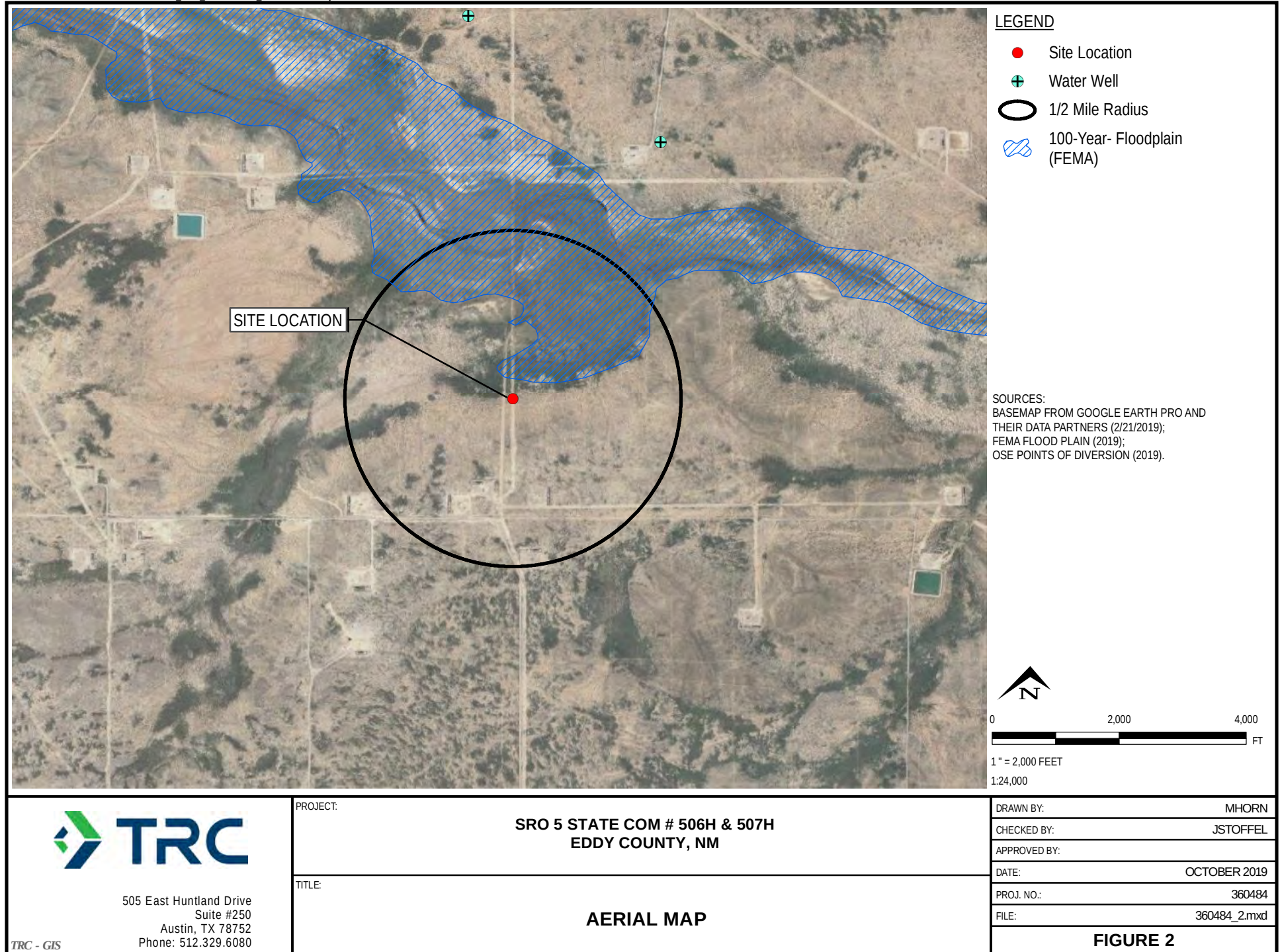
Stiff Diagram for MW-3 in 4Q2023



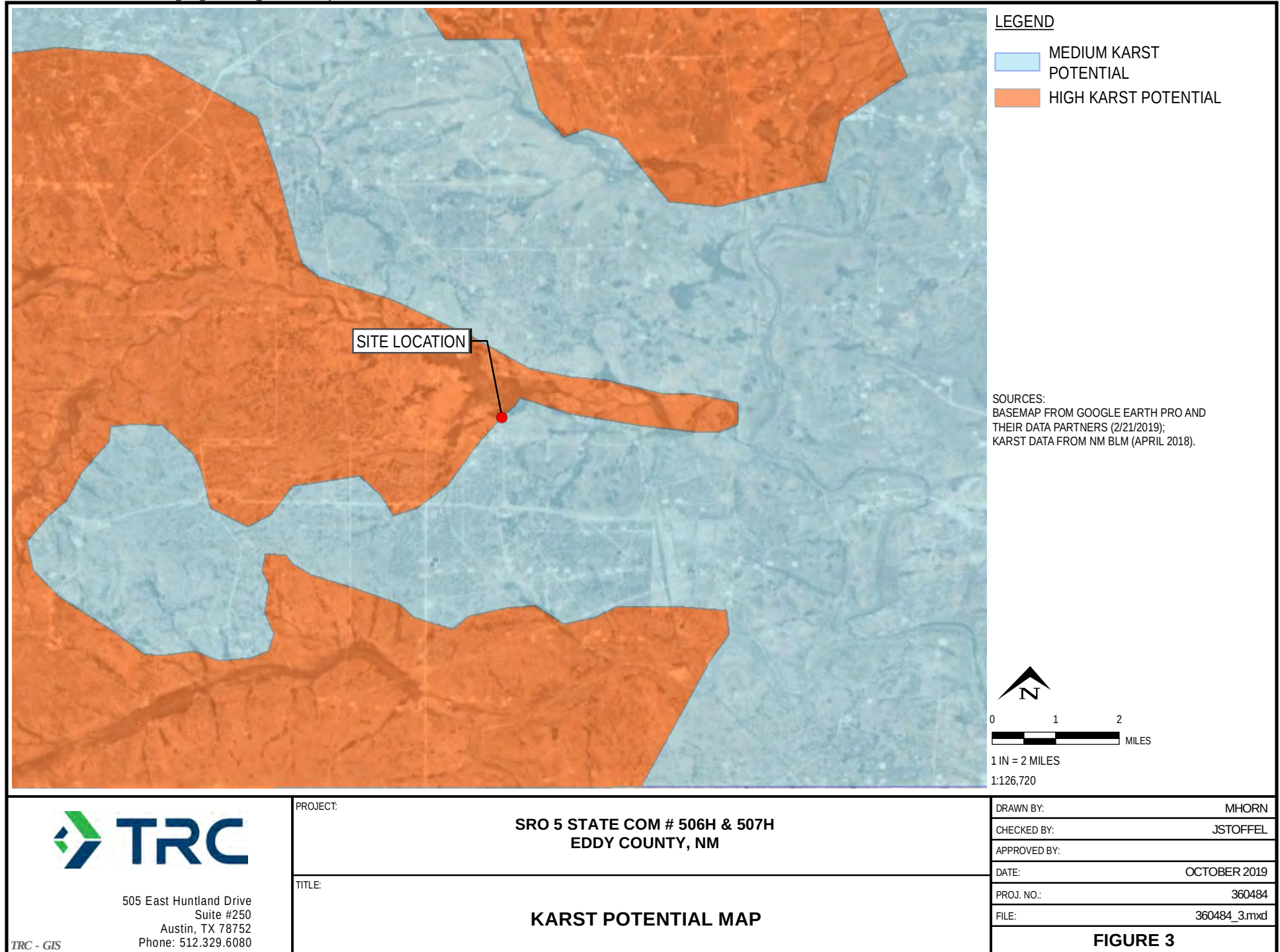
S:\1-PROJECTS\ConchoResources\360484 SRO State\360484 1.mxd -- Saved By: SRAY on 10/3/2019, 14:36:06 PM



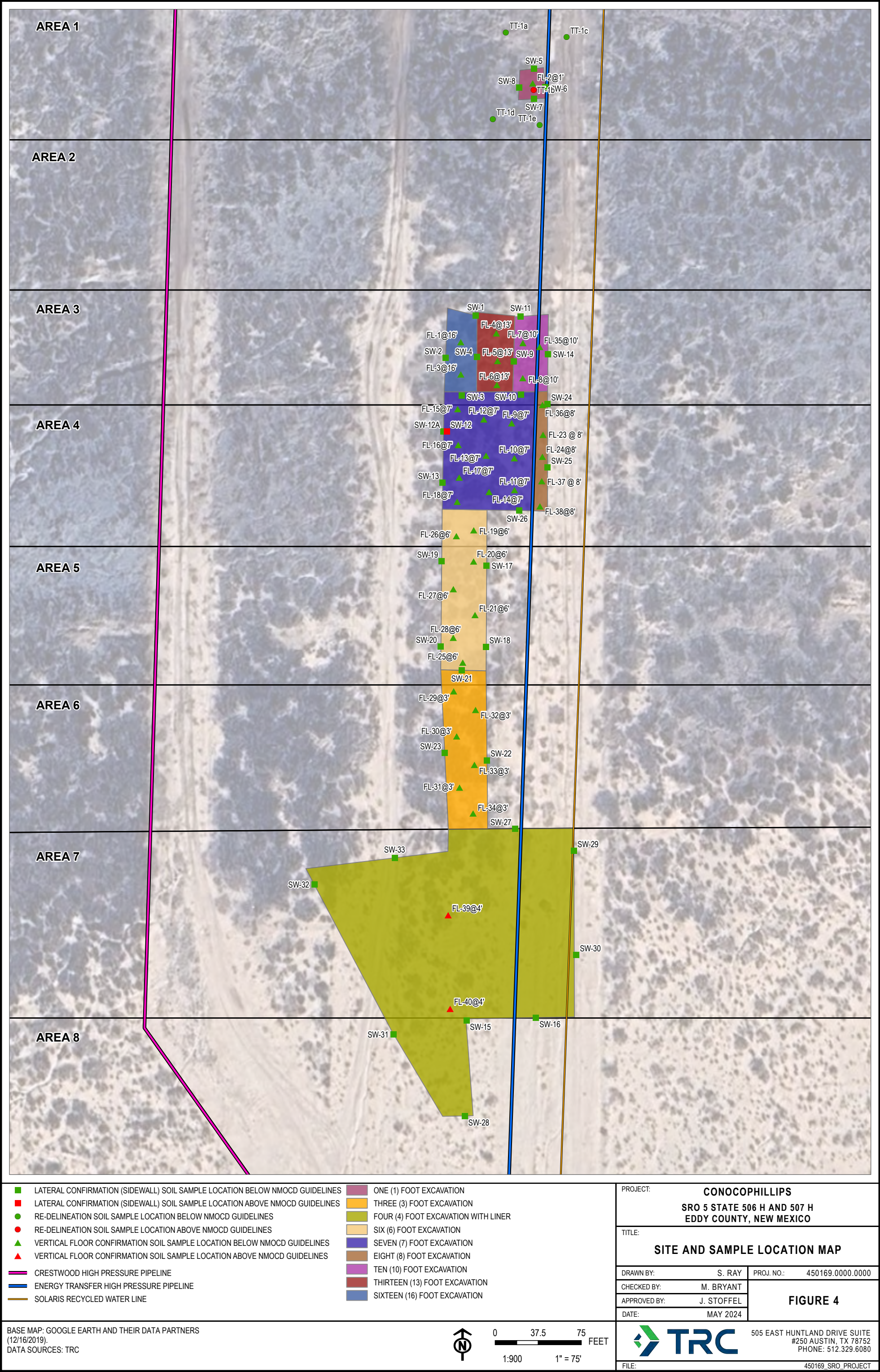
S:\1-PROJECTS\ConchoResources\360484 SRO State\360484_2.mxd -- Saved By: SRAY on 10/3/2019, 14:38:01 PM



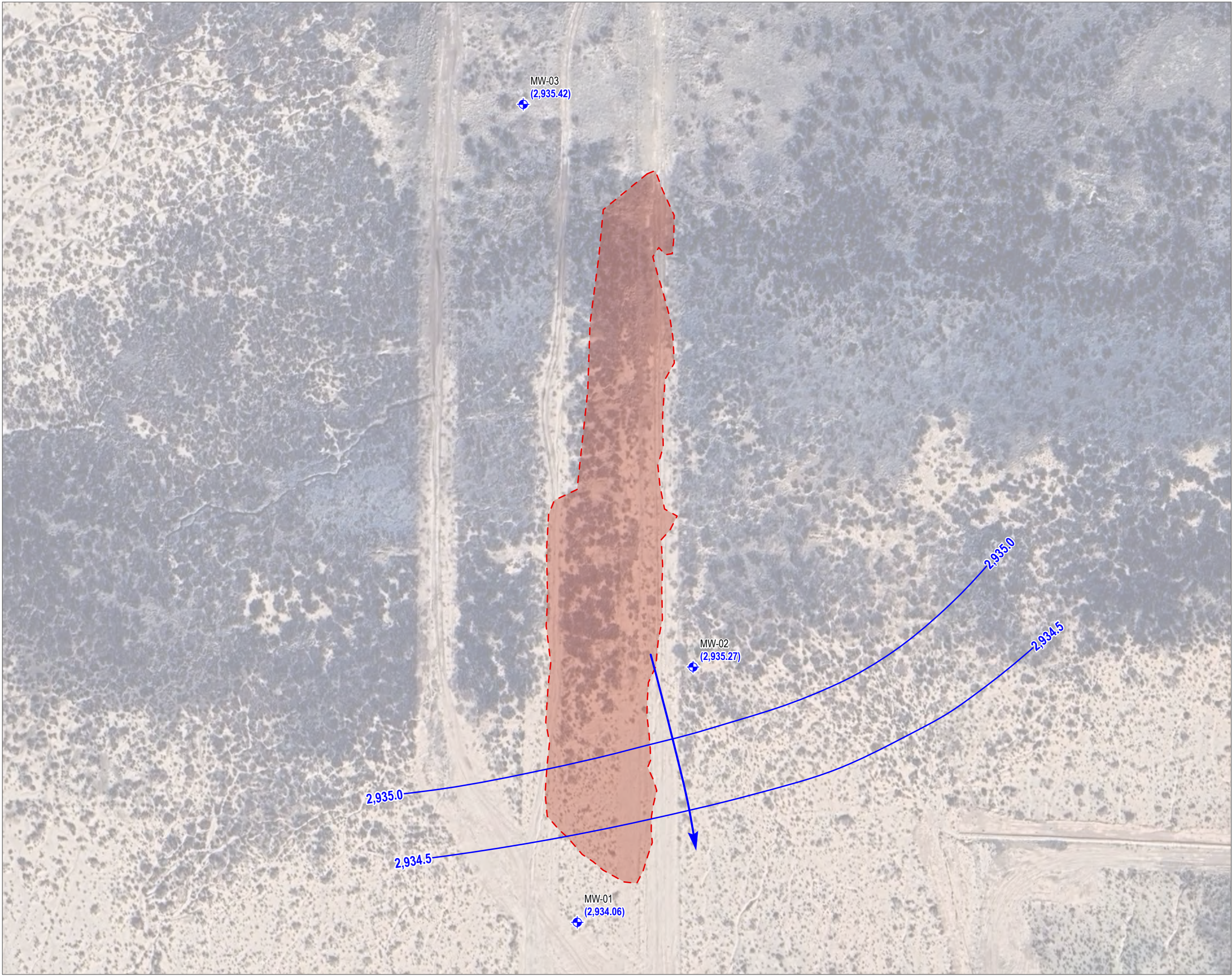
S:\1-PROJECTS\ConchoResources\360484 SRO State\360484_3.mxd -- Saved By: SRAY on 10/3/2019, 14:38:51 PM



COORDINATE SYSTEM: WGS 1984 WEB MERCATOR AUXILIARY SPHERE; MAP ROTATION: 0
-- SAVED BY: RCOLLINS ON 5/31/2024, 12:02:33 PM; FILE PATH: T:\1-PROJECTS\CONOCOPHILLIPS\450169_SRO_PROJECT\2-APRX\450169_SRO_PROJECT.APRX; LAYOUT NAME: FIG 4 - SITE AND SAMPLE LOCATION MAP



Coordinate System: NAD 1983 StatePlane New Mexico East FIPS 3001 Feet, Map Rotation: 0
-- Saved By: <ACP>rcollins <ACP>on 5/31/2024, 12:13:41 PM, File Path: T:\1-PROJECTS\ConocoPhillips\450169_SRO_Project\2-APR\XERO 5 State Com #506 & 507.aprx, Layout Name: Fig 5A - GW Elevation-1Q2023



- ◆ GROUNDWATER MONITORING WELL
- GROUNDWATER ELEVATION PIEZOMETRIC CONTOUR (0.5 FOOT INTERVAL)
- ➔ GROUNDWATER FLOW DIRECTION
- ▭ APPROXIMATE RELEASE FOOTPRINT

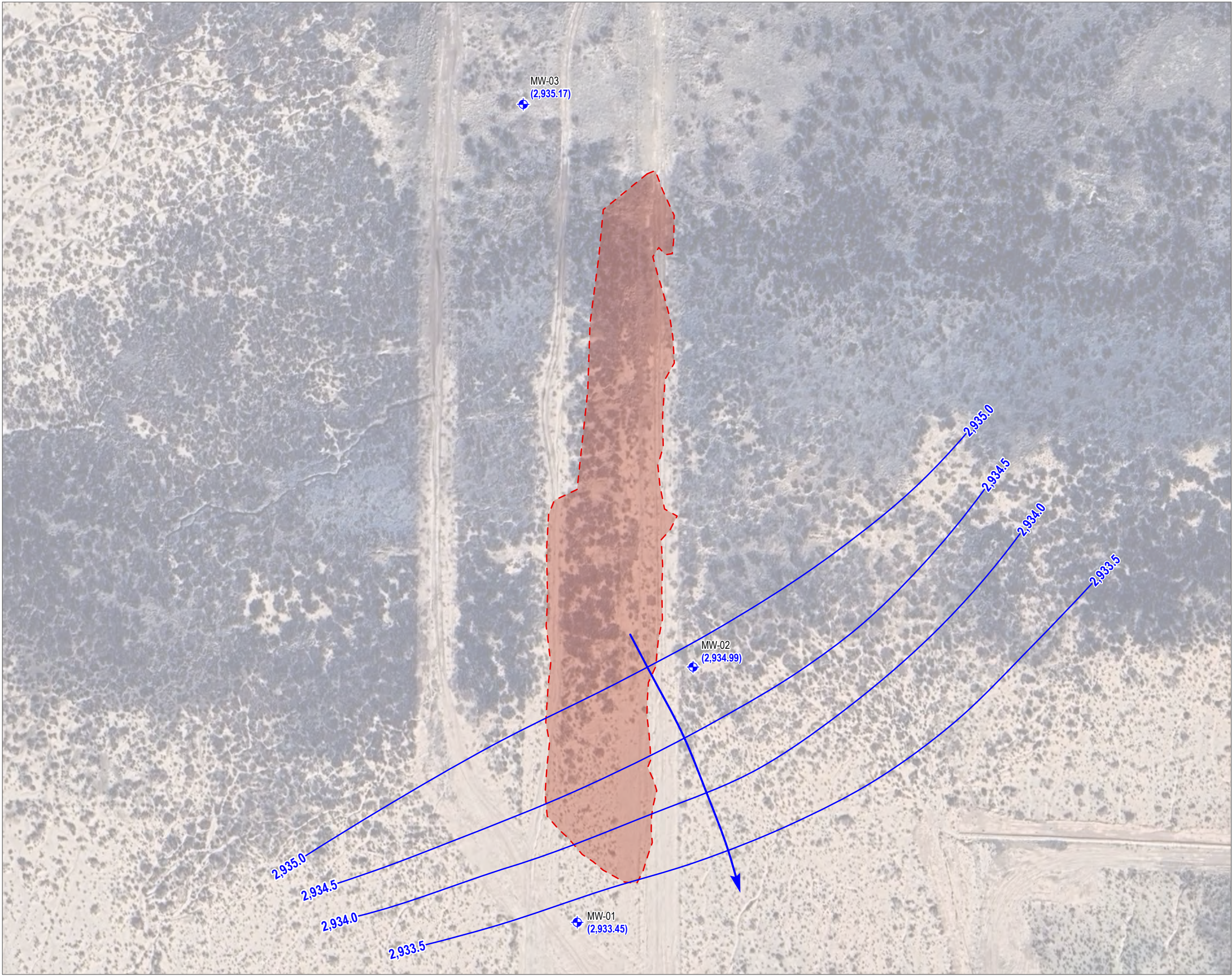
NOTES:
(2,935.42) = GROUNDWATER ELEVATION, FEET ABOVE MEAN SEA LEVEL.
BASE MAP: GOOGLE EARTH PRO AND THEIR DATA PARTNERS (12/21/2019).
DATA SOURCES: TRC



1:1,500
1" = 125'
0 125 250 FEET

PROJECT: CONOCOPHILLIPS SRO 5 STATE COM #506 & 507 EDDY COUNTY, NEW MEXICO	
TITLE: GROUNDWATER ELEVATION AND POTENTIOMETRIC MAP FIRST QUARTER 2023	
DRAWN BY: R. COLLINS	PROJ. NO.: 450169.0000.0000
CHECKED BY: M. BRYANT	FIGURE 5A
APPROVED BY: J. STOFFEL	
DATE: MAY 2024	
 505 EAST HUNTLAND DRIVE SUITE #250 AUSTIN, TX 78752 PHONE: 512.329.6080	
FILE: SRO 5 State Com #506 & 507.aprx	

Coordinate System: NAD 1983 StatePlane New Mexico East FIPS 3001 Feet, Map Rotation: 0
-- Saved By: <ACP>collins <ACP>on 5/31/2024, 12:13:41 PM, File Path: T:\1-PROJECTS\ConocoPhillips\450169_SRO_Project\2-APRX\SRO 5 State Com #506 & 507.aprx, Layout Name: Fig 5B - GW Elevation-2Q2023



- ◆ GROUNDWATER MONITORING WELL
- GROUNDWATER ELEVATION PIEZOMETRIC CONTOUR (0.5 FOOT INTERVAL)
- GROUNDWATER FLOW DIRECTION
- APPROXIMATE RELEASE FOOTPRINT

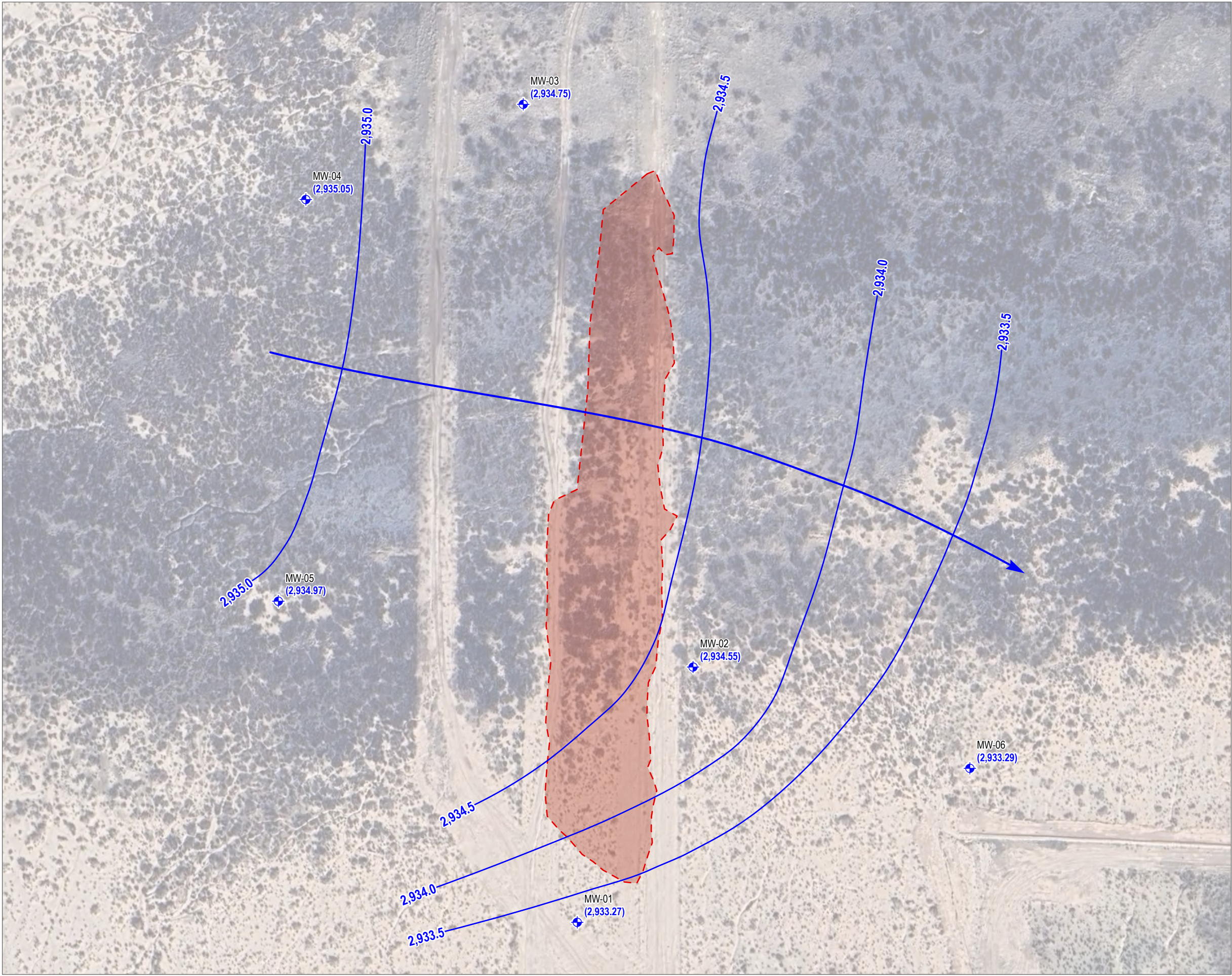
NOTES:
(2,935.17) = GROUNDWATER ELEVATION, FEET ABOVE MEAN SEA LEVEL.
BASE MAP: GOOGLE EARTH PRO AND THEIR DATA PARTNERS (12/21/2019).
DATA SOURCES: TRC



1:1,500
1" = 125'
0 125 250 FEET

PROJECT: CONOCOPHILLIPS SRO 5 STATE COM #506 & 507 EDDY COUNTY, NEW MEXICO	
TITLE: GROUNDWATER ELEVATION AND POTENTIOMETRIC MAP SECOND QUARTER 2023	
DRAWN BY: R. COLLINS	PROJ. NO.: 450169.0000.0000
CHECKED BY: M. BRYANT	FIGURE 5B
APPROVED BY: J. STOFFEL	
DATE: MAY 2024	
 505 EAST HUNTLAND DRIVE SUITE #250 AUSTIN, TX 78752 PHONE: 512.329.6080	
FILE: SRO 5 State Com #506 & 507.aprx	

Coordinate System: NAD 1983 StatePlane New Mexico East FIPS 3001 Feet; Map Rotation: 0
-- Saved By: <ACP>r Collins <ACP>on 5/31/2024, 12:55:49 PM; File Path: T:\PROJECTS\ConocoPhillips\450169_SRO_Project\2-APRX\SRO 5 State Com #506 & 507.aprx; Layout Name: Fig 5C - GW Elevation-3Q2023



- ◆ GROUNDWATER MONITORING WELL
- GROUNDWATER ELEVATION PIEZOMETRIC CONTOUR (0.5 FOOT INTERVAL)
- ➔ GROUNDWATER FLOW DIRECTION
- ▭ APPROXIMATE RELEASE FOOTPRINT

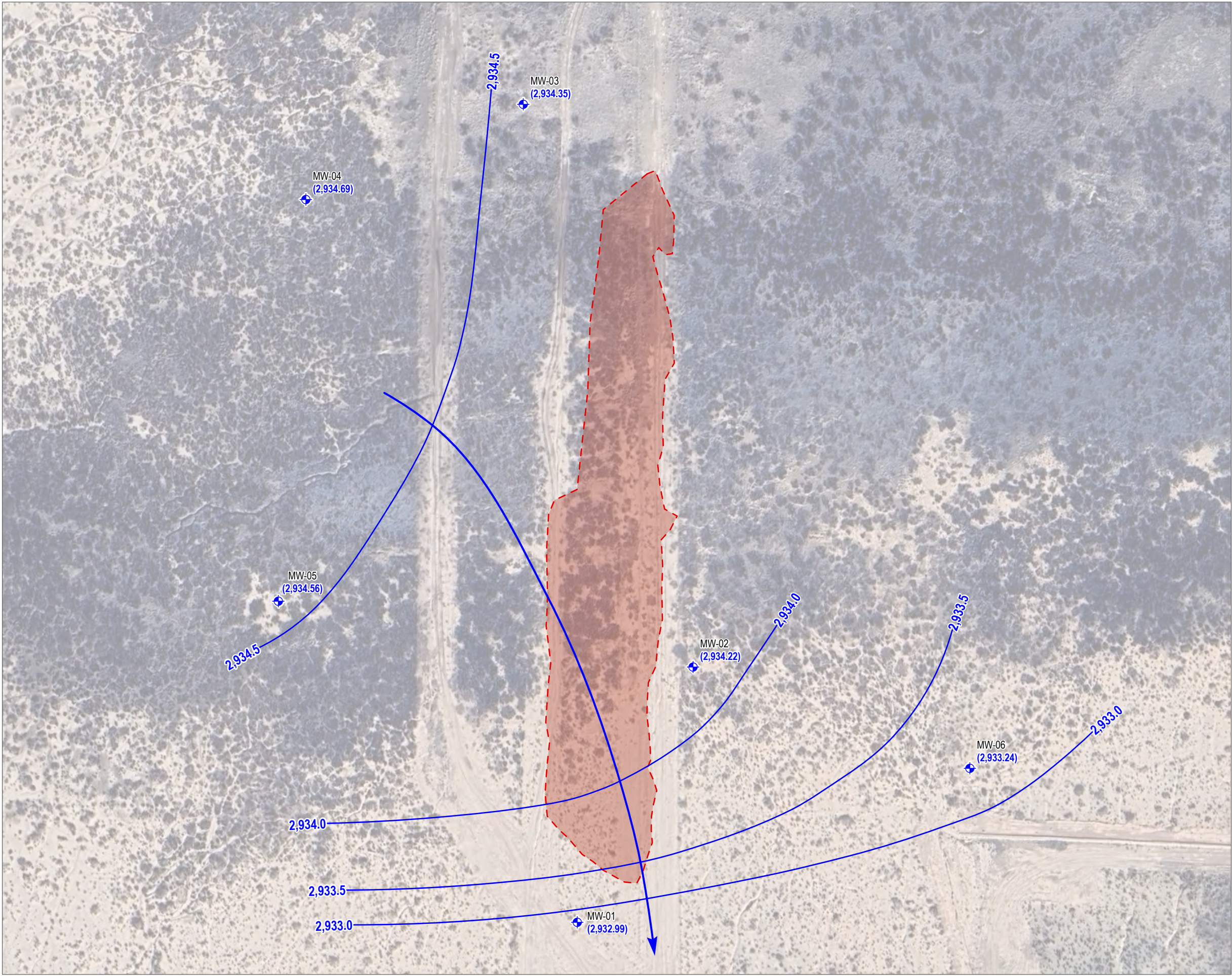
NOTES:
(2,935.05) = GROUNDWATER ELEVATION, FEET ABOVE MEAN SEA LEVEL.
BASE MAP: GOOGLE EARTH PRO AND THEIR DATA PARTNERS (12/21/2019).
DATA SOURCES: TRC



1:1,500
1" = 125'
0 125 250 FEET

PROJECT: CONOCOPHILLIPS	
SRO 5 STATE COM #506 & 507	
EDDY COUNTY, NEW MEXICO	
TITLE: GROUNDWATER ELEVATION AND	
POTENTIOMETRIC MAP	
THIRD QUARTER 2023	
DRAWN BY: R. COLLINS	PROJ. NO.: 450169.0000.0000
CHECKED BY: M. BRYANT	FIGURE 5C
APPROVED BY: J. STOFFEL	
DATE: MAY 2024	
 505 EAST HUNTLAND DRIVE SUITE	
#250 AUSTIN, TX 78752	
PHONE: 512.329.6080	
FILE:	SRO 5 State Com #506 & 507.aprx

Coordinate System: NAD 1983 StatePlane New Mexico East FIPS 3001 Feet; Map Rotation: 0
-- Saved By: <ACP>collins <ACP>on 5/31/2024, 12:55:49 PM; File Path: T:\1-PROJECTS\ConocoPhillips\450169_SRO_Project\2-APRX\SRO 5 State Com #506 & 507.aprx; Layout Name: Fig 5D - GW Elevation-4Q2023



- ◆ GROUNDWATER MONITORING WELL
- GROUNDWATER ELEVATION PIEZOMETRIC CONTOUR (0.5 FOOT INTERVAL)
- ➔ GROUNDWATER FLOW DIRECTION
- ▭ APPROXIMATE RELEASE FOOTPRINT

NOTES:
(2,934.69) = GROUNDWATER ELEVATION, FEET ABOVE MEAN SEA LEVEL.
BASE MAP: GOOGLE EARTH PRO AND THEIR DATA PARTNERS (12/21/2019).
DATA SOURCES: TRC



1:1,500
1" = 125'
0 125 250 FEET

PROJECT: CONOCOPHILLIPS	
SRO 5 STATE COM #506 & 507	
EDDY COUNTY, NEW MEXICO	
TITLE: GROUNDWATER ELEVATION AND	
POTENTIOMETRIC MAP	
FORTH QUARTER 2023	
DRAWN BY: R. COLLINS	PROJ. NO.: 450169.0000.0000
CHECKED BY: M. BRYANT	FIGURE 5D
APPROVED BY: J. STOFFEL	
DATE: MAY 2024	
 505 EAST HUNTLAND DRIVE SUITE	
#250 AUSTIN, TX 78752	
PHONE: 512.329.6080	
FILE:	SRO 5 State Com #506 & 507.aprx



10.0 Distribution

- Copy 1: Robert Hamlet
New Mexico Energy, Minerals and Natural Resources Department
Oil Conservation Division, District 2
811 S. First Street
Artesia, New Mexico 88210
- Copy 2: Ike Tavaréz
COG Operating, LLC
600 W. Illinois Avenue
Midland, Texas 79701
- Copy 3: TRC Environmental Corporation
10 Desta Dr STE 130E



Appendix A: NMOCD Approved Workplan – Analytical Appendix Removed



505 East Huntland Dr.
Suite 250
Austin, TX 78752

T 512.329.6080
TRCcompanies.com

July 11, 2022

Mr. Robert Hamlet
Environmental Science & Specialist
New Mexico Energy, Minerals and Natural Resources Department – Oil Conservation Division
1220 South St. Francis Drive
Santa Fe, NM 87505

Re: Revised Site Assessment Summary & Proposed Variance and Remediation Workplan Addendum
SRO 5 State Com #506H & 507H
NMOCD Incident No. nRM1933644528
Unit I/L, Section 32/33, Township 25S, Range 28E
Latitude 32.08505, Longitude -104.10065
Eddy County, New Mexico

Dear Mr. Hamlet:

On behalf of ConocoPhillips (COP), TRC Environmental Corporation (TRC) is providing this Revised Site Assessment Summary & Proposed Variance and Remediation Workplan Addendum (Addendum) for COP's SRO 5 State #506H & 507H (Site). The *Revised Site Assessment Summary & Proposed Variance and Remediation Workplan* for the Site was submitted to the New Mexico Oil Conservation Division (NMOCD) in early December 2021. The document proposed the following remedial actions to address soil with chloride concentrations above NMOCD Closure Criteria:

- Excavation and removal of soils on the north end (Areas 1 through 6) of the Site will occur to the 600 milligrams per kilogram (mg/kg) chloride limit.
- Excavation and removal of soils on the south end (Areas 7 and 8) of the Site will occur to approximately four (4) feet bgs and install a 20-mil liner in the excavation bottom.
- Confirmation sidewall samples will be collected on a five hundred (500) square foot basis. The chloride limit for all sidewalls will be 600 mg/kg.
- Confirmation floor samples will be collected on a five hundred (500) square foot basis in Areas 1 through 6. No floor samples will be collected from the area to be lined (Areas 7 and 8). The limit for chloride concentrations in Areas 1 through 6 will be 600 mg/kg.
- Clean overburden excavated from the surface will be mixed to homogenize the stockpile atop plastic and sampled via 5-point composite for chloride concentrations on a fifty (50) cubic yard (cy) basis. If chloride concentrations are below 600 mg/kg, the soil will be re-used for backfilling. If composite samples exceed 600 mg/kg chloride, the material will be transported offsite to a proper disposal facility.
- Three (3) additional monitor wells will be installed. The proposed easternmost well will be laterally moved northward to be in-line with MW-2; however, the well will not be located so far north that it is installed into the presumed alluvium or Rustler/alluvium transition.

505 East Huntland Drive, Suite 250 • Austin, Texas 78752
Telephone 512-329-6080 • Fax 512-329-8750

Mr. Robert Hamlet
Revised Site Assessment Summary & Proposed Variance and Remediation Workplan Addendum
July 11, 2022
Page 2

- Additional groundwater monitoring/sampling will be performed following the monitor wells installation to further investigate the groundwater underlying the Site.
- Additional clarification of the proposed schedule of activities, including soil remediation and groundwater monitoring.

The NMOCD provided denial of the December 2021 *Revised Site Assessment Summary & Proposed Variance and Remediation Workplan* on May 12, 2022, via the E-permitting portal. The NMOCD's denial e-mail indicated adherence to the most stringent closure criteria for the entirety of the Release Site, a sample frequency variance of one (1) confirmation soil sample per 500 square feet of floor and sidewall footprint, and overburden sample frequency of one (1) soil sample per 200 cubic feet. The monitoring wells were approved, but the easternmost water well was requested to be moved northward by approximately 150 feet.

A meeting was conducted between COP, NMOCD, and TRC on June 8, 2022, to discuss the December 2021 *Revised Site Assessment & Proposed Variance and Remediation Workplan* and NMOCD's May 12, 2022 denial. Based on the June 8, 2022 meeting and as summarized in TRC's June 10, 2022 e-mail to NMOCD, this Addendum includes the following changes to the remediation workplan presented in December 2021 Revised Site Assessment Summary & Proposed Variance and Remediation Workplan:

- An increase in confirmation soil sampling frequency from one (1) composite soil sample per 600 square feet (sidewalls) and one (1) composite soil sample per 1,000 square feet (floors) to one (1) composite soil sample per 500 cubic square feet for both floors and sidewalls.
- An increase in the 'clean overburden' sampling frequency from one (1) composite soil sample per 100 cy of 'clean overburden' material to one (1) composite soil sample per 50 cy of 'clean overburden' material.
- Installation of a 20-mil liner in Areas 7 and 8.
- Collection of one (1) additional 5-point composite sample from the base of each Area 7 & Area 8 prior to liner installation (requested in follow-up email after meeting by NMOCD).
- The easternmost monitoring well will be installed approximately 150 feet north of the previously proposed monitoring well location.

This Addendum addresses the above revisions to the *Revised Site Assessment & Proposed Variance and Remediation Workplan*. Additional details regarding the Addendum are provided below. The proposed excavation and off-Site disposal of soil within the Draw area (Areas 1 through 6) with chloride concentrations above the Closure Criterion will be conducted in accordance with Proposed Soils Workplan section of the *Revised Site Assessment & Proposed Variance and Remediation Workplan*.

REMEDIATION WORKPLAN ADDENDUM

Soil Remediation Activities

Distinction Between Areas 1 through 6 (Inside the Draw) and Areas 7 and 8 (Outside the Draw)



Mr. Robert Hamlet
Revised Site Assessment Summary & Proposed Variance and Remediation Workplan Addendum
July 11, 2022
Page 3

Soil samples at multiple sample locations indicated chloride concentrations above NMOCD regulatory guidelines. COP has separated the site into two (2) distinct areas, based on differences in depth to water and background chloride concentration data.

The first distinct area is inside the draw, which appears to exhibit low background chloride concentrations. The majority of the site, primarily to the north, is located within this area. Soil sample locations which are representative of this area include TT-1, TT-2, TT-3, TT-4, TT-5, TT-6, TT-9, TT-10, TT-11, TT-12, TT-13, and TT-14. Background sample locations representative of this area include Background-3, Background-4, and SB-DTW. Figure 1 depicts Areas 1 through 6 as the area 'Inside the Draw'.

The second distinct area is on the draw margins and outside the draw. This area exhibits elevated background chloride concentrations and does not overlie groundwater within thirty (30) feet bgs. Soil sample locations which are representative of this area include TT-7, TT-15, and W-5. Background sample locations which are representative of this area include Background-1, Background-2, Background-5, Background-09162020, MW-1, and MW-2. Figure 1 depicts Areas 7 and 8 as the area 'Outside the Draw'.

Overburden Use and Sampling

Soil samples at multiple sample locations indicate chloride concentrations have migrated below the surface, leaving an interval of 'clean overburden' material. COP proposes to utilize the 'clean overburden' for backfill material following further excavation of affected material below the overburden. COP will excavate and stage the 'clean overburden material' on plastic and mechanically homogenize utilizing onsite equipment. Following homogenization, COP proposes one five-point composite soil sample for every fifty (50) cy of excavated 'clean overburden' material. After review of the analytical results, the soil represented by soil samples exhibiting chloride concentrations below NMOCD regulatory guidelines will be staged pending utilization as backfill material following excavation activities. The soil represented by soil samples exhibiting chloride concentrations above NMOCD regulatory guidelines will be staged pending disposal at an NMOCD approved disposal facility.

Areas 1 through 6 (Previously Described as 'Inside the Draw')

COP will excavate the soil in the draw area exhibiting chloride concentrations above 600 mg/kg, stage the soil on a polyvinyl liner, and dispose of the soil at an NMOCD approved disposal facility. The locations and intervals to be excavated for disposal are highlighted in orange on Table 1.

The area represented by soil sample location TT-1 will be excavated to an approximate depth of one (1) foot bgs.

The excavation in the area represented by soil sample location TT-3 will be excavated to a depth of approximately ten (10) feet bgs.

The excavation in the area represented by soil sample location TT-4 will be excavated to a depth of approximately eight (8) feet bgs.

The area represented by soil sample location TT-11 will be additionally excavated to a depth of approximately sixteen (16) feet bgs.

The area represented by soil sample location TT-12 will be excavated to a depth of approximately seven (7) feet bgs. Soil sample analytical results from the October 2019 and September 2020 sampling events



Mr. Robert Hamlet
Revised Site Assessment Summary & Proposed Variance and Remediation Workplan Addendum
July 11, 2022
Page 4

utilizing a direct push and air rotary drilling methods indicate soil samples from the area represented by TT-12 collected during the September 2020 by trenching with a backhoe were likely anomalously high due to 'sluff' from affected soil at shallower horizons, and not representative of soil concentrations in the area. The floor of the excavation will be confirmed to be less than NMOCD regulatory guidelines during confirmation sampling.

The area represented by soil sample location TT-13 will be excavated to a depth of approximately six (6) feet bgs. Soil sample analytical results from the October 2019 and September 2020 sampling events utilizing a direct push and air rotary drilling methods indicate soil samples from the area represented by TT-13 collected during the September 2020 by trenching with a backhoe were likely anomalously high due to 'sluff' from affected soil at shallower horizons, and not representative of soil concentrations in the area. Soil sample SB-13A @ 9-10 exhibited a chloride concentration of 602 mg/kg, which is at the NMOCD regulatory limit and within laboratory margin of error. The floor of the excavation will be confirmed to be less than NMOCD regulatory guidelines during confirmation sampling.

The area represented by soil sample location TT-14 will be excavated to a depth of approximately three (3) feet bgs.

Areas 7 and 8 (Previously Described as 'Outside the Draw')

COP proposes to excavate soil exhibiting chloride concentrations above NMOCD regulatory guidelines to a depth of approximately four (4) feet bgs to restore the 'root zone' and provide soil with low chloride concentrations to promote vegetation growth. The excavated soil not characterized as 'clean overburden' will be disposed of at an NMOCD approved disposal facility alongside the affected material excavated from the draw area.

Following excavation activities, a 20 mil polyvinyl liner will be installed at the base of the excavation. The liner is designed as an engineering control to protect groundwater from rainwater infiltration through soil with documented elevated chloride concentrations, regardless of the provenance of the elevated chloride concentrations.

Confirmation Sample Variance

As part of collection of confirmation samples, COP proposes to:

- Collect one (1) five-point composite sidewall confirmation soil sample for every five hundred (500) square feet of excavated sidewall to ensure the lateral extent of the chloride-affected soil has been removed.
- Collect one (1) five-point composite floor confirmation soil sample for every five hundred (500) square feet of excavation floor to ensure the vertical extent of the chloride-affected soil has been removed. The excavation floor in the areas represented by trenches TT-7, TT-15, TT-16, and W-5 (Areas 7 and 8) will each have a single five-point composite sample to document the chloride concentrations below the liner and may exceed 600 mg/kg. These chloride concentrations are likely background concentrations and will not be further addressed by COP.

Confirmation soil samples collected from the sidewalls, floors, and 'clean overburden' will be submitted for chloride analysis only, as no soil samples collected during the delineation phase exhibited total petroleum



Mr. Robert Hamlet
Revised Site Assessment Summary & Proposed Variance and Remediation Workplan Addendum
July 11, 2022
Page 5

hydrocarbon (TPH) or benzene, toluene, ethylbenzene, and total xylenes (BTEX) concentrations above the laboratory reporting limits (RLs), which are substantially lower than NMOCD regulatory guidelines.

Estimated Volumes

The estimated volume of 'clean overburden' material is approximately 4,600 cy. The 'clean overburden' material will be utilized as backfill material following completion of excavation and sampling activities, as described above.

The total volume of material area exhibiting chloride concentrations above NMOCD regulatory guidelines will be staged onsite for disposal at an NMOCD approved disposal facility. The estimated volume of this affected material is approximately 15,600 cy, as follows:

- The volume of affected material from inside the draw (Areas 1 through 6) is estimated to be approximately 11,700 cy.
- The volume of affected material from outside the draw (Areas 7 and 8) between the surface and four (4) feet bgs is approximately 3,900 cy.

Backfilling

Following confirmation soil sampling of the excavation sidewalls, floors, and 'clean overburden' and review of analytical results, the excavated area will be returned to grade with the 'clean overburden' material and locally sourced clean backfill material.

Groundwater Sampling and Additional Well Installation

Quarterly groundwater monitoring is proposed at the Site as a conservative measure to monitor groundwater quality during implementation of the soil remedies and to further investigate any potential change in groundwater underlying the Release Site. Existing monitoring wells MW-1 through MW-3 will be gauged for depth to groundwater and sampled using low flow methodology for laboratory analysis of chloride by EPA Method 300.0 and TDS by Method SM 2540C, at a minimum. The monitoring results will be documented in annual groundwater monitoring reports to be prepared and submitted to NMOCD within 120 days of the end of each calendar year during which groundwater sampling occurs. Additionally, monitoring wells MW-4 through MW-6 will be included in the groundwater sampling events following installation. The schedule for quarterly groundwater monitoring activities is described below. Routine groundwater monitoring will be reevaluated upon completion of the soil remedies. If data indicate groundwater has not been affected by the release, groundwater monitoring will cease. If data indicate groundwater has been affected by the release, groundwater will require further measures under abatement.

IMPLEMENTATION SCHEDULE

COP proposes the following schedule for implementation of the Revised Site Assessment Summary & Proposed Variance and Remediation Workplan Addendum, contingent upon approval from NMOCD:

- Initiate soil remediation activities and submit a Soil Remediation Activities Report within 150 days from NMOCD-approval of this Revised Site Assessment Summary & Proposed Variance and Remediation Workplan Addendum.



Mr. Robert Hamlet
Revised Site Assessment Summary & Proposed Variance and Remediation Workplan Addendum
July 11, 2022
Page 6

- Initiate quarterly groundwater monitoring of the currently existing monitoring well network within 90 days of NMOCD-approval of this Revised Site Assessment Summary & Proposed Variance and Remediation Workplan Addendum.
- Installation of the additional monitoring wells at the approximate proposed locations and incorporation of the new wells within the groundwater monitoring plan within 90 days of well installation approval by both the New Mexico Office of the State Engineer (NMOSE) and New Mexico State Land Office (NMSLO – the landowner).

CLOSING

If you should have any questions or comments regarding this project, please contact Ike Tavaréz of COP at (432) 701-8630 or Jared Stoffel of TRC at (432) 238-3003.

Sincerely,



Jared Stoffel, P.G.
Project Manager

cc: Mike Bratcher, New Mexico Energy, Minerals, and Natural Resources Department, Artesia, New Mexico
Bradford Billings, New Mexico Energy, Minerals, and Natural Resources Department, Albuquerque, New Mexico
Ike Tavaréz, P.G., ConocoPhillips, Midland, Texas

Attachments:

Figure 1 – Proposed Remedial Excavation and Liner Locations

Figure 2 – Proposed Monitoring Well Location Map

Table 1 – Summary of Soil Analytical Data

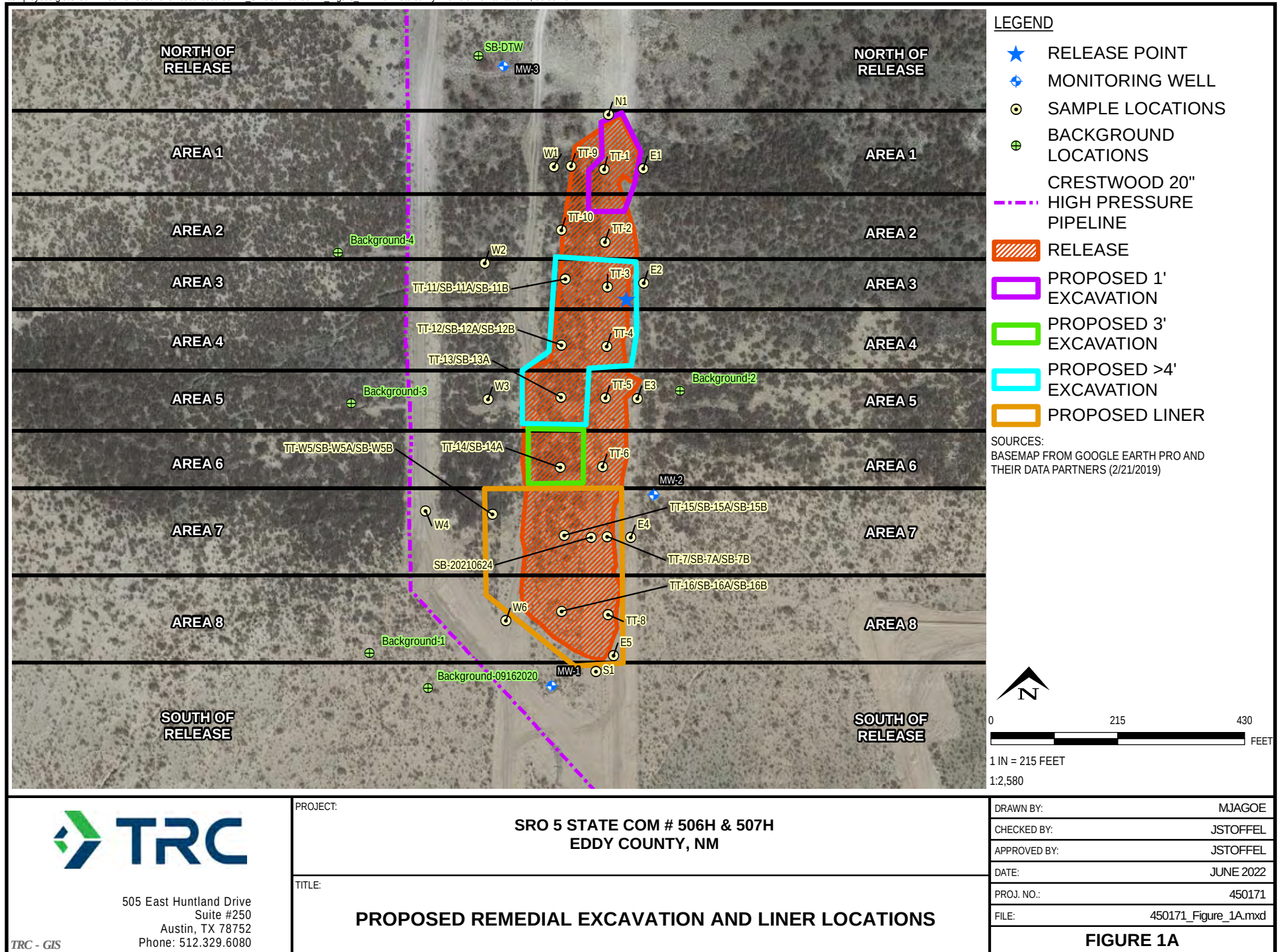
Appendix A – Copies of E-Mail Correspondence

Appendix B – NMOCD Form C-141



FIGURES

\\employees\gis\GIS1-PROJECTS\ConchoResources\450171_SRO5.mxd\450171_Figure_1A.mxd -- Saved By: MJAGOE on 6/20/2022, 03:53:46 AM



505 East Huntland Drive
Suite #250
Austin, TX 78752
Phone: 512.329.6080

TRC - GIS

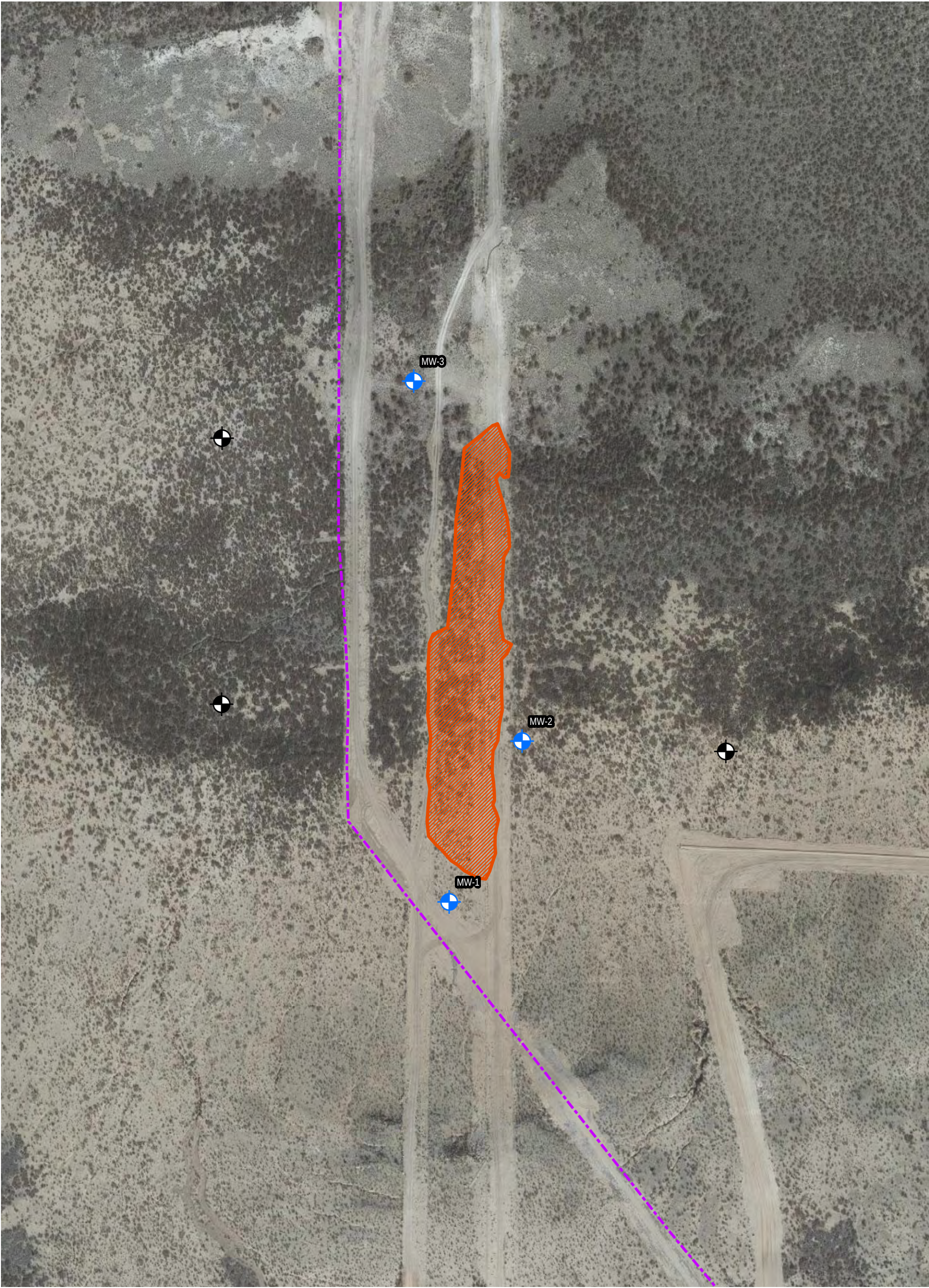
SRO 5 State Com #506H & 607H
Figure 1B - North to South Cross-Section

Depth Below Ground Surface	SB-DTW	TT-9	TT-1	Background-4	TT-10	TT-2	TT-11	TT-3	TT-12	TT-4	Background-3	TT-13	TT-5	Background-2	TT-14	TT-6	TT-W5	TT-15	TT-7	Background-1	TT-16	TT-8	MW-1	Background-09162020	Background-5	Depth Below Ground Surface
NORTH END	North of Release	Area 1		Area 2			Area 3		Area 4		Area 5				Area 6		Area 7			Area 8			South of Release			SOUTH END
	West	West	East	West	West	East	West	East	West	East	West	West	East	East	West	East	West	Center	East	West	West	East	Center	Center	NorthWest	
0-1	376	25.5	686	8.44	5.1	35.1	167	155	14.4	231	8.99	6,980	19.5	24.6	3,220	48.0	322	3,830	2,890	39.0	273	39.3	22.8	6.0	10.3	0-1
2-3	64.6	<4.96	8.03	17.1	<5.05	128	509	294	11.3	476	11.2	14,600	36.0	41.6	2,040	105	1,020	2,120	1,180	358	383	349	-	735	50.7	2-3
3-4	-	<5.04	14.7	105	<5.04	248	-	385	-	860	9.04	-	93.6	46.4	-	129	-	-	-	427	-	373	-	-	59.8	3-4
4-5	135	<5.05	15.3	306	<5.00	42.7	1,660	703	1,370	1,110	25.8	776	205	305	110	281	2,260	1,910	1,720	722	82.5	346	206	1,260	114	4-5
5-6	-	<4.97	14.9	384	<4.99	<4.98	-	1,100	-	1,370	553	1,390	369	1,020	-	331	-	-	-	916	-	382	-	-	388	5-6
6-7	47.1	-	-	489	-	-	1,230	961	1,800	925	100	540	-	1,240	-	-	2,170	2,390	2,210	982	22.7	-	-	1,170	461	6-7
7-8	-	-	-	379	-	-	-	901	-	688	140	-	-	1,650	-	-	-	-	-	391	-	-	-	-	587	7-8
8-9	-	-	-	561	-	-	-	832	-	547	199	-	-	3,770	-	-	-	-	-	777	-	-	-	-	643	8-9
9-10	13.4	-	-	359	-	-	1,290	641	313	-	235	602	-	292	-	-	2,390	1,040	1,860	817	670	-	2,320	1,840	911	9-10
10-11	-	-	-	422	-	-	-	597	-	-	251	-	-	152	-	-	-	-	-	1,040	-	-	-	-	769	10-11
11-12	-	-	-	318	-	-	-	-	-	-	280	-	-	992	-	-	-	-	-	1,150	-	-	-	-	1,220	11-12
12-13	-	-	-	679	-	-	1,540	-	-	-	146	258	-	610	-	-	2,430	-	-	1,620	-	-	-	-	639	12-13
13-14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	13-14
14-15	15.1	-	-	-	-	-	862	-	-	-	-	-	-	-	-	-	985	974	1,180	-	2,600	-	798	3,070	-	14-15
15-16	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	15-16
16-17	-	-	-	-	-	-	531	-	-	-	-	-	-	-	-	-	836	744	1,260	-	3,070	-	-	-	-	16-17
17-18	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	17-18
18-19	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	483	173	1,340	-	1,700	-	-	-	-	18-19
19-20	10.6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1,130	2,090	-	19-20
20-21	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	722	-	1,380	-	-	-	-	20-21
21-22	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1,700	-	-	-	-	21-22
22-23	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	268	-	-	-	-	-	-	22-23
23-24	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1,980	-	1,270	2,030	-	23-24
24-25	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	24-25
25-26	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	620	-	-	-	-	25-26
27-28	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	579	-	-	-	-	27-28
29-30	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	799	800	-	29-30

Most Recent Sampling Event

Sept. 2019





LEGEND
 MONITORING WELL
 PROPOSED ADDITIONAL MONITORING WELL
 RELEASE AREA

BASEMAP FROM GOOGLE EARTH PRO AND THEIR DATA PARTNERS (2/21/2019)

0 190 380 FEET
1" = 190'
1:2,280

 505 East Huntland Drive Suite #250 Austin, TX 78752 Phone: 512.329.6080	PROJECT:	SRO 5 STATE COM # 506H & 507H EDDY COUNTY, NM	DRAWN BY:	MJAGOE
	TITLE:	PROPOSED MONITORING WELL LOCATION MAP	CHECKED BY:	JSTOFFEL
			APPROVED BY:	JSTOFFEL
			DATE:	JUNE 2022
			PROJ. NO.:	450171
			FILE:	450171_Figure_2.mxd
				FIGURE 2

TABLES

SRO 5 State Com # 506H & 507H											
TABLE 1											
Summary of Delineation Sampling Analytical Results											
Concentrations of BTEX, TPH, and/or Chloride in Soil											
Sample Location	Depth (ft.)	SW 846 8021B		SW 846 8015M Ext.					E 300		
		Benzene (mg/kg)	BTEX (mg/kg)	GRO C ₆ -C ₁₀ (mg/kg)	DRO C ₁₀ -C ₂₈ (mg/kg)	GRO + DRO C ₆ -C ₂₈ (mg/kg)	ORO C ₂₈ - C ₃₅ (mg/kg)	TPH C ₆ - C ₃₅ (mg/kg)	Chloride [September 2019] (mg/kg)	Chloride [October 2019] (mg/kg)	Chloride [September 2020] (mg/kg)
NMOCD Closure Criteria		10	50	-	-	-	-	100	600		
TT-1	0-1	<0.00200	<0.002	<49.8	<49.8	<49.8	<49.8	<49.8	686	-	-
TT-1	2-3	-	-	-	-	-	-	-	8.03	-	-
TT-1	3-4	-	-	-	-	-	-	-	14.7	-	-
TT-1	4-5	-	-	-	-	-	-	-	15.3	-	-
TT-1	5-6	-	-	-	-	-	-	-	14.9	-	-
TT-2	0-1	<0.00199	<0.00199	<49.8	<49.8	<49.8	<49.8	<49.8	35.1	-	-
TT-2	2-3	-	-	-	-	-	-	-	128	-	-
TT-2	3-4	-	-	-	-	-	-	-	248	-	-
TT-2	4-5	-	-	-	-	-	-	-	42.7	-	-
TT-2	5-6	-	-	-	-	-	-	-	<4.98	-	-
TT-3	0-1	<0.00198	<0.00198	<49.9	<49.9	<49.9	<49.9	<49.9	155	-	-
TT-3	2-3	-	-	-	-	-	-	-	294	-	-
TT-3	3-4	-	-	-	-	-	-	-	385	-	-
TT-3	4-5	-	-	-	-	-	-	-	703	-	-
TT-3	5-6	-	-	-	-	-	-	-	1,100	-	-
TT-3	6-7	-	-	-	-	-	-	-	961	-	-
TT-3	7-8	-	-	-	-	-	-	-	901	-	-
TT-3	8-9	-	-	-	-	-	-	-	832	-	-
TT-3	9-10	-	-	-	-	-	-	-	641	-	-
TT-3	10-11	-	-	-	-	-	-	-	597	-	-

TABLE 1											
Summary of Delineation Sampling Analytical Results											
Concentrations of BTEX, TPH, and/or Chloride in Soil											
Sample Location	Depth (ft.)	SW 846 8021B		SW 846 8015M Ext.					E 300		
		Benzene (mg/kg)	BTEX (mg/kg)	GRO C ₆ -C ₁₀ (mg/kg)	DRO C ₁₀ -C ₂₈ (mg/kg)	GRO + DRO C ₆ -C ₂₈ (mg/kg)	ORO C ₂₈ - C ₃₅ (mg/kg)	TPH C ₆ - C ₃₅ (mg/kg)	Chloride [September 2019] (mg/kg)	Chloride [October 2019] (mg/kg)	Chloride [September 2020] (mg/kg)
NMOCD Closure Criteria		10	50	-	-	-	-	100	600		
TT-4	0-1	<0.00199	<0.00199	<49.9	<49.9	<49.9	<49.9	<49.9	231	-	-
TT-4	2-3	-	-	-	-	-	-	-	476	-	-
TT-4	3-4	-	-	-	-	-	-	-	860	-	-
TT-4	4-5	-	-	-	-	-	-	-	1,110	-	-
TT-4	5-6	-	-	-	-	-	-	-	1,370	-	-
TT-4	6-7	-	-	-	-	-	-	-	925	-	-
TT-4	7-8	-	-	-	-	-	-	-	688	-	-
TT-4	8-9	-	-	-	-	-	-	-	547	-	-
TT-5	0-1	<0.00200	<0.002	<49.9	<49.9	<49.9	<49.9	<49.9	19.5	-	-
TT-5	2-3	-	-	-	-	-	-	-	36.0	-	-
TT-5	3-4	-	-	-	-	-	-	-	93.6	-	-
TT-5	4-5	-	-	-	-	-	-	-	205	-	-
TT-5	5-6	-	-	-	-	-	-	-	369	-	-
TT-6	0-1	<0.00199	<0.00199	<50.0	<50.0	<50.0	<50.0	<50	48.0	-	-
TT-6	2-3	-	-	-	-	-	-	-	105	-	-
TT-6	3-4	-	-	-	-	-	-	-	129	-	-
TT-6	4-5	-	-	-	-	-	-	-	281	-	-
TT-6	5-6	-	-	-	-	-	-	-	331	-	-

TABLE 1											
Summary of Delineation Sampling Analytical Results											
Concentrations of BTEX, TPH, and/or Chloride in Soil											
Sample Location	Depth (ft.)	SW 846 8021B		SW 846 8015M Ext.					E 300		
		Benzene (mg/kg)	BTEX (mg/kg)	GRO C ₆ -C ₁₀ (mg/kg)	DRO C ₁₀ -C ₂₈ (mg/kg)	GRO + DRO C ₆ -C ₂₈ (mg/kg)	ORO C ₂₈ - C ₃₅ (mg/kg)	TPH C ₆ - C ₃₅ (mg/kg)	Chloride [September 2019] (mg/kg)	Chloride [October 2019] (mg/kg)	Chloride [September 2020] (mg/kg)
NMOCD Closure Criteria		10	50	-	-	-	-	100	600		
TT-7/SB-7A/SB-7B	0-1	<0.00201	<0.00201	<49.9	<49.9	<49.9	<49.9	<49.9	493	1460	2890
TT-7/SB-7A/SB-7B	2-3	-	-	-	-	-	-	-	455	1050	1180
TT-7/SB-7A/SB-7B	3-4	-	-	-	-	-	-	-	1,210	1,210	-
TT-7/SB-7A/SB-7B	4-5	-	-	-	-	-	-	-	1,580	1,570	1,720
TT-7/SB-7A/SB-7B	5-6	-	-	-	-	-	-	-	1,780	1,530	-
TT-7/SB-7A/SB-7B	6-7	-	-	-	-	-	-	-	1,990	1,540	2,210
TT-7/SB-7A/SB-7B	7-8	-	-	-	-	-	-	-	2,020	1,350	-
TT-7/SB-7A/SB-7B	8-9	-	-	-	-	-	-	-	1,400	1,490	-
TT-7/SB-7A/SB-7B	9-10	-	-	-	-	-	-	-	1,400	1,230	1,860
TT-7/SB-7A/SB-7B	10-11	-	-	-	-	-	-	-	1,330	921	-
TT-7/SB-7A/SB-7B	11-12	-	-	-	-	-	-	-	1,220	1,010	-
TT-7/SB-7A/SB-7B	12-13	-	-	-	-	-	-	-	943	903	-
TT-7/SB-7A/SB-7B	13-14	-	-	-	-	-	-	-	-	924	-
TT-7/SB-7A/SB-7B	14-15	-	-	-	-	-	-	-	-	1,280	1,180
TT-7/SB-7A/SB-7B	15-16	-	-	-	-	-	-	-	-	1,230	-
TT-7/SB-7A/SB-7B	16-17	-	-	-	-	-	-	-	-	751	1,260
TT-7/SB-7A/SB-7B	17-18	-	-	-	-	-	-	-	-	1,120	-
TT-7/SB-7A/SB-7B	18-19	-	-	-	-	-	-	-	-	939	1,340
TT-7/SB-7A/SB-7B	20-21	-	-	-	-	-	-	-	-	-	722
TT-7/SB-7A/SB-7B	22-23	-	-	-	-	-	-	-	-	-	268

TABLE 1											
Summary of Delineation Sampling Analytical Results											
Concentrations of BTEX, TPH, and/or Chloride in Soil											
Sample Location	Depth (ft.)	SW 846 8021B		SW 846 8015M Ext.					E 300		
		Benzene (mg/kg)	BTEX (mg/kg)	GRO C ₆ -C ₁₀ (mg/kg)	DRO C ₁₀ -C ₂₈ (mg/kg)	GRO + DRO C ₆ -C ₂₈ (mg/kg)	ORO C ₂₈ - C ₃₅ (mg/kg)	TPH C ₆ - C ₃₅ (mg/kg)	Chloride [September 2019] (mg/kg)	Chloride [October 2019] (mg/kg)	Chloride [September 2020] (mg/kg)
NMOCD Closure Criteria		10	50	-	-	-	-	100	600		
TT-8	0-1	<0.00201	<0.00201	<50.0	<50.0	<50.0	<50.0	<50	39.3	-	-
TT-8	2-3	-	-	-	-	-	-	-	349	-	-
TT-8	3-4	-	-	-	-	-	-	-	373	-	-
TT-8	4-5	-	-	-	-	-	-	-	346	-	-
TT-8	5-6	-	-	-	-	-	-	-	382	-	-
TT-9	0-1	<0.00199	<0.00199	<49.9	<49.9	<49.9	<49.9	<49.9	25.5	-	-
TT-9	2-3	-	-	-	-	-	-	-	<4.96	-	-
TT-9	3-4	-	-	-	-	-	-	-	<5.04	-	-
TT-9	4-5	-	-	-	-	-	-	-	<5.05	-	-
TT-9	5-6	-	-	-	-	-	-	-	<4.97	-	-
TT-10	0-1	<0.00198	<0.00198	<49.9	<49.9	<49.9	<49.9	<49.9	5.06	-	-
TT-10	2-3	-	-	-	-	-	-	-	<5.05	-	-
TT-10	3-4	-	-	-	-	-	-	-	<5.04	-	-
TT-10	4-5	-	-	-	-	-	-	-	<5.00	-	-
TT-10	5-6	-	-	-	-	-	-	-	<4.99	-	-

TABLE 1											
Summary of Delineation Sampling Analytical Results											
Concentrations of BTEX, TPH, and/or Chloride in Soil											
Sample Location	Depth (ft.)	SW 846 8021B		SW 846 8015M Ext.					E 300		
		Benzene (mg/kg)	BTEX (mg/kg)	GRO C ₆ -C ₁₀ (mg/kg)	DRO C ₁₀ -C ₂₈ (mg/kg)	GRO + DRO C ₆ -C ₂₈ (mg/kg)	ORO C ₂₈ - C ₃₅ (mg/kg)	TPH C ₆ - C ₃₅ (mg/kg)	Chloride [September 2019] (mg/kg)	Chloride [October 2019] (mg/kg)	Chloride [September 2020] (mg/kg)
NMOCD Closure Criteria		10	50	-	-	-	-	100	600		
TT-11/SB-11A/SB-11B	0-1	<0.00201	<0.00201	<50.0	<50.0	<50.0	<50.0	<50	26.7	52.1	167
TT-11/SB-11A/SB-11B	2-3	-	-	-	-	-	-	-	57.4	281	509
TT-11/SB-11A/SB-11B	3-4	-	-	-	-	-	-	-	287	673	-
TT-11/SB-11A/SB-11B	4-5	-	-	-	-	-	-	-	677	789	1,660
TT-11/SB-11A/SB-11B	5-6	-	-	-	-	-	-	-	1,600	646	-
TT-11/SB-11A/SB-11B	6-7	-	-	-	-	-	-	-	904	889	1,230
TT-11/SB-11A/SB-11B	7-8	-	-	-	-	-	-	-	812	1,100	-
TT-11/SB-11A/SB-11B	8-9	-	-	-	-	-	-	-	756	1,150	-
TT-11/SB-11A/SB-11B	9-10	-	-	-	-	-	-	-	797	1,400	1,290
TT-11/SB-11A/SB-11B	10-11	-	-	-	-	-	-	-	1,460	1,630	-
TT-11/SB-11A/SB-11B	11-12	-	-	-	-	-	-	-	1,630	1,030	-
TT-11/SB-11A/SB-11B	12-13	-	-	-	-	-	-	-	1,140	384	1,540
TT-11/SB-11A/SB-11B	14-15	-	-	-	-	-	-	-	-	-	862
TT-11/SB-11A/SB-11B	16-17	-	-	-	-	-	-	-	-	-	531
TT-12/SB-12A/SB-12B	0-1	<0.00201	<0.00201	<50.0	<50.0	<50.0	<50.0	<50	26.0	23.5	14.4
TT-12/SB-12A/SB-12B	2-3	-	-	-	-	-	-	-	114	192	11.3
TT-12/SB-12A/SB-12B	3-4	-	-	-	-	-	-	-	718	626	-
TT-12/SB-12A/SB-12B	4-5	-	-	-	-	-	-	-	1,670	1,360	1,370
TT-12/SB-12A/SB-12B	5-6	-	-	-	-	-	-	-	2,230	1,400	-
TT-12/SB-12A/SB-12B	6-7	-	-	-	-	-	-	-	2,340	615	1,800
TT-12/SB-12A/SB-12B	7-8	-	-	-	-	-	-	-	1,510	605	-
TT-12/SB-12A/SB-12B	8-9	-	-	-	-	-	-	-	1,170	478	-
TT-12/SB-12A/SB-12B	9-10	-	-	-	-	-	-	-	1,260	363	313
TT-12/SB-12A/SB-12B	10-11	-	-	-	-	-	-	-	1,070	261	-
TT-12/SB-12A/SB-12B	11-12	-	-	-	-	-	-	-	1,170	-	-
TT-12/SB-12A/SB-12B	12-13	-	-	-	-	-	-	-	1,200	-	-
TT-12/SB-12A/SB-12B	13-14	-	-	-	-	-	-	-	1,430	-	-
TT-12/SB-12A/SB-12B	14-15	-	-	-	-	-	-	-	1,160	-	-

TABLE 1											
Summary of Delineation Sampling Analytical Results											
Concentrations of BTEX, TPH, and/or Chloride in Soil											
Sample Location	Depth (ft.)	SW 846 8021B		SW 846 8015M Ext.					E 300		
		Benzene (mg/kg)	BTEX (mg/kg)	GRO C ₆ -C ₁₀ (mg/kg)	DRO C ₁₀ -C ₂₈ (mg/kg)	GRO + DRO C ₆ -C ₂₈ (mg/kg)	ORO C ₂₈ -C ₃₅ (mg/kg)	TPH C ₆ -C ₃₅ (mg/kg)	Chloride [September 2019] (mg/kg)	Chloride [October 2019] (mg/kg)	Chloride [September 2020] (mg/kg)
NMOCD Closure Criteria		10	50	-	-	-	-	100	600		
TT-13/SB-13A	0-1	<0.00199	<0.00199	<49.9	<49.9	<49.9	<49.9	<49.9	30.8	-	6,980
TT-13/SB-13A	2-3	-	-	-	-	-	-	-	29.1	-	14,600
TT-13/SB-13A	3-4	-	-	-	-	-	-	-	116	-	-
TT-13/SB-13A	4-5	-	-	-	-	-	-	-	874	-	776
TT-13/SB-13A	5-6	-	-	-	-	-	-	-	1,390	-	1,390
TT-13/SB-13A	6-7	-	-	-	-	-	-	-	1,410	-	540
TT-13/SB-13A	7-8	-	-	-	-	-	-	-	864	-	-
TT-13/SB-13A	8-9	-	-	-	-	-	-	-	994	-	-
TT-13/SB-13A	9-10	-	-	-	-	-	-	-	943	-	602
TT-13/SB-13A	10-11	-	-	-	-	-	-	-	741	-	-
TT-13/SB-13A	11-12	-	-	-	-	-	-	-	777	-	-
TT-13/SB-13A	12-13	-	-	-	-	-	-	-	521	-	258
TT-14/SB-14A	0-1	<0.00200	<0.002	<49.8	<49.8	<49.8	<49.8	<49.8	5,730	-	3,220
TT-14/SB-14A	2-3	-	-	-	-	-	-	-	2,290	-	2,040
TT-14/SB-14A	3-4	-	-	-	-	-	-	-	131	-	-
TT-14/SB-14A	4-5	-	-	-	-	-	-	-	89.6	-	110
TT-14/SB-14A	5-6	-	-	-	-	-	-	-	108	-	-

TABLE 1											
Summary of Delineation Sampling Analytical Results											
Concentrations of BTEX, TPH, and/or Chloride in Soil											
Sample Location	Depth (ft.)	SW 846 8021B		SW 846 8015M Ext.					E 300		
		Benzene (mg/kg)	BTEX (mg/kg)	GRO C ₆ -C ₁₀ (mg/kg)	DRO C ₁₀ -C ₂₈ (mg/kg)	GRO + DRO C ₆ -C ₂₈ (mg/kg)	ORO C ₂₈ -C ₃₅ (mg/kg)	TPH C ₆ -C ₃₅ (mg/kg)	Chloride [September 2019] (mg/kg)	Chloride [October 2019] (mg/kg)	Chloride [September 2020] (mg/kg)
NMOCD Closure Criteria		10	50	-	-	-	-	100	600		
TT-15/SB-15A/SB-15B	0-1	<0.00198	<0.00198	<50.0	<50.0	<50.0	<50.0	<50	1,510	774	3,830
TT-15/SB-15A/SB-15B	2-3	-	-	-	-	-	-	-	1,800	1,070	2,120
TT-15/SB-15A/SB-15B	3-4	-	-	-	-	-	-	-	2,000	1,480	-
TT-15/SB-15A/SB-15B	4-5	-	-	-	-	-	-	-	2,110	1,540	1,910
TT-15/SB-15A/SB-15B	5-6	-	-	-	-	-	-	-	2,180	1,360	-
TT-15/SB-15A/SB-15B	6-7	-	-	-	-	-	-	-	2,230	1,340	2,390
TT-15/SB-15A/SB-15B	7-8	-	-	-	-	-	-	-	2,070	1,320	-
TT-15/SB-15A/SB-15B	8-9	-	-	-	-	-	-	-	2,110	1,060	-
TT-15/SB-15A/SB-15B	9-10	-	-	-	-	-	-	-	2,160	1,970	1,040
TT-15/SB-15A/SB-15B	10-11	-	-	-	-	-	-	-	1,990	1,900	-
TT-15/SB-15A/SB-15B	11-12	-	-	-	-	-	-	-	1,720	1,620	-
TT-15/SB-15A/SB-15B	12-13	-	-	-	-	-	-	-	1,270	839	-
TT-15/SB-15A/SB-15B	13-14	-	-	-	-	-	-	-	-	1,510	-
TT-15/SB-15A/SB-15B	14-15	-	-	-	-	-	-	-	-	1,250	974
TT-15/SB-15A/SB-15B	15-16	-	-	-	-	-	-	-	-	886	-
TT-15/SB-15A/SB-15B	16-17	-	-	-	-	-	-	-	-	-	744
TT-15/SB-15A/SB-15B	18-19	-	-	-	-	-	-	-	-	-	173

TABLE 1											
Summary of Delineation Sampling Analytical Results											
Concentrations of BTEX, TPH, and/or Chloride in Soil											
Sample Location	Depth (ft.)	SW 846 8021B		SW 846 8015M Ext.					E 300		
		Benzene (mg/kg)	BTEX (mg/kg)	GRO C ₆ -C ₁₀ (mg/kg)	DRO C ₁₀ -C ₂₈ (mg/kg)	GRO + DRO C ₆ -C ₂₈ (mg/kg)	ORO C ₂₈ -C ₃₅ (mg/kg)	TPH C ₆ -C ₃₅ (mg/kg)	Chloride [September 2019] (mg/kg)	Chloride [October 2019] (mg/kg)	Chloride [September 2020] (mg/kg)
NMOCD Closure Criteria		10	50	-	-	-	-	100	600		
TT-16/SB-16A/SB-16B	0-1	<0.00201	<0.00201	<50.0	<50.0	<50.0	<50.0	<50	12.7	1,140	273
TT-16/SB-16A/SB-16B	2-3	-	-	-	-	-	-	-	15.5	409	383
TT-16/SB-16A/SB-16B	3-4	-	-	-	-	-	-	-	205	2,610	-
TT-16/SB-16A/SB-16B	4-5	-	-	-	-	-	-	-	678	1,010	82.5
TT-16/SB-16A/SB-16B	5-6	-	-	-	-	-	-	-	709	1,350	-
TT-16/SB-16A/SB-16B	6-7	-	-	-	-	-	-	-	-	1,220	22.7
TT-16/SB-16A/SB-16B	7-8	-	-	-	-	-	-	-	-	1,740	-
TT-16/SB-16A/SB-16B	8-9	-	-	-	-	-	-	-	-	1,180	-
TT-16/SB-16A/SB-16B	9-10	-	-	-	-	-	-	-	-	1,100	670
TT-16/SB-16A/SB-16B	10-11	-	-	-	-	-	-	-	-	1,450	-
TT-16/SB-16A/SB-16B	14-15	-	-	-	-	-	-	-	-	-	2,600
TT-16/SB-16A/SB-16B	16-17	-	-	-	-	-	-	-	-	-	3,070
TT-16/SB-16A/SB-16B	18-19	-	-	-	-	-	-	-	-	-	1,700
TT-16/SB-16A/SB-16B	20-21	-	-	-	-	-	-	-	-	-	1,380
TT-16/SB-16A/SB-16B	21-22	-	-	-	-	-	-	-	-	-	1,700
TT-16/SB-16A/SB-16B	23-24	-	-	-	-	-	-	-	-	-	1,980
TT-16/SB-16A/SB-16B	25-26	-	-	-	-	-	-	-	-	-	620
TT-16/SB-16A/SB-16B	27-28	-	-	-	-	-	-	-	-	-	579
TT-N1	0-1	<0.00200	<0.002	<49.8	<49.8	<49.8	<49.8	<49.8	279	-	-
TT-N1	2-3	-	-	-	-	-	-	-	6.69	-	-
TT-N1	3-4	-	-	-	-	-	-	-	8.30	-	-
TT-N1	4-5	-	-	-	-	-	-	-	9.45	-	-
TT-N1	5-6	-	-	-	-	-	-	-	4.96	-	-

TABLE 1											
Summary of Delineation Sampling Analytical Results											
Concentrations of BTEX, TPH, and/or Chloride in Soil											
Sample Location	Depth (ft.)	SW 846 8021B		SW 846 8015M Ext.					E 300		
		Benzene (mg/kg)	BTEX (mg/kg)	GRO C ₆ -C ₁₀ (mg/kg)	DRO C ₁₀ -C ₂₈ (mg/kg)	GRO + DRO C ₆ -C ₂₈ (mg/kg)	ORO C ₂₈ - C ₃₅ (mg/kg)	TPH C ₆ - C ₃₅ (mg/kg)	Chloride [September 2019] (mg/kg)	Chloride [October 2019] (mg/kg)	Chloride [September 2020] (mg/kg)
NMOCD Closure Criteria		10	50	-	-	-	-	100	600		
TT-S1	0-1	<0.00202	<0.00202	<50.0	<50.0	<50.0	<50.0	<50	11.6	-	-
TT-S1	2-3	-	-	-	-	-	-	-	55.2	-	-
TT-S1	3-4	-	-	-	-	-	-	-	294	-	-
TT-S1	4-5	-	-	-	-	-	-	-	347	-	-
TT-S1	5-6	-	-	-	-	-	-	-	205	-	-
E1	0-1	<0.00199	<0.00199	<50.0	<50.0	<50.0	<50.0	<50	5.49	-	-
E1	2-3	-	-	-	-	-	-	-	5.77	-	-
E1	3-4	-	-	-	-	-	-	-	<5.02	-	-
E1	4-5	-	-	-	-	-	-	-	<4.96	-	-
E2	0-1	<0.00199	<0.00199	<49.9	<49.9	<49.9	<49.9	<49.9	<5.04	-	-
E2	2-3	-	-	-	-	-	-	-	5.17	-	-
E2	3-4	-	-	-	-	-	-	-	217	-	-
E2	4-5	-	-	-	-	-	-	-	375	-	-
E3	0-1	<0.00199	<0.00199	<49.9	<49.9	<49.9	<49.9	<49.9	5.58	-	-
E3	2-3	-	-	-	-	-	-	-	<4.97	-	-
E3	3-4	-	-	-	-	-	-	-	6.53	-	-
E3	4-5	-	-	-	-	-	-	-	10.7	-	-
E4	0-1	<0.00199	<0.00199	<49.8	<49.8	<49.8	<49.8	<49.8	<5.02	-	-
E4	2-3	-	-	-	-	-	-	-	12.8	-	-
E4	3-4	-	-	-	-	-	-	-	112	-	-
E4	4-5	-	-	-	-	-	-	-	249	-	-

TABLE 1											
Summary of Delineation Sampling Analytical Results											
Concentrations of BTEX, TPH, and/or Chloride in Soil											
Sample Location	Depth (ft.)	SW 846 8021B		SW 846 8015M Ext.					E 300		
		Benzene (mg/kg)	BTEX (mg/kg)	GRO C ₆ -C ₁₀ (mg/kg)	DRO C ₁₀ -C ₂₈ (mg/kg)	GRO + DRO C ₆ -C ₂₈ (mg/kg)	ORO C ₂₈ -C ₃₅ (mg/kg)	TPH C ₆ -C ₃₅ (mg/kg)	Chloride [September 2019] (mg/kg)	Chloride [October 2019] (mg/kg)	Chloride [September 2020] (mg/kg)
NMOCD Closure Criteria		10	50	-	-	-	-	100	600		
E5	0-1	<0.00200	<0.002	<49.9	<49.9	<49.9	<49.9	<49.9	25.0	-	-
E5	2-3	-	-	-	-	-	-	-	220	-	-
E5	3-4	-	-	-	-	-	-	-	449	-	-
E5	4-5	-	-	-	-	-	-	-	697	-	-
TT-W1	0-1	<0.00202	<0.00202	<50.0	<50.0	<50.0	<50.0	<50	<5.04	-	-
TT-W1	2-3	-	-	-	-	-	-	-	<4.96	-	-
TT-W1	3-4	-	-	-	-	-	-	-	<5.02	-	-
TT-W1	4-5	-	-	-	-	-	-	-	<5.05	-	-
TT-W1	5-6	-	-	-	-	-	-	-	5.95	-	-
W2	0-1	<0.00198	<0.00198	<49.9	<49.9	<49.9	<49.9	<49.9	6.00	-	-
W2	2-3	-	-	-	-	-	-	-	20.1	-	-
W2	3-4	-	-	-	-	-	-	-	38.3	-	-
W2	4-5	-	-	-	-	-	-	-	45.3	-	-
W2	5-6	-	-	-	-	-	-	-	403	-	-
W3	0-1	<0.00202	<0.00202	<50.0	<50.0	<50.0	<50.0	<50	9.98	-	-
W3	2-3	-	-	-	-	-	-	-	12.5	-	-
W3	3-4	-	-	-	-	-	-	-	8.84	-	-
W3	4-5	-	-	-	-	-	-	-	15.5	-	-
W3	5-6	-	-	-	-	-	-	-	52.4	-	-

TABLE 1											
Summary of Delineation Sampling Analytical Results											
Concentrations of BTEX, TPH, and/or Chloride in Soil											
Sample Location	Depth (ft.)	SW 846 8021B		SW 846 8015M Ext.					E 300		
		Benzene (mg/kg)	BTEX (mg/kg)	GRO C ₆ -C ₁₀ (mg/kg)	DRO C ₁₀ -C ₂₈ (mg/kg)	GRO + DRO C ₆ -C ₂₈ (mg/kg)	ORO C ₂₈ - C ₃₅ (mg/kg)	TPH C ₆ - C ₃₅ (mg/kg)	Chloride [September 2019] (mg/kg)	Chloride [October 2019] (mg/kg)	Chloride [September 2020] (mg/kg)
NMOCD Closure Criteria		10	50	-	-	-	-	100	600		
W4	0-1	<0.00198	<0.00198	<50.0	<50.0	<50.0	<50.0	<50	25.7	-	-
W4	2-3	-	-	-	-	-	-	-	<5.00	-	-
W4	3-4	-	-	-	-	-	-	-	5.08	-	-
W4	4-5	-	-	-	-	-	-	-	5.62	-	-
W4	5-6	-	-	-	-	-	-	-	6.10	-	-
W5/SB-W5A/SB-W5B	0-1	<0.00200	<0.002	<49.9	<49.9	<49.9	<49.9	<49.9	1,520	458	322
W5/SB-W5A/SB-W5B	2-3	-	-	-	-	-	-	-	1,780	1,870	1,020
W5/SB-W5A/SB-W5B	3-4	-	-	-	-	-	-	-	2,170	1,910	-
W5/SB-W5A/SB-W5B	4-5	-	-	-	-	-	-	-	2,460	2,350	2,260
W5/SB-W5A/SB-W5B	5-6	-	-	-	-	-	-	-	2,880	2,510	-
W5/SB-W5A/SB-W5B	6-7	-	-	-	-	-	-	-	2,780	2,480	2,170
W5/SB-W5A/SB-W5B	7-8	-	-	-	-	-	-	-	3,320	2,000	-
W5/SB-W5A/SB-W5B	8-9	-	-	-	-	-	-	-	2,550	1,990	-
W5/SB-W5A/SB-W5B	9-10	-	-	-	-	-	-	-	2,330	2,140	2,390
W5/SB-W5A/SB-W5B	10-11	-	-	-	-	-	-	-	1,650	1,480	-
W5/SB-W5A/SB-W5B	11-12	-	-	-	-	-	-	-	1,530	1,620	-
W5/SB-W5A/SB-W5B	12-13	-	-	-	-	-	-	-	1,280	806	2,430
W5/SB-W5A/SB-W5B	13-14	-	-	-	-	-	-	-	-	795	-
W5/SB-W5A/SB-W5B	14-15	-	-	-	-	-	-	-	-	745	985
W5/SB-W5A/SB-W5B	15-16	-	-	-	-	-	-	-	-	840	-
W5/SB-W5A/SB-W5B	16-17	-	-	-	-	-	-	-	-	-	836
W5/SB-W5A/SB-W5B	18-19	-	-	-	-	-	-	-	-	-	483
W6	0-1	-	-	-	-	-	-	-	-	-	478
W6	1-2	-	-	-	-	-	-	-	-	-	73.8
W6	2-3	-	-	-	-	-	-	-	-	-	6.21
NMOCD Closure Criteria		10	50	-	-	-	-	100	-	-	600

TABLE 1											
Summary of Delineation Sampling Analytical Results											
Concentrations of BTEX, TPH, and/or Chloride in Soil											
Sample Location	Depth (ft.)	SW 846 8021B		SW 846 8015M Ext.					E 300		
		Benzene (mg/kg)	BTEX (mg/kg)	GRO C ₆ -C ₁₀ (mg/kg)	DRO C ₁₀ -C ₂₈ (mg/kg)	GRO + DRO C ₆ -C ₂₈ (mg/kg)	ORO C ₂₈ - C ₃₅ (mg/kg)	TPH C ₆ - C ₃₅ (mg/kg)	Chloride [September 2019] (mg/kg)	Chloride [October 2019] (mg/kg)	Chloride [September 2020] (mg/kg)
NMOCD Closure Criteria		10	50	-	-	-	-	100	600		

 Clean Overburden

 Proposed Excavation

 Sample Result Indicates Possible 'Sluff'

APPENDIX A
COPIES OF E-MAIL CORRESPONDENCE

From: [Bratcher, Mike, EMNRD](#)
To: [Stoffel, Jared](#); [Hamlet, Robert, EMNRD](#)
Cc: [Tavarez, Ike](#); [Billings, Bradford, EMNRD](#); [Nobui, Jennifer, EMNRD](#); [Harimon, Jocelyn, EMNRD](#); [Borgh, Bill](#)
Subject: RE: [EXTERNAL] SRO 5 State 506H & 507H (2RP-5717) Workplan Status Update
Date: Friday, June 10, 2022 2:44:09 PM
Attachments: [image003.png](#)

This is an **EXTERNAL** email. Do not click links or open attachments unless you validate the sender and know the content is safe.

ALWAYS hover over the link to preview the actual URL/site and confirm its legitimacy.

Jared,

Please obtain one, five-point composite sample from each area (Area 7 & Area 8) prior to liner placement. Samples may be tested for chloride only, and are for documentation only. That is a change on OCD's part from what was discussed at our meeting. Other than that, I believe we are in agreement on the path forward. If we need to discuss this addition, please let me know.

Thank you,

Mike Bratcher • Incident Supervisor
Environmental Bureau
EMNRD - Oil Conservation Division
Artesia, NM 88210
(575) 626-0857 | mike.bratcher@state.nm.us
<http://www.emnrd.state.nm.us/OCD/>



From: Stoffel, Jared <JStoffel@trccompanies.com>
Sent: Friday, June 10, 2022 8:48 AM
To: Hamlet, Robert, EMNRD <Robert.Hamlet@state.nm.us>
Cc: Tavarez, Ike <Ike.Tavarez@conocophillips.com>; Bratcher, Mike, EMNRD <mike.bratcher@state.nm.us>; Billings, Bradford, EMNRD <Bradford.Billings@state.nm.us>; Nobui, Jennifer, EMNRD <Jennifer.Nobui@state.nm.us>; Harimon, Jocelyn, EMNRD <Jocelyn.Harimon@state.nm.us>; Borgh, Bill <Bill.Borgh@conocophillips.com>
Subject: RE: [EXTERNAL] SRO 5 State 506H & 507H (2RP-5717) Workplan Status Update

All,

Thank you very much for taking the time to meet with us on June 8th regarding the SRO 5 State

506H & 507H. Based on our conversation, our understanding is that:

- Excavation and removal of soils on the north end (Areas 1 through 6) of the Site will occur to the 600 mg/kg chloride limit.
- Excavation and removal of soils on the south end (Areas 7 & 8) of the Site will occur to approximately 4 feet bgs and install a 20-mil liner in the excavation bottom.
- Confirmation sidewall samples will be collected on a 500 square foot basis. The chloride limit for all sidewalls will be 600 mg/kg.
- Confirmation floor samples will be collected on a 500 square foot basis in Areas 1 through 6. No floor samples will be collected from the area to be lined (Areas 7 & 8). The limit for chloride concentrations in Areas 1 through 6 will be 600 mg/kg.
- Clean overburden excavated from the surface will be mixed to homogenize the stockpile atop plastic and sampled via 5-point composite for chloride concentrations on a 50 cubic yard basis. If chloride concentrations are below 600 mg/kg, the soil will be re-used for backfilling. If composite sample exceed 600 mg/kg chloride, the material will be hauled to proper disposal.
- Three (3) additional monitor wells will be installed. The proposed easternmost well will be laterally moved northward to be in-line with MW-2, but not so far north that the well is installed into the presumed alluvium or Rustler/alluvium transition.
- Additional groundwater monitoring/sampling will be performed following the monitor wells installation to further investigate the groundwater underlying the Site.

If our understanding is consistent with your intent, please respond accordingly to this email. COP will provide a workplan addendum following your confirmation for submittal into the NMOCD e-permitting portal. This addendum will only include the remediation workplan strategy and will not re-document previous characterization of the Site. I will additionally reach out when we submit through the portal. Thank you very much for your time and consideration.

Jared Stoffel, P.G.
Project Manager



505 E Huntland Dr STE 250 Austin, TX 78752
F: 512 329 8750 | C: 432 238 3003
[LinkedIn](#) | [Twitter](#) | [Blog](#) | [TRCcompanies.com](#)

From: Hamlet, Robert, EMNRD <Robert.Hamlet@state.nm.us>
Sent: Thursday, June 2, 2022 4:06 PM
To: Stoffel, Jared <JStoffel@trccompanies.com>
Cc: Tavarez, Ike <Ike.Tavarez@conocophillips.com>; Bratcher, Mike, EMNRD <mike.bratcher@state.nm.us>; Billings, Bradford, EMNRD <Bradford.Billings@state.nm.us>; Nobui, Jennifer, EMNRD <Jennifer.Nobui@state.nm.us>; Harimon, Jocelyn, EMNRD <Jocelyn.Harimon@state.nm.us>

Subject: RE: [EXTERNAL] SRO 5 State 506H & 507H (2RP-5717) Workplan Status Update

This is an **EXTERNAL** email. Do not click links or open attachments unless you validate the sender and know the content is safe.

ALWAYS hover over the link to preview the actual URL/site and confirm its legitimacy.

Jared,

I don't remember anybody from the OCD saying they approved the background concentration data. Cristina Eads initially denied it and said, "the background data was not accepted". When we had the meeting, we discussed that a couple of the background soil investigations (Background 3 and 4) didn't find any substantial contaminants at a couple locations. The lack of contaminants at these locations shows the original soil makeup doesn't justify using the higher chloride numbers for background purposes. The higher TDS, Chloride, and Sulfate numbers at monitoring wells MW-1 and MW2 do not correlate with the corresponding boring log data, showing that the evaporitic depositional conditions were solely responsible for the elevated TDS and Cations/Anions. Some of the sample locations (Example: TT-13/SB-13A and TT-15/SB-15A/SB-15B) showed huge jumps in Chloride numbers from September 2019 to September 2020 in the top 6'-7', which is inconsistent with normal soil leaching behavior.

Regards,

Robert Hamlet • Environmental Specialist - Advanced
Environmental Bureau
EMNRD - Oil Conservation Division
811 S. First Street | Artesia, NM 88210
575.909.0302 | robert.hamlet@state.nm.us
<http://www.emnrd.state.nm.us/OCD/>



From: Stoffel, Jared <JStoffel@trccompanies.com>
Sent: Thursday, June 2, 2022 12:37 PM
To: Hamlet, Robert, EMNRD <Robert.Hamlet@state.nm.us>
Cc: Tavaréz, Ike <Ike.Tavaréz@conocophillips.com>; Bratcher, Mike, EMNRD <mike.bratcher@state.nm.us>; Billings, Bradford, EMNRD <Bradford.Billings@state.nm.us>; Nobui, Jennifer, EMNRD <Jennifer.Nobui@state.nm.us>; Harimon, Jocelyn, EMNRD <Jocelyn.Harimon@state.nm.us>
Subject: RE: [EXTERNAL] SRO 5 State 506H & 507H (2RP-5717) Workplan Status Update

Robert,

The last meeting regarding this release was on November 17th, 2021. In that meeting (attended by myself, Ike, yourself, Mike, and Bradford) the consensus was the background data that was presented was acceptable to the OCD. However, the denial letter indicates the background data was not acceptable to the OCD. We would like to discuss this further with you and your team – our understanding following the meeting in November was that the OCD found our remediation plan acceptable, and we were simply waiting for formal review through the portal. We had prepared to enact the workplan as our meeting had indicated the workplan was acceptable. We would like to clarify with you why the OCD found the background data acceptable in November but have denied the workplan based on the background data. We would really appreciate your time for this meeting, as we would like to move the project forward. Please let me know if we can still meet on June 8th. Thank you for your time and consideration.

Jared Stoffel, P.G.
Project Manager



505 E Huntland Dr STE 250 Austin, TX 78752
F: 512 329 8750 | C: 432 238 3003
[LinkedIn](#) | [Twitter](#) | [Blog](#) | [TRCcompanies.com](#)

From: Hamlet, Robert, EMNRD <Robert.Hamlet@state.nm.us>

Sent: Thursday, June 2, 2022 8:40 AM

To: Stoffel, Jared <JStoffel@trccompanies.com>

Cc: Tavarez, Ike <Ike.Tavarez@conocophillips.com>; Bratcher, Mike, EMNRD <mike.bratcher@state.nm.us>; Billings, Bradford, EMNRD <Bradford.Billings@state.nm.us>; Nobui, Jennifer, EMNRD <Jennifer.Nobui@state.nm.us>; Harimon, Jocelyn, EMNRD <Jocelyn.Harimon@state.nm.us>

Subject: RE: [EXTERNAL] SRO 5 State 506H & 507H (2RP-5717) Workplan Status Update

This is an **EXTERNAL** email. Do not click links or open attachments unless you validate the sender and know the content is safe.

ALWAYS hover over the link to preview the actual URL/site and confirm its legitimacy.

Jared,

We had a meeting a 3 or 4 weeks ago about this release. The OCD Environmental group is extremely busy and short staffed down here in the Southwest. Pulling resources off what they're doing for a another meeting should be a last resort if possible. Please, email me any questions/concerns you might have and I will try to answer them before we schedule another meeting. Thanks

Robert Hamlet • Environmental Specialist - Advanced
Environmental Bureau
EMNRD - Oil Conservation Division
811 S. First Street | Artesia, NM 88210
575.909.0302 | robert.hamlet@state.nm.us
<http://www.emnrd.state.nm.us/OCD/>



From: Stoffel, Jared <JStoffel@trccompanies.com>
Sent: Wednesday, June 1, 2022 1:35 PM
To: Hamlet, Robert, EMNRD <Robert.Hamlet@state.nm.us>
Cc: Tavaréz, Ike <Ike.Tavaréz@conocophillips.com>; Bratcher, Mike, EMNRD <mike.bratcher@state.nm.us>; Billings, Bradford, EMNRD <Bradford.Billings@state.nm.us>; Nobui, Jennifer, EMNRD <Jennifer.Nobui@state.nm.us>; Harimon, Jocelyn, EMNRD <Jocelyn.Harimon@state.nm.us>
Subject: RE: [EXTERNAL] SRO 5 State 506H & 507H (2RP-5717) Workplan Status Update

Robert,

I apologize for the delayed response. I have requested a meeting and sent an invite via Teams for all of the members on this email. The meeting request is for Wednesday June 8th at 11:00 CST (10:00 MST). Please let me know if the date/time needs to be adjusted and I will change accordingly. I really appreciate you all making time for this discussion – please let me know if anyone has not received a Teams invite. Thank you.

Jared Stoffel, P.G.
Project Manager



505 E Huntland Dr STE 250 Austin, TX 78752
F: 512 329 8750 | C: 432 238 3003
[LinkedIn](#) | [Twitter](#) | [Blog](#) | TRCcompanies.com

From: Hamlet, Robert, EMNRD <Robert.Hamlet@state.nm.us>
Sent: Tuesday, May 24, 2022 10:30 AM
To: Stoffel, Jared <JStoffel@trccompanies.com>
Cc: Tavaréz, Ike <Ike.Tavaréz@conocophillips.com>; Bratcher, Mike, EMNRD <mike.bratcher@state.nm.us>; Billings, Bradford, EMNRD <Bradford.Billings@state.nm.us>; Nobui, Jennifer, EMNRD <Jennifer.Nobui@state.nm.us>; Harimon, Jocelyn, EMNRD <Jocelyn.Harimon@state.nm.us>
Subject: RE: [EXTERNAL] SRO 5 State 506H & 507H (2RP-5717) Workplan Status Update

This is an **EXTERNAL** email. Do not click links or open attachments unless you validate the sender and know the content is safe.

ALWAYS hover over the link to preview the actual URL/site and confirm its legitimacy.

Jared,

We have numerous meetings planned in the next few weeks. Possibly the second week in June on a Tuesday or Wednesday would work. The OCD is short staffed at the moment and time is becoming a valuable commodity.

Please invite: Mike Bratcher mike.bratcher@state.nm.us
Brad Billings Bradford.Billings@state.nm.us
Jennifer Nobui Jennifer.Nobui@state.nm.us
Jocelyn Harimon Jocelyn.Harimon@state.nm.us

Thanks

Robert Hamlet • Environmental Specialist - Advanced
Environmental Bureau
EMNRD - Oil Conservation Division
811 S. First Street | Artesia, NM 88210
575.909.0302 | robert.hamlet@state.nm.us
<http://www.emnrd.state.nm.us/OCD/>



From: Stoffel, Jared <JStoffel@trccompanies.com>
Sent: Monday, May 23, 2022 10:00 AM
To: Hamlet, Robert, EMNRD <Robert.Hamlet@state.nm.us>; Bratcher, Mike, EMNRD <mike.bratcher@state.nm.us>; Billings, Bradford, EMNRD <Bradford.Billings@state.nm.us>
Cc: Tavarez, Ike <Ike.Tavarez@conocophillips.com>
Subject: RE: [EXTERNAL] SRO 5 State 506H & 507H (2RP-5717) Workplan Status Update

Robert,

We would like to request a meeting to discuss the denial of the remediation work plan for the SRO 5 State 506H & 507H. We had a meeting with yourself, Bradford Billings, and Mike Bratcher on November 17, 2022 which the background chloride concentration data outside the draw was verbally approved. The only requested revision to the workplan prior to submission through the

portal was the additional monitoring wells, which your team approved the locations as I moved them on the map onscreen. In the denial letter, statement that the OCD does not accept speculative background analysis is not consistent with our previous discussions, and we'd like to discuss that point in particular. We also would like confirmation of sampling of overburden at a rate of every 200 cubic feet (7.5 cubic yard) rather than every 200 cubic yards, as 200 cubic feet will result in a lot of additional analyses. Please let me know if there is a time and date that would be agreeable to a meeting – either in person or via Teams – and I am happy to set the meeting up. Thank you very much for your consideration.

Jared Stoffel, P.G.
Project Manager



505 E Huntland Dr STE 250 Austin, TX 78752

F: 512 329 8750 | C: 432 238 3003

[LinkedIn](#) | [Twitter](#) | [Blog](#) | TRCcompanies.com

From: Hamlet, Robert, EMNRD <Robert.Hamlet@state.nm.us>

Sent: Thursday, May 12, 2022 12:30 PM

To: Stoffel, Jared <JStoffel@trccompanies.com>; Bratcher, Mike, EMNRD <mike.bratcher@state.nm.us>; Billings, Bradford, EMNRD <Bradford.Billings@state.nm.us>

Cc: Tavaréz, Ike <Ike.Tavaréz@conocophillips.com>

Subject: RE: [EXTERNAL] SRO 5 State 506H & 507H (2RP-5717) Workplan Status Update

This is an **EXTERNAL** email. Do not click links or open attachments unless you validate the sender and know the content is safe.

ALWAYS hover over the link to preview the actual URL/site and confirm its legitimacy.

Jared,

The OCD would like to request a Site Map with the point of release clearly labelled. It will be uploaded to the incident file for future reference. Also, please include on any future reports.

Regards,

Robert Hamlet • Environmental Specialist - Advanced
Environmental Bureau
EMNRD - Oil Conservation Division
811 S. First Street | Artesia, NM 88210
575.909.0302 | robert.hamlet@state.nm.us
<http://www.emnrd.state.nm.us/OCD/>



From: Stoffel, Jared <JStoffel@trccompanies.com>
Sent: Friday, May 6, 2022 1:21 PM
To: Hamlet, Robert, EMNRD <Robert.Hamlet@state.nm.us>; Bratcher, Mike, EMNRD <mike.bratcher@state.nm.us>; Billings, Bradford, EMNRD <Bradford.Billings@state.nm.us>
Cc: Tavaréz, Ike <Ike.Tavaréz@conocophillips.com>
Subject: RE: [EXTERNAL] SRO 5 State 506H & 507H (2RP-5717) Workplan Status Update

Excellent – thank you very much for the timeline! Have a great weekend!

Jared Stoffel, P.G.
Project Manager



505 E Huntland Dr STE 250 Austin, TX 78752
F: 512 329 8750 | C: 432 238 3003
[LinkedIn](#) | [Twitter](#) | [Blog](#) | TRCcompanies.com

From: Hamlet, Robert, EMNRD <Robert.Hamlet@state.nm.us>
Sent: Friday, May 6, 2022 2:19 PM
To: Stoffel, Jared <JStoffel@trccompanies.com>; Bratcher, Mike, EMNRD <mike.bratcher@state.nm.us>; Billings, Bradford, EMNRD <Bradford.Billings@state.nm.us>
Cc: Tavaréz, Ike <Ike.Tavaréz@conocophillips.com>
Subject: RE: [EXTERNAL] SRO 5 State 506H & 507H (2RP-5717) Workplan Status Update

This is an **EXTERNAL** email. Do not click links or open attachments unless you validate the sender and know the content is safe.

ALWAYS hover over the link to preview the actual URL/site and confirm its legitimacy.

Jared,

There's 3 or 4 reports ahead of it, so I'd guess early to middle of next week.

Robert Hamlet • Environmental Specialist - Advanced
Environmental Bureau
EMNRD - Oil Conservation Division
811 S. First Street | Artesia, NM 88210

575.909.0302 | robert.hamlet@state.nm.us

<http://www.emnrd.state.nm.us/OCD/>



From: Stoffel, Jared <JStoffel@trccompanies.com>

Sent: Friday, May 6, 2022 12:10 PM

To: Hamlet, Robert, EMNRD <Robert.Hamlet@state.nm.us>; Bratcher, Mike, EMNRD <mike.bratcher@state.nm.us>; Billings, Bradford, EMNRD <Bradford.Billings@state.nm.us>

Cc: Tavaréz, Ike <Ike.Tavaréz@conocophillips.com>

Subject: [EXTERNAL] SRO 5 State 506H & 507H (2RP-5717) Workplan Status Update

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

Robert, Mike, and Bradford,

I would like to reach out and follow up on the SRO 5 State 506H & 507H (2RP-5717) workplan. We met with you in mid-November 2021 (via Teams conference) to discuss a path forward and utilized that discussion to revise our workplan based on your comments. We recently re-submitted the workplan through the portal, and I was curious if we had a timeline for review and approval of the workplan so that I can begin logistical planning for remedial efforts. Please let me know if there are any questions, concerns, or if you would like to discuss the remediation workplan further. Thank you very much!

Jared Stoffel, P.G.
Project Manager



505 E Huntland Dr STE 250 Austin, TX 78752

F: 512 329 8750 | C: 432 238 3003

[LinkedIn](#) | [Twitter](#) | [Blog](#) | TRCcompanies.com

Attached is what was submitted.

Thank you,

Brittany N. Esparza

Brittany N. Esparza | Environmental Technician, Permian | **ConocoPhillips**

O: 432-221-0398 | C: 432-349-1911 | 1CC-331 Midland, Texas

From: OCDOnline@state.nm.us <OCDOnline@state.nm.us>

Sent: Thursday, May 12, 2022 2:35 PM

To: Esparza, Brittany <Brittany.Esparza@conocophillips.com>

Subject: [EXTERNAL]The Oil Conservation Division (OCD) has rejected the application, Application ID: 69453

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

To whom it may concern (c/o Brittany Esparza for COG OPERATING LLC),

The OCD has rejected the submitted *Application for administrative approval of a release notification and corrective action* (C-141), for incident ID (n#) nRM1933644528, for the following reasons:

- **The Revised Remediation Plan is denied. The OCD does not accept speculative background analysis. Samples must be analyzed for the constituents listed in Table I of 19.15.29.12 NMAC. Sidewall/floor samples need to comply with the strictest closure criteria limits 600 mg/kg for Chlorides and 100 mg/kg TPH. A variance for 500 ft² confirmation floor/sidewall samples is approved. If top 4' overburden is used to backfill, samples must be taken every 200 cubic feet, meet the strictest closure criteria standards, and be included in final table. 3 additional monitoring wells are approved. Furthest east monitoring well needs to be about 150 feet north of where proposed. The work will need to occur in 90 days after the work plan has been approved.**

The rejected C-141 can be found in the OCD Online: Permitting - Action Status, under the Application ID: 69453.

Please review and make the required correction(s) prior to resubmitting.

If you have any questions why this application was rejected or believe it was rejected in error, please contact me prior to submitting an additional C-141.

Thank you,

Robert Hamlet

575-748-1283

Robert.Hamlet@state.nm.us

New Mexico Energy, Minerals and Natural Resources Department

1220 South St. Francis Drive

Santa Fe, NM 87505

APPENDIX B
NMOCD FORM C-141

Incident ID	
District RP	
Facility ID	
Application ID	

Site Assessment/Characterization

This information must be provided to the appropriate district office no later than 90 days after the release discovery date.

What is the shallowest depth to groundwater beneath the area affected by the release?	<50 (ft bgs)
Did this release impact groundwater or surface water?	☐ Yes ☒ No
Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse?	☐ Yes ☒ No
Are the lateral extents of the release within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)?	☐ Yes ☒ No
Are the lateral extents of the release within 300 feet of an occupied permanent residence, school, hospital, institution, or church?	☐ Yes ☒ No
Are the lateral extents of the release within 500 horizontal feet of a spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes?	☐ Yes ☒ No
Are the lateral extents of the release within 1000 feet of any other fresh water well or spring?	☐ Yes ☒ No
Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh water well field?	☐ Yes ☒ No
Are the lateral extents of the release within 300 feet of a wetland?	☐ Yes ☒ No
Are the lateral extents of the release overlying a subsurface mine?	☐ Yes ☒ No
Are the lateral extents of the release overlying an unstable area such as karst geology?	☒ Yes ☐ No
Are the lateral extents of the release within a 100-year floodplain?	☒ Yes ☐ No
Did the release impact areas not on an exploration, development, production, or storage site?	☒ Yes ☐ No

Attach a comprehensive report (electronic submittals in .pdf format are preferred) demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined. Refer to 19.15.29.11 NMAC for specifics.

Characterization Report Checklist: Each of the following items must be included in the report. ☒ Scaled site map showing impacted area, surface features, subsurface features, delineation points, and monitoring wells.☐ Field data☒ Data table of soil contaminant concentration data☒ Depth to water determination☒ Determination of water sources and significant watercourses within ½-mile of the lateral extents of the release☐ Boring or excavation logs☒ Photographs including date and GIS information☒ Topographic/Aerial maps☒ Laboratory data including chain of custody

If the site characterization report does not include completed efforts at remediation of the release, the report must include a proposed remediation plan. That plan must include the estimated volume of material to be remediated, the proposed remediation technique, proposed sampling plan and methods, anticipated timelines for beginning and completing the remediation. The closure criteria for a release are contained in Table 1 of 19.15.29.12 NMAC, however, use of the table is modified by site- and release-specific parameters.

State of New Mexico
Oil Conservation Division

Page 4

Incident ID	
District RP	
Facility ID	
Application ID	

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.

Printed Name: Ike Tavaréz Title: Senior HSE Supervisor

Signature: _____ Date: 7/11/2022

email: ike.tavaréz@conocophillips.com Telephone: (432) 685-2573

OCD Only

Received by: _____ Date: _____

Incident ID	
District RP	
Facility ID	
Application ID	

Remediation Plan

Remediation Plan Checklist: *Each of the following items must be included in the plan.*

- ☒ Detailed description of proposed remediation technique
- ☒ Scaled sitemap with GPS coordinates showing delineation points
- ☒ Estimated volume of material to be remediated
- ☒ Closure criteria is to Table 1 specifications subject to 19.15.29.12(C)(4) NMAC
- ☒ Proposed schedule for remediation (note if remediation plan timeline is more than 90 days OCD approval is required)

Deferral Requests Only: *Each of the following items must be confirmed as part of any request for deferral of remediation.*

- ☐ Contamination must be in areas immediately under or around production equipment where remediation could cause a major facility deconstruction.
- ☐ Extents of contamination must be fully delineated.
- ☐ Contamination does not cause an imminent risk to human health, the environment, or groundwater.

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.

Printed Name: Ike Tavarez Title: Staff Program Manager

Signature: _____ Date: 7/11/2022

email: ike.tavarez@conocophillips.com Telephone: (432) 685-2573

OCD Only

Received by: _____ Date: _____

☐ Approved ☐ Approved with Attached Conditions of Approval ☐ Denied ☐ Deferral Approved

Signature: _____ Date: _____



**Appendix B: Previously Approved
Release Notification and Corrective Action (Form C-141)**

Incident ID	
District RP	
Facility ID	
Application ID	

Site Assessment/Characterization

This information must be provided to the appropriate district office no later than 90 days after the release discovery date.

What is the shallowest depth to groundwater beneath the area affected by the release?	<u><50</u> (ft bgs)
Did this release impact groundwater or surface water?	☐ Yes ☒ No
Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse?	☐ Yes ☒ No
Are the lateral extents of the release within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)?	☐ Yes ☒ No
Are the lateral extents of the release within 300 feet of an occupied permanent residence, school, hospital, institution, or church?	☐ Yes ☒ No
Are the lateral extents of the release within 500 horizontal feet of a spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes?	☐ Yes ☒ No
Are the lateral extents of the release within 1000 feet of any other fresh water well or spring?	☐ Yes ☒ No
Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh water well field?	☐ Yes ☒ No
Are the lateral extents of the release within 300 feet of a wetland?	☐ Yes ☒ No
Are the lateral extents of the release overlying a subsurface mine?	☐ Yes ☒ No
Are the lateral extents of the release overlying an unstable area such as karst geology?	☒ Yes ☐ No
Are the lateral extents of the release within a 100-year floodplain?	☒ Yes ☐ No
Did the release impact areas not on an exploration, development, production, or storage site?	☒ Yes ☐ No

Attach a comprehensive report (electronic submittals in .pdf format are preferred) demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined. Refer to 19.15.29.11 NMAC for specifics.

Characterization Report Checklist: *Each of the following items must be included in the report.*

- ☒ Scaled site map showing impacted area, surface features, subsurface features, delineation points, and monitoring wells.
- ☐ Field data
- ☒ Data table of soil contaminant concentration data
- ☒ Depth to water determination
- ☒ Determination of water sources and significant watercourses within ½-mile of the lateral extents of the release
- ☐ Boring or excavation logs
- ☒ Photographs including date and GIS information
- ☒ Topographic/Aerial maps
- ☒ Laboratory data including chain of custody

If the site characterization report does not include completed efforts at remediation of the release, the report must include a proposed remediation plan. That plan must include the estimated volume of material to be remediated, the proposed remediation technique, proposed sampling plan and methods, anticipated timelines for beginning and completing the remediation. The closure criteria for a release are contained in Table 1 of 19.15.29.12 NMAC, however, use of the table is modified by site- and release-specific parameters.

State of New Mexico
Oil Conservation Division

Page 4

Incident ID	
District RP	
Facility ID	
Application ID	

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.

Printed Name: Ike Tavaréz Title: Senior HSE Supervisor

Signature:  Date: 7/11/2022

email: ike.tavaréz@conocophillips.com Telephone: (432) 685-2573

OCD Only

Received by: _____ Date: _____

Incident ID	
District RP	
Facility ID	
Application ID	

Remediation Plan

Remediation Plan Checklist: *Each of the following items must be included in the plan.*

- ☒ Detailed description of proposed remediation technique
- ☒ Scaled sitemap with GPS coordinates showing delineation points
- ☒ Estimated volume of material to be remediated
- ☒ Closure criteria is to Table 1 specifications subject to 19.15.29.12(C)(4) NMAC
- ☒ Proposed schedule for remediation (note if remediation plan timeline is more than 90 days OCD approval is required)

Deferral Requests Only: *Each of the following items must be confirmed as part of any request for deferral of remediation.*

- ☐ Contamination must be in areas immediately under or around production equipment where remediation could cause a major facility deconstruction.
- ☐ Extents of contamination must be fully delineated.
- ☐ Contamination does not cause an imminent risk to human health, the environment, or groundwater.

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.

Printed Name: Ike Tavaraz Title: Staff Program Manager
Signature:  Date: 7/11/2022
email: ike.tavaraz@conocophillips.com Telephone: (432) 685-2573

OCD Only

Received by: _____ Date: _____

☐ Approved ☐ Approved with Attached Conditions of Approval ☐ Denied ☐ Deferral Approved

Signature: _____ Date: _____

Incident ID	NRM1933644528
District RP	
Facility ID	
Application ID	

Remediation Plan

Remediation Plan Checklist: *Each of the following items must be included in the plan.*

- ☒ Detailed description of proposed remediation technique
- ☒ Scaled sitemap with GPS coordinates showing delineation points
- ☒ Estimated volume of material to be remediated
- ☒ Closure criteria is to Table 1 specifications subject to 19.15.29.12(C)(4) NMAC
- ☒ Proposed schedule for remediation (note if remediation plan timeline is more than 90 days OCD approval is required)

Deferral Requests Only: *Each of the following items must be confirmed as part of any request for deferral of remediation.*

- ☐ Contamination must be in areas immediately under or around production equipment where remediation could cause a major facility deconstruction.
- ☐ Extents of contamination must be fully delineated.
- ☐ Contamination does not cause an imminent risk to human health, the environment, or groundwater.

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.

Printed Name: Ike Tavaraz Title: Staff Program Manager
Signature:  Date: 7/11/2022
email: ike.tavaraz@conocophillips.com Telephone: (432) 685-2573

OCD Only

Received by: Robert Hamlet Date: 11/15/2022

☐ Approved ☒ Approved with Attached Conditions of Approval ☐ Denied ☐ Deferral Approved

Signature: Robert Hamlet Date: 11/15/2022



Appendix C: Photographic Documentation

COP- SRO 5 State 506 & 507
03/15/2024

Photographic Documentation

Photograph No. 1

Date:

3/21/2023

Direction:

Southwest

Description:

View of impacted
area.



Photograph No. 2

Date:

3/21/2023

Direction:

Southwest

Description:

View of impacted
area.



COP- SRO 5 State 506 & 507
03/15/2024

Photographic Documentation

Photograph No. 3

Date:

3/21/2023

Direction:

South

Description:

View of impacted
area.



Photograph No. 4

Date:

4/19/2023

Direction:

South

Description:

View of excavation
area.



COP- SRO 5 State 506 & 507

03/15/2024

Photographic Documentation

Photograph No. 5

Date:

4/21/2023

Direction:

Southeast

Description:

**View excavation
area.**



Photograph No. 6

Date:

4/21/2023

Direction:

Southeast

Description:

**View excavation
area.**



COP- SRO 5 State 506 & 507

03/15/2024

Photographic Documentation

Photograph No. 7

Date:

4/2/2023

Direction:

Northeast

Description:

**View of liner
installation.**



Photograph No. 8

Date:

4/2/2023

Direction:

Northwest

Description:

**View of liner
installation.**



COP- SRO 5 State 506 & 507
03/15/2024

Photographic Documentation

Photograph No. 9

Date:
4/2/2023

Direction:
Northwest

Description:
View of liner
installation.



Photograph No. 10

Date:
4/2/2023

Direction:
Southwest

Description:
View of liner
installation.



COP- SRO 5 State 506 & 507
03/15/2024

Photographic Documentation

Photograph No. 11

Date:
5/17/2023

Direction:
Northeast

Description:
View of backfilled
area.



Photograph No. 12

Date:
5/17/2023

Direction:
East

Description:
View of backfilled
area.



COP- SRO 5 State 506 & 507
03/15/2024

Photographic Documentation

Photograph No. 13

Date:
5/17/2023

Direction:
North

Description:
View backfilled
area.



Photograph No. 14

Date:
5/17/2023

Direction:
South

Description:
View of backfilled
area.



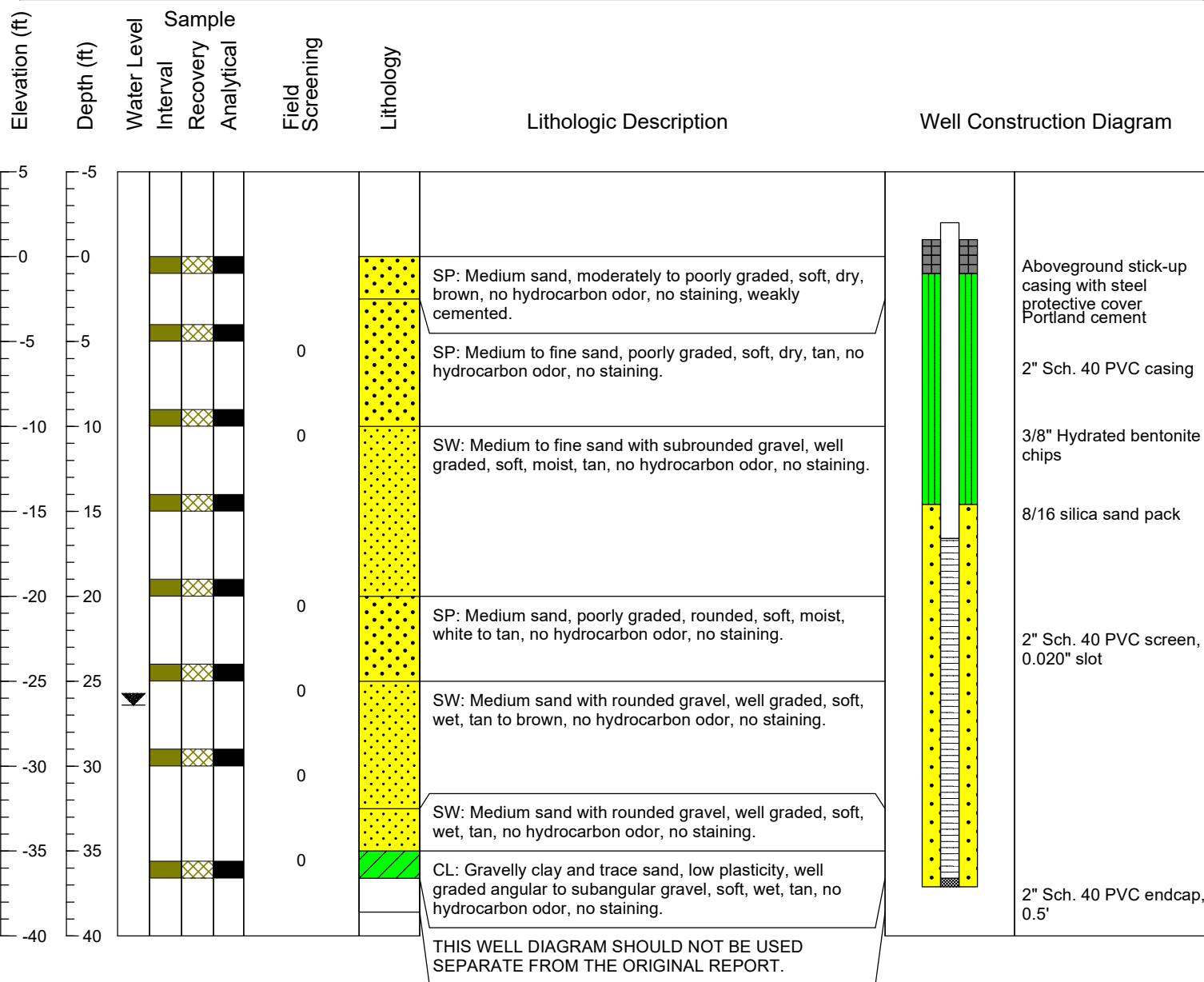


Appendix D: Boring Logs



MW-4

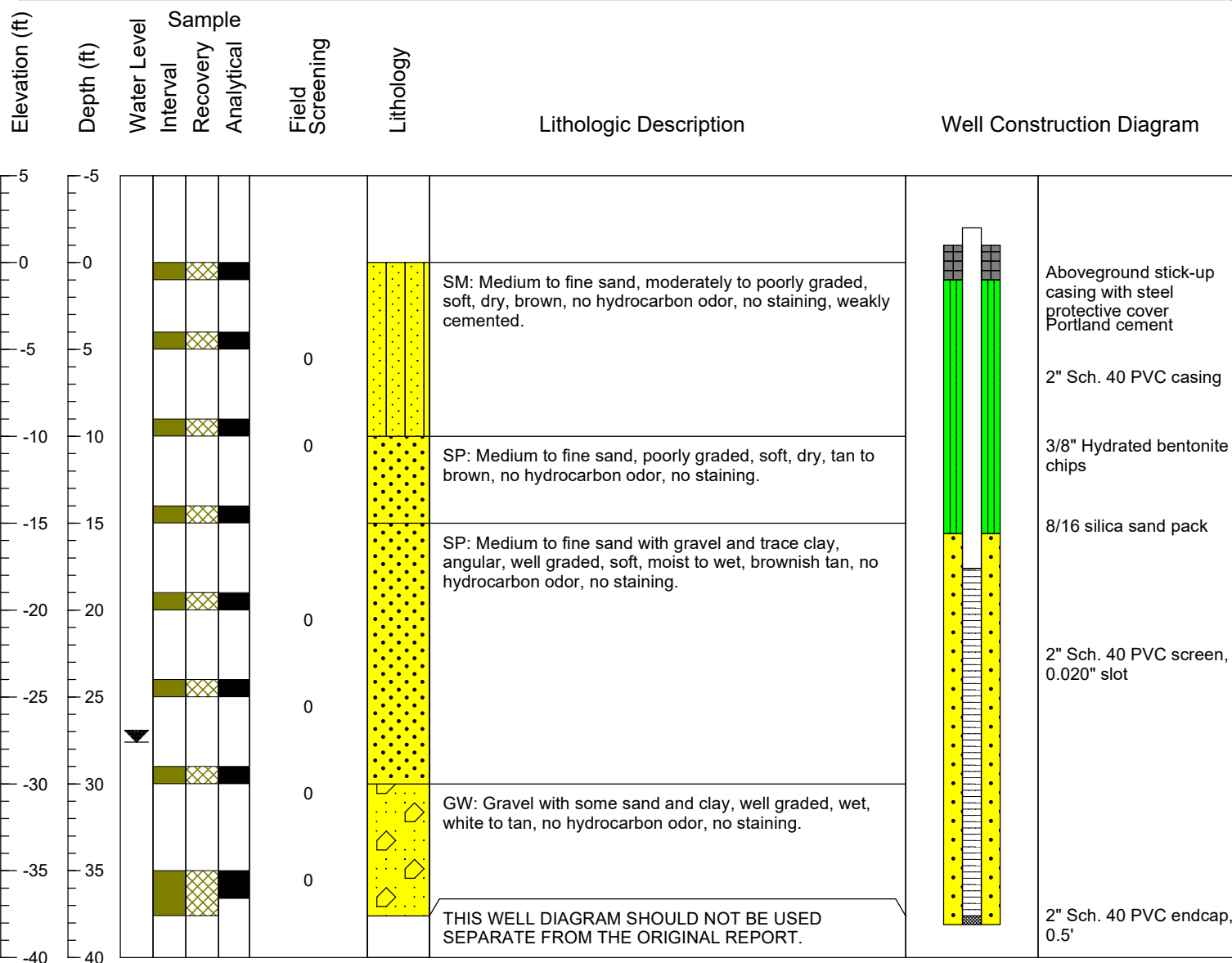
Client: SRO	TRC Project #: 450169
Site: SRO 5 State Com #506H & 507H	Start Date: 9/12/2023
Address: SRO 5 State Com #506H & 507H	Finish Date: 9/12/2023
Project: Site Assessment	Permit #: NA
Drilling Company: Talon	Drilling Crew: Zach Moody
Drilling Method: Air Rotary	TRC Site Rep.: Jared Stoffel
Boring Diameter (in): 6	TRC Reviewer: Jared Stoffel
Boring Depth (ft bgs): 36.6	Coord. System: WGS84
Sampling Method: Split-Spoon Sampler	Latitude: 32.084378
Blow Count Method: NA	Longitude: -104.102303
Field Screening Parameter: NA	Elevation Datum: NA
Meter: NA	Ground Elevation (ft): Not Measured
Well Depth (ft bgs): 36.6	Well Depth (ft toc): 38.6
Casing Length (ft): 18.6	Well Elevation (ft): Not Measured
Screen Length (ft): 20	Well Measuring Point: NA
Surface Completion: Aboveground stick-up casing with steel protective cover	Depth to Water (ft toc): 26.40
Well Development: Pumped and surge X gallons	Date/Time: 9/23/23 10:40





MW-5

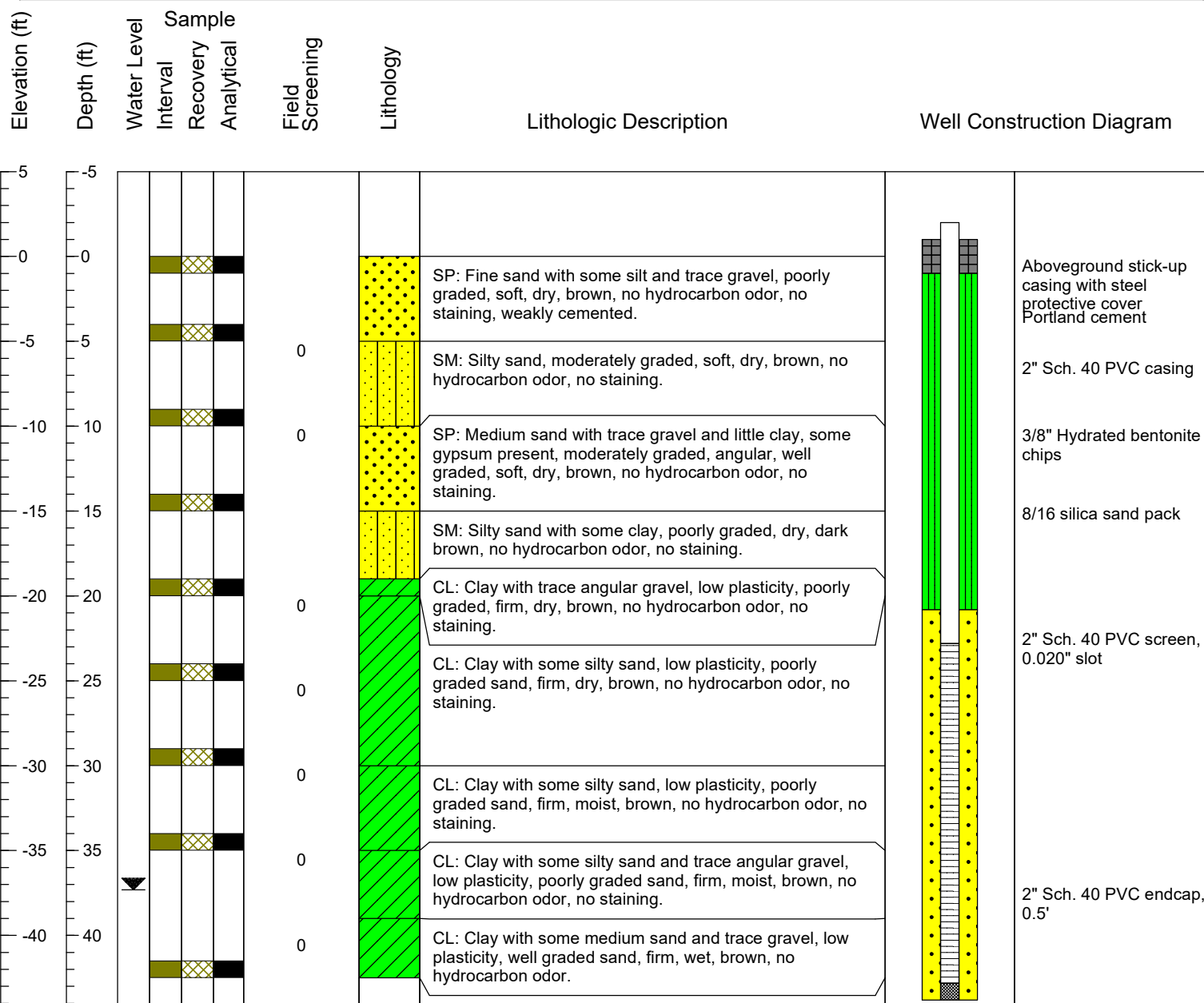
Client: SRO		TRC Project #: 450169
Site: SRO 5 State Com #506H & 507H		Start Date: 9/12/2023
Address: SRO 5 State Com #506H & 507H		Finish Date: 9/12/2023
Project: Site Assessment		Permit #: NA
Drilling Company: Talon	Drilling Crew: Zach Moody	TRC Site Rep.: Jared Stoffel
Drilling Method: Air Rotary		TRC Reviewer: Jared Stoffel
Boring Diameter (in): 6	Boring Depth (ft bgs): 37.6	Coord. System: WGS84
Sampling Method: Split-Spoon Sampler		Latitude: 32.084378
Blow Count Method: NA		Longitude: -104.102303
Field Screening Parameter: NA		Elevation Datum: NA
Meter: NA	Units: NA	Ground Elevation (ft): Not Measured
Well Depth (ft bgs): 37.6	Well Depth (ft toc): 39.6	Well Elevation (ft): Not Measured
Casing Length (ft): 29.6	Screen Length (ft): 20	Well Measuring Point: NA
Surface Completion: Aboveground stick-up casing with steel protective cover		Depth to Water (ft toc): 27.6
Well Development: Pumped and surge X gallons		Date/Time: 9/12/23 13:30





MW-6

Client: SRO	TRC Project #: 450169
Site: SRO 5 State Com #506H & 507H	Start Date: 9/12/2023
Address: SRO 5 State Com #506H & 507H	Finish Date: 9/13/2023
Project: Site Assessment	Permit #: NA
Drilling Company: Talon	Drilling Crew: Zach Moody
Drilling Method: Air Rotary	TRC Site Rep.: Jared Stoffel
Boring Diameter (in): 6	TRC Reviewer: Jared Stoffel
Boring Depth (ft bgs): 42.81	Coord. System: WGS84
Sampling Method: Split-Spoon Sampler	Latitude: 32.084144
Blow Count Method: NA	Longitude: -104.099077
Field Screening Parameter: NA	Elevation Datum: NA
Meter: NA	Ground Elevation (ft): Not Measured
Well Depth (ft bgs): 42.81	Well Elevation (ft): Not Measured
Well Depth (ft toc): 44.81	Well Measuring Point: NA
Casing Length (ft): 22.81	Depth to Water (ft toc): 37.32
Screen Length (ft): 20	Date/Time: 9/13/23
Surface Completion: Aboveground stick-up casing with steel protective cover	
Well Development: Pumped and surge X gallons	





Appendix E: Water Well Search



Appendix F: Laboratory Analytical Data



Environment Testing

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

ANALYTICAL REPORT

PREPARED FOR

Attn: Jared Stoffel
TRC Solutions, Inc.
10 Desta Drive
Suite #130E
Midland, Texas 79705

Generated 3/31/2023 12:13:17 PM

JOB DESCRIPTION

SRO S State 506/507
SDG NUMBER Loving, NM

JOB NUMBER

880-26355-1

Eurofins Midland
1211 W. Florida Ave
Midland TX 79701

Eurofins Midland

Job Notes

Analytical test results meet all requirements of the associated regulatory program (i.e., NELAC (TNI), DoD, and ISO 17025) unless otherwise noted under the individual analysis.

Authorization



Generated
3/31/2023 12:13:17 PM

Authorized for release by
Jessica Kramer, Project Manager
Jessica.Kramer@et.eurofinsus.com
(432)704-5440

Client: TRC Solutions, Inc.
Project/Site: SRO S State 506/507

Laboratory Job ID: 880-26355-1
SDG: Loving, NM

Table of Contents

Cover Page	1
Table of Contents	3
Definitions/Glossary	4
Case Narrative	5
Client Sample Results	6
Surrogate Summary	29
QC Sample Results	31
QC Association Summary	39
Lab Chronicle	46
Certification Summary	56
Method Summary	57
Sample Summary	58
Chain of Custody	59
Receipt Checklists	62

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

Definitions/Glossary

Client: TRC Solutions, Inc.
Project/Site: SRO S State 506/507

Job ID: 880-26355-1
SDG: Loving, NM

Qualifiers

GC VOA

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
F2	MS/MSD RPD exceeds control limits
S1+	Surrogate recovery exceeds control limits, high biased.
U	Indicates the analyte was analyzed for but not detected.

GC Semi VOA

Qualifier	Qualifier Description
*+	LCS and/or LCSD is outside acceptance limits, high biased.
S1+	Surrogate recovery exceeds control limits, high biased.
U	Indicates the analyte was analyzed for but not detected.

HPLC/IC

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

Glossary

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

Case Narrative

Client: TRC Solutions, Inc.
Project/Site: SRO S State 506/507

Job ID: 880-26355-1
SDG: Loving, NM

Job ID: 880-26355-1

Laboratory: Eurofins Midland

Narrative

Job Narrative
880-26355-1

Receipt

The samples were received on 3/25/2023 9:00 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 2.0°C

Receipt Exceptions

The following samples were received and analyzed from an unpreserved bulk soil jar: OB-1 (880-26355-1), OB-2 (880-26355-2), OB-3 (880-26355-3), OB-4 (880-26355-4), OB-5 (880-26355-5), OB-6 (880-26355-6), OB-7 (880-26355-7), OB-8 (880-26355-8), OB-9 (880-26355-9), OB-10 (880-26355-10), OB-11 (880-26355-11), OB-12 (880-26355-12), OB-13 (880-26355-13), TT-1a @ 0-1' (880-26355-14), TT-1a @ 2' (880-26355-15), TT-1b @ 0-1' (880-26355-16), TT-1b @ 2' (880-26355-17), TT-1c @ 0-1' (880-26355-18), TT-1c @ 2' (880-26355-19), TT-1d @ 0-1' (880-26355-20), TT-1d @ 2' (880-26355-21), TT-1e @ 0-1' (880-26355-22), TT-1e @ 2' (880-26355-23), SW-1 (880-26355-24), SW-2 (880-26355-25), FL-1 @ 16' (880-26355-26), SW-3 (880-26355-27), SW-4 (880-26355-28), Dup-1 (880-26355-29) and Dup-2 (880-26355-30).

GC VOA

Method 8021B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-49585 and analytical batch 880-49917 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 8021B: The matrix spike duplicate (MSD) recoveries for preparation batch 880-49586 and analytical batch 880-49684 were outside control limits. Non-homogeneity is suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

Method 8021B: Surrogate recovery for the following samples were outside control limits: TT-1e @ 0-1' (880-26355-22), TT-1e @ 2' (880-26355-23) and SW-3 (880-26355-27). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

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

GC Semi VOA

Method 8015MOD_NM: The laboratory control sample (LCS) associated with preparation batch 880-49566 and analytical batch 880-49557 was outside acceptance criteria. Re-extraction and/or re-analysis could not be performed; therefore, the data have been reported. The batch matrix spike/matrix spike duplicate (MS/MSD) was within acceptance limits and may be used to evaluate matrix performance.

Method 8015MOD_NM: The surrogate recovery for the blank associated with preparation batch 880-49567 and analytical batch 880-49555 was outside the upper control limits.

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

HPLC/IC

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

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: SRO S State 506/507

Job ID: 880-26355-1
SDG: Loving, NM

Client Sample ID: OB-1

Lab Sample ID: 880-26355-1

Date Collected: 03/23/23 08:00

Matrix: Solid

Date Received: 03/25/23 09:00

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U F1	0.00200	mg/Kg		03/27/23 10:12	03/30/23 11:11	1
Toluene	<0.00200	U F1	0.00200	mg/Kg		03/27/23 10:12	03/30/23 11:11	1
Ethylbenzene	<0.00200	U F1	0.00200	mg/Kg		03/27/23 10:12	03/30/23 11:11	1
m-Xylene & p-Xylene	<0.00401	U F2 F1	0.00401	mg/Kg		03/27/23 10:12	03/30/23 11:11	1
o-Xylene	<0.00200	U F1	0.00200	mg/Kg		03/27/23 10:12	03/30/23 11:11	1
Xylenes, Total	<0.00401	U F2 F1	0.00401	mg/Kg		03/27/23 10:12	03/30/23 11:11	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		70 - 130	03/27/23 10:12	03/30/23 11:11	1
1,4-Difluorobenzene (Surr)	84		70 - 130	03/27/23 10:12	03/30/23 11:11	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401	mg/Kg			03/30/23 13:39	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9	mg/Kg			03/28/23 09:22	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9	mg/Kg		03/27/23 08:30	03/27/23 11:05	1
Diesel Range Organics (Over C10-C28)	<49.9	U **	49.9	mg/Kg		03/27/23 08:30	03/27/23 11:05	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg		03/27/23 08:30	03/27/23 11:05	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	96		70 - 130	03/27/23 08:30	03/27/23 11:05	1
o-Terphenyl	94		70 - 130	03/27/23 08:30	03/27/23 11:05	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	643		24.9	mg/Kg			03/27/23 13:39	5

Client Sample ID: OB-2

Lab Sample ID: 880-26355-2

Date Collected: 03/23/23 08:05

Matrix: Solid

Date Received: 03/25/23 09:00

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199	mg/Kg		03/27/23 10:12	03/30/23 11:32	1
Toluene	<0.00199	U	0.00199	mg/Kg		03/27/23 10:12	03/30/23 11:32	1
Ethylbenzene	<0.00199	U	0.00199	mg/Kg		03/27/23 10:12	03/30/23 11:32	1
m-Xylene & p-Xylene	<0.00398	U	0.00398	mg/Kg		03/27/23 10:12	03/30/23 11:32	1
o-Xylene	<0.00199	U	0.00199	mg/Kg		03/27/23 10:12	03/30/23 11:32	1
Xylenes, Total	<0.00398	U	0.00398	mg/Kg		03/27/23 10:12	03/30/23 11:32	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	111		70 - 130	03/27/23 10:12	03/30/23 11:32	1
1,4-Difluorobenzene (Surr)	100		70 - 130	03/27/23 10:12	03/30/23 11:32	1

Eurofins Midland

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: SRO S State 506/507

Job ID: 880-26355-1
SDG: Loving, NM

Client Sample ID: OB-2

Lab Sample ID: 880-26355-2

Date Collected: 03/23/23 08:05

Matrix: Solid

Date Received: 03/25/23 09:00

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398	mg/Kg			03/30/23 13:39	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0	mg/Kg			03/28/23 09:22	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0	mg/Kg		03/27/23 08:30	03/27/23 12:12	1
Diesel Range Organics (Over C10-C28)	<50.0	U **	50.0	mg/Kg		03/27/23 08:30	03/27/23 12:12	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		03/27/23 08:30	03/27/23 12:12	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	93		70 - 130			03/27/23 08:30	03/27/23 12:12	1
o-Terphenyl	90		70 - 130			03/27/23 08:30	03/27/23 12:12	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	813		25.2	mg/Kg			03/27/23 13:53	5

Client Sample ID: OB-3

Lab Sample ID: 880-26355-3

Date Collected: 03/23/23 08:10

Matrix: Solid

Date Received: 03/25/23 09:00

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		03/27/23 10:12	03/30/23 11:52	1
Toluene	<0.00200	U	0.00200	mg/Kg		03/27/23 10:12	03/30/23 11:52	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		03/27/23 10:12	03/30/23 11:52	1
m-Xylene & p-Xylene	<0.00399	U	0.00399	mg/Kg		03/27/23 10:12	03/30/23 11:52	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		03/27/23 10:12	03/30/23 11:52	1
Xylenes, Total	<0.00399	U	0.00399	mg/Kg		03/27/23 10:12	03/30/23 11:52	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	119		70 - 130			03/27/23 10:12	03/30/23 11:52	1
1,4-Difluorobenzene (Surr)	96		70 - 130			03/27/23 10:12	03/30/23 11:52	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399	mg/Kg			03/30/23 13:39	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8	mg/Kg			03/28/23 09:22	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8	mg/Kg		03/27/23 08:30	03/27/23 12:34	1
Diesel Range Organics (Over C10-C28)	<49.8	U **	49.8	mg/Kg		03/27/23 08:30	03/27/23 12:34	1

Eurofins Midland

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: SRO S State 506/507

Job ID: 880-26355-1
SDG: Loving, NM

Client Sample ID: OB-3

Lab Sample ID: 880-26355-3

Date Collected: 03/23/23 08:10

Matrix: Solid

Date Received: 03/25/23 09:00

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.8	U	49.8	mg/Kg		03/27/23 08:30	03/27/23 12:34	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	104		70 - 130			03/27/23 08:30	03/27/23 12:34	1
o-Terphenyl	103		70 - 130			03/27/23 08:30	03/27/23 12:34	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	368		25.1	mg/Kg			03/27/23 13:57	5

Client Sample ID: OB-4

Lab Sample ID: 880-26355-4

Date Collected: 03/23/23 08:15

Matrix: Solid

Date Received: 03/25/23 09:00

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		03/27/23 10:12	03/30/23 12:13	1
Toluene	<0.00200	U	0.00200	mg/Kg		03/27/23 10:12	03/30/23 12:13	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		03/27/23 10:12	03/30/23 12:13	1
m-Xylene & p-Xylene	<0.00399	U	0.00399	mg/Kg		03/27/23 10:12	03/30/23 12:13	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		03/27/23 10:12	03/30/23 12:13	1
Xylenes, Total	<0.00399	U	0.00399	mg/Kg		03/27/23 10:12	03/30/23 12:13	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	112		70 - 130			03/27/23 10:12	03/30/23 12:13	1
1,4-Difluorobenzene (Surr)	99		70 - 130			03/27/23 10:12	03/30/23 12:13	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399	mg/Kg			03/30/23 13:39	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8	mg/Kg			03/28/23 09:22	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8	mg/Kg		03/27/23 08:30	03/27/23 12:56	1
Diesel Range Organics (Over C10-C28)	<49.8	U **	49.8	mg/Kg		03/27/23 08:30	03/27/23 12:56	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8	mg/Kg		03/27/23 08:30	03/27/23 12:56	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	96		70 - 130			03/27/23 08:30	03/27/23 12:56	1
o-Terphenyl	91		70 - 130			03/27/23 08:30	03/27/23 12:56	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	833		25.1	mg/Kg			03/27/23 14:02	5

Eurofins Midland

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: SRO S State 506/507

Job ID: 880-26355-1
SDG: Loving, NM

Client Sample ID: OB-5

Lab Sample ID: 880-26355-5

Date Collected: 03/23/23 08:20

Matrix: Solid

Date Received: 03/25/23 09:00

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199	mg/Kg		03/27/23 10:12	03/30/23 12:34	1
Toluene	<0.00199	U	0.00199	mg/Kg		03/27/23 10:12	03/30/23 12:34	1
Ethylbenzene	<0.00199	U	0.00199	mg/Kg		03/27/23 10:12	03/30/23 12:34	1
m-Xylene & p-Xylene	<0.00398	U	0.00398	mg/Kg		03/27/23 10:12	03/30/23 12:34	1
o-Xylene	<0.00199	U	0.00199	mg/Kg		03/27/23 10:12	03/30/23 12:34	1
Xylenes, Total	<0.00398	U	0.00398	mg/Kg		03/27/23 10:12	03/30/23 12:34	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	113		70 - 130	03/27/23 10:12	03/30/23 12:34	1
1,4-Difluorobenzene (Surr)	98		70 - 130	03/27/23 10:12	03/30/23 12:34	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398	mg/Kg			03/30/23 13:39	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9	mg/Kg			03/28/23 09:22	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9	mg/Kg		03/27/23 08:30	03/27/23 13:19	1
Diesel Range Organics (Over C10-C28)	<49.9	U *	49.9	mg/Kg		03/27/23 08:30	03/27/23 13:19	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg		03/27/23 08:30	03/27/23 13:19	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	89		70 - 130	03/27/23 08:30	03/27/23 13:19	1
o-Terphenyl	81		70 - 130	03/27/23 08:30	03/27/23 13:19	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	192		24.9	mg/Kg			03/27/23 14:06	5

Client Sample ID: OB-6

Lab Sample ID: 880-26355-6

Date Collected: 03/23/23 08:25

Matrix: Solid

Date Received: 03/25/23 09:00

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201	mg/Kg		03/27/23 10:12	03/30/23 12:55	1
Toluene	<0.00201	U	0.00201	mg/Kg		03/27/23 10:12	03/30/23 12:55	1
Ethylbenzene	<0.00201	U	0.00201	mg/Kg		03/27/23 10:12	03/30/23 12:55	1
m-Xylene & p-Xylene	<0.00402	U	0.00402	mg/Kg		03/27/23 10:12	03/30/23 12:55	1
o-Xylene	<0.00201	U	0.00201	mg/Kg		03/27/23 10:12	03/30/23 12:55	1
Xylenes, Total	<0.00402	U	0.00402	mg/Kg		03/27/23 10:12	03/30/23 12:55	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	120		70 - 130	03/27/23 10:12	03/30/23 12:55	1
1,4-Difluorobenzene (Surr)	102		70 - 130	03/27/23 10:12	03/30/23 12:55	1

Eurofins Midland

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: SRO S State 506/507

Job ID: 880-26355-1
SDG: Loving, NM

Client Sample ID: OB-6

Lab Sample ID: 880-26355-6

Date Collected: 03/23/23 08:25

Matrix: Solid

Date Received: 03/25/23 09:00

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402	mg/Kg			03/30/23 13:39	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8	mg/Kg			03/28/23 09:22	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8	mg/Kg		03/27/23 08:30	03/27/23 13:40	1
Diesel Range Organics (Over C10-C28)	<49.8	U **	49.8	mg/Kg		03/27/23 08:30	03/27/23 13:40	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8	mg/Kg		03/27/23 08:30	03/27/23 13:40	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	84		70 - 130			03/27/23 08:30	03/27/23 13:40	1
o-Terphenyl	81		70 - 130			03/27/23 08:30	03/27/23 13:40	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	489		24.8	mg/Kg			03/27/23 14:20	5

Client Sample ID: OB-7

Lab Sample ID: 880-26355-7

Date Collected: 03/23/23 08:30

Matrix: Solid

Date Received: 03/25/23 09:00

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		03/27/23 10:12	03/30/23 13:16	1
Toluene	<0.00200	U	0.00200	mg/Kg		03/27/23 10:12	03/30/23 13:16	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		03/27/23 10:12	03/30/23 13:16	1
m-Xylene & p-Xylene	<0.00401	U	0.00401	mg/Kg		03/27/23 10:12	03/30/23 13:16	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		03/27/23 10:12	03/30/23 13:16	1
Xylenes, Total	<0.00401	U	0.00401	mg/Kg		03/27/23 10:12	03/30/23 13:16	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	118		70 - 130			03/27/23 10:12	03/30/23 13:16	1
1,4-Difluorobenzene (Surr)	100		70 - 130			03/27/23 10:12	03/30/23 13:16	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401	mg/Kg			03/30/23 13:39	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8	mg/Kg			03/28/23 09:22	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8	mg/Kg		03/27/23 08:30	03/27/23 14:02	1
Diesel Range Organics (Over C10-C28)	<49.8	U **	49.8	mg/Kg		03/27/23 08:30	03/27/23 14:02	1

Eurofins Midland

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: SRO S State 506/507

Job ID: 880-26355-1
SDG: Loving, NM

Client Sample ID: OB-7

Lab Sample ID: 880-26355-7

Date Collected: 03/23/23 08:30

Matrix: Solid

Date Received: 03/25/23 09:00

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.8	U	49.8	mg/Kg		03/27/23 08:30	03/27/23 14:02	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	84		70 - 130			03/27/23 08:30	03/27/23 14:02	1
o-Terphenyl	80		70 - 130			03/27/23 08:30	03/27/23 14:02	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	250		25.2	mg/Kg			03/27/23 14:25	5

Client Sample ID: OB-8

Lab Sample ID: 880-26355-8

Date Collected: 03/23/23 08:35

Matrix: Solid

Date Received: 03/25/23 09:00

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199	mg/Kg		03/27/23 10:12	03/30/23 13:37	1
Toluene	<0.00199	U	0.00199	mg/Kg		03/27/23 10:12	03/30/23 13:37	1
Ethylbenzene	<0.00199	U	0.00199	mg/Kg		03/27/23 10:12	03/30/23 13:37	1
m-Xylene & p-Xylene	<0.00398	U	0.00398	mg/Kg		03/27/23 10:12	03/30/23 13:37	1
o-Xylene	<0.00199	U	0.00199	mg/Kg		03/27/23 10:12	03/30/23 13:37	1
Xylenes, Total	<0.00398	U	0.00398	mg/Kg		03/27/23 10:12	03/30/23 13:37	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	112		70 - 130			03/27/23 10:12	03/30/23 13:37	1
1,4-Difluorobenzene (Surr)	100		70 - 130			03/27/23 10:12	03/30/23 13:37	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398	mg/Kg			03/30/23 15:16	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0	mg/Kg			03/28/23 09:22	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0	mg/Kg		03/27/23 08:30	03/27/23 14:24	1
Diesel Range Organics (Over C10-C28)	<50.0	U *	50.0	mg/Kg		03/27/23 08:30	03/27/23 14:24	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		03/27/23 08:30	03/27/23 14:24	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	85		70 - 130			03/27/23 08:30	03/27/23 14:24	1
o-Terphenyl	79		70 - 130			03/27/23 08:30	03/27/23 14:24	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	333		25.0	mg/Kg			03/27/23 14:29	5

Eurofins Midland

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: SRO S State 506/507

Job ID: 880-26355-1
SDG: Loving, NM

Client Sample ID: OB-9

Lab Sample ID: 880-26355-9

Date Collected: 03/23/23 08:40

Matrix: Solid

Date Received: 03/25/23 09:00

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199	mg/Kg		03/27/23 10:12	03/30/23 13:57	1
Toluene	<0.00199	U	0.00199	mg/Kg		03/27/23 10:12	03/30/23 13:57	1
Ethylbenzene	<0.00199	U	0.00199	mg/Kg		03/27/23 10:12	03/30/23 13:57	1
m-Xylene & p-Xylene	<0.00398	U	0.00398	mg/Kg		03/27/23 10:12	03/30/23 13:57	1
o-Xylene	<0.00199	U	0.00199	mg/Kg		03/27/23 10:12	03/30/23 13:57	1
Xylenes, Total	<0.00398	U	0.00398	mg/Kg		03/27/23 10:12	03/30/23 13:57	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	114		70 - 130	03/27/23 10:12	03/30/23 13:57	1
1,4-Difluorobenzene (Surr)	97		70 - 130	03/27/23 10:12	03/30/23 13:57	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398	mg/Kg			03/30/23 15:16	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9	mg/Kg			03/28/23 09:22	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9	mg/Kg		03/27/23 08:30	03/27/23 14:46	1
Diesel Range Organics (Over C10-C28)	<49.9	U *	49.9	mg/Kg		03/27/23 08:30	03/27/23 14:46	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg		03/27/23 08:30	03/27/23 14:46	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	83		70 - 130	03/27/23 08:30	03/27/23 14:46	1
o-Terphenyl	76		70 - 130	03/27/23 08:30	03/27/23 14:46	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	525		4.96	mg/Kg			03/27/23 14:34	1

Client Sample ID: OB-10

Lab Sample ID: 880-26355-10

Date Collected: 03/23/23 08:45

Matrix: Solid

Date Received: 03/25/23 09:00

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		03/27/23 10:12	03/30/23 14:18	1
Toluene	<0.00200	U	0.00200	mg/Kg		03/27/23 10:12	03/30/23 14:18	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		03/27/23 10:12	03/30/23 14:18	1
m-Xylene & p-Xylene	<0.00399	U	0.00399	mg/Kg		03/27/23 10:12	03/30/23 14:18	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		03/27/23 10:12	03/30/23 14:18	1
Xylenes, Total	<0.00399	U	0.00399	mg/Kg		03/27/23 10:12	03/30/23 14:18	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	112		70 - 130	03/27/23 10:12	03/30/23 14:18	1
1,4-Difluorobenzene (Surr)	95		70 - 130	03/27/23 10:12	03/30/23 14:18	1

Eurofins Midland

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: SRO S State 506/507

Job ID: 880-26355-1
SDG: Loving, NM

Client Sample ID: OB-10

Lab Sample ID: 880-26355-10

Date Collected: 03/23/23 08:45

Matrix: Solid

Date Received: 03/25/23 09:00

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399	mg/Kg			03/30/23 15:16	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0	mg/Kg			03/28/23 09:22	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0	mg/Kg		03/27/23 08:30	03/27/23 15:08	1
Diesel Range Organics (Over C10-C28)	<50.0	U **	50.0	mg/Kg		03/27/23 08:30	03/27/23 15:08	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		03/27/23 08:30	03/27/23 15:08	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	86		70 - 130			03/27/23 08:30	03/27/23 15:08	1
o-Terphenyl	76		70 - 130			03/27/23 08:30	03/27/23 15:08	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	304		25.3	mg/Kg			03/27/23 14:38	5

Client Sample ID: OB-11

Lab Sample ID: 880-26355-11

Date Collected: 03/23/23 08:50

Matrix: Solid

Date Received: 03/25/23 09:00

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201	mg/Kg		03/27/23 10:12	03/30/23 15:57	1
Toluene	<0.00201	U	0.00201	mg/Kg		03/27/23 10:12	03/30/23 15:57	1
Ethylbenzene	<0.00201	U	0.00201	mg/Kg		03/27/23 10:12	03/30/23 15:57	1
m-Xylene & p-Xylene	<0.00402	U	0.00402	mg/Kg		03/27/23 10:12	03/30/23 15:57	1
o-Xylene	<0.00201	U	0.00201	mg/Kg		03/27/23 10:12	03/30/23 15:57	1
Xylenes, Total	<0.00402	U	0.00402	mg/Kg		03/27/23 10:12	03/30/23 15:57	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	110		70 - 130			03/27/23 10:12	03/30/23 15:57	1
1,4-Difluorobenzene (Surr)	91		70 - 130			03/27/23 10:12	03/30/23 15:57	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402	mg/Kg			03/31/23 12:22	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0	mg/Kg			03/28/23 09:22	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0	mg/Kg		03/27/23 08:30	03/27/23 15:53	1
Diesel Range Organics (Over C10-C28)	<50.0	U **	50.0	mg/Kg		03/27/23 08:30	03/27/23 15:53	1

Eurofins Midland

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: SRO S State 506/507

Job ID: 880-26355-1
SDG: Loving, NM

Client Sample ID: OB-11

Lab Sample ID: 880-26355-11

Date Collected: 03/23/23 08:50

Matrix: Solid

Date Received: 03/25/23 09:00

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		03/27/23 08:30	03/27/23 15:53	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	74		70 - 130			03/27/23 08:30	03/27/23 15:53	1
o-Terphenyl	73		70 - 130			03/27/23 08:30	03/27/23 15:53	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	775		25.1	mg/Kg			03/27/23 14:43	5

Client Sample ID: OB-12

Lab Sample ID: 880-26355-12

Date Collected: 03/23/23 08:55

Matrix: Solid

Date Received: 03/25/23 09:00

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		03/27/23 10:12	03/30/23 16:18	1
Toluene	<0.00200	U	0.00200	mg/Kg		03/27/23 10:12	03/30/23 16:18	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		03/27/23 10:12	03/30/23 16:18	1
m-Xylene & p-Xylene	<0.00401	U	0.00401	mg/Kg		03/27/23 10:12	03/30/23 16:18	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		03/27/23 10:12	03/30/23 16:18	1
Xylenes, Total	<0.00401	U	0.00401	mg/Kg		03/27/23 10:12	03/30/23 16:18	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	112		70 - 130			03/27/23 10:12	03/30/23 16:18	1
1,4-Difluorobenzene (Surr)	98		70 - 130			03/27/23 10:12	03/30/23 16:18	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401	mg/Kg			03/31/23 12:22	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8	mg/Kg			03/28/23 09:22	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8	mg/Kg		03/27/23 08:30	03/27/23 16:15	1
Diesel Range Organics (Over C10-C28)	<49.8	U **	49.8	mg/Kg		03/27/23 08:30	03/27/23 16:15	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8	mg/Kg		03/27/23 08:30	03/27/23 16:15	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	95		70 - 130			03/27/23 08:30	03/27/23 16:15	1
o-Terphenyl	88		70 - 130			03/27/23 08:30	03/27/23 16:15	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	486		24.9	mg/Kg			03/27/23 14:57	5

Eurofins Midland

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: SRO S State 506/507

Job ID: 880-26355-1
SDG: Loving, NM

Client Sample ID: OB-13

Lab Sample ID: 880-26355-13

Date Collected: 03/23/23 09:00

Matrix: Solid

Date Received: 03/25/23 09:00

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199	mg/Kg		03/27/23 10:12	03/30/23 16:39	1
Toluene	<0.00199	U	0.00199	mg/Kg		03/27/23 10:12	03/30/23 16:39	1
Ethylbenzene	<0.00199	U	0.00199	mg/Kg		03/27/23 10:12	03/30/23 16:39	1
m-Xylene & p-Xylene	<0.00398	U	0.00398	mg/Kg		03/27/23 10:12	03/30/23 16:39	1
o-Xylene	<0.00199	U	0.00199	mg/Kg		03/27/23 10:12	03/30/23 16:39	1
Xylenes, Total	<0.00398	U	0.00398	mg/Kg		03/27/23 10:12	03/30/23 16:39	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	92		70 - 130	03/27/23 10:12	03/30/23 16:39	1
1,4-Difluorobenzene (Surr)	79		70 - 130	03/27/23 10:12	03/30/23 16:39	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398	mg/Kg			03/31/23 12:22	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9	mg/Kg			03/28/23 09:22	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9	mg/Kg		03/27/23 08:30	03/27/23 16:37	1
Diesel Range Organics (Over C10-C28)	<49.9	U *	49.9	mg/Kg		03/27/23 08:30	03/27/23 16:37	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg		03/27/23 08:30	03/27/23 16:37	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	91		70 - 130	03/27/23 08:30	03/27/23 16:37	1
o-Terphenyl	86		70 - 130	03/27/23 08:30	03/27/23 16:37	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	510		24.9	mg/Kg			03/27/23 15:01	5

Client Sample ID: TT-1a @ 0-1'

Lab Sample ID: 880-26355-14

Date Collected: 03/23/23 10:00

Matrix: Solid

Date Received: 03/25/23 09:00

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199	mg/Kg		03/27/23 10:12	03/30/23 16:59	1
Toluene	<0.00199	U	0.00199	mg/Kg		03/27/23 10:12	03/30/23 16:59	1
Ethylbenzene	<0.00199	U	0.00199	mg/Kg		03/27/23 10:12	03/30/23 16:59	1
m-Xylene & p-Xylene	<0.00398	U	0.00398	mg/Kg		03/27/23 10:12	03/30/23 16:59	1
o-Xylene	<0.00199	U	0.00199	mg/Kg		03/27/23 10:12	03/30/23 16:59	1
Xylenes, Total	<0.00398	U	0.00398	mg/Kg		03/27/23 10:12	03/30/23 16:59	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	107		70 - 130	03/27/23 10:12	03/30/23 16:59	1
1,4-Difluorobenzene (Surr)	92		70 - 130	03/27/23 10:12	03/30/23 16:59	1

Eurofins Midland

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: SRO S State 506/507

Job ID: 880-26355-1
SDG: Loving, NM

Client Sample ID: TT-1a @ 0-1'

Lab Sample ID: 880-26355-14

Date Collected: 03/23/23 10:00

Matrix: Solid

Date Received: 03/25/23 09:00

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398	mg/Kg			03/31/23 12:22	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8	mg/Kg			03/28/23 09:22	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8	mg/Kg		03/27/23 08:30	03/27/23 17:06	1
Diesel Range Organics (Over C10-C28)	<49.8	U **	49.8	mg/Kg		03/27/23 08:30	03/27/23 17:06	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8	mg/Kg		03/27/23 08:30	03/27/23 17:06	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	85		70 - 130			03/27/23 08:30	03/27/23 17:06	1
o-Terphenyl	81		70 - 130			03/27/23 08:30	03/27/23 17:06	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	7.61		5.01	mg/Kg			03/27/23 15:15	1

Client Sample ID: TT-1a @ 2'

Lab Sample ID: 880-26355-15

Date Collected: 03/23/23 10:10

Matrix: Solid

Date Received: 03/25/23 09:00

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198	mg/Kg		03/27/23 10:12	03/30/23 17:20	1
Toluene	<0.00198	U	0.00198	mg/Kg		03/27/23 10:12	03/30/23 17:20	1
Ethylbenzene	<0.00198	U	0.00198	mg/Kg		03/27/23 10:12	03/30/23 17:20	1
m-Xylene & p-Xylene	<0.00396	U	0.00396	mg/Kg		03/27/23 10:12	03/30/23 17:20	1
o-Xylene	<0.00198	U	0.00198	mg/Kg		03/27/23 10:12	03/30/23 17:20	1
Xylenes, Total	<0.00396	U	0.00396	mg/Kg		03/27/23 10:12	03/30/23 17:20	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	110		70 - 130			03/27/23 10:12	03/30/23 17:20	1
1,4-Difluorobenzene (Surr)	97		70 - 130			03/27/23 10:12	03/30/23 17:20	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396	mg/Kg			03/31/23 12:22	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0	mg/Kg			03/28/23 09:22	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0	mg/Kg		03/27/23 08:30	03/27/23 17:28	1
Diesel Range Organics (Over C10-C28)	<50.0	U **	50.0	mg/Kg		03/27/23 08:30	03/27/23 17:28	1

Eurofins Midland

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: SRO S State 506/507

Job ID: 880-26355-1
SDG: Loving, NM

Client Sample ID: TT-1a @ 2'

Lab Sample ID: 880-26355-15

Date Collected: 03/23/23 10:10

Matrix: Solid

Date Received: 03/25/23 09:00

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		03/27/23 08:30	03/27/23 17:28	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	85		70 - 130			03/27/23 08:30	03/27/23 17:28	1
o-Terphenyl	79		70 - 130			03/27/23 08:30	03/27/23 17:28	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00	mg/Kg			03/27/23 15:19	1

Client Sample ID: TT-1b @ 0-1'

Lab Sample ID: 880-26355-16

Date Collected: 03/23/23 10:20

Matrix: Solid

Date Received: 03/25/23 09:00

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		03/27/23 10:12	03/30/23 17:41	1
Toluene	<0.00200	U	0.00200	mg/Kg		03/27/23 10:12	03/30/23 17:41	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		03/27/23 10:12	03/30/23 17:41	1
m-Xylene & p-Xylene	<0.00399	U	0.00399	mg/Kg		03/27/23 10:12	03/30/23 17:41	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		03/27/23 10:12	03/30/23 17:41	1
Xylenes, Total	<0.00399	U	0.00399	mg/Kg		03/27/23 10:12	03/30/23 17:41	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	113		70 - 130			03/27/23 10:12	03/30/23 17:41	1
1,4-Difluorobenzene (Surr)	97		70 - 130			03/27/23 10:12	03/30/23 17:41	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399	mg/Kg			03/31/23 12:22	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8	mg/Kg			03/28/23 09:22	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8	mg/Kg		03/27/23 08:30	03/27/23 17:50	1
Diesel Range Organics (Over C10-C28)	<49.8	U **	49.8	mg/Kg		03/27/23 08:30	03/27/23 17:50	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8	mg/Kg		03/27/23 08:30	03/27/23 17:50	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	81		70 - 130			03/27/23 08:30	03/27/23 17:50	1
o-Terphenyl	80		70 - 130			03/27/23 08:30	03/27/23 17:50	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1190		25.0	mg/Kg			03/27/23 15:24	5

Eurofins Midland

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: SRO S State 506/507

Job ID: 880-26355-1
SDG: Loving, NM

Client Sample ID: TT-1b @ 2'

Lab Sample ID: 880-26355-17

Date Collected: 03/23/23 10:30

Matrix: Solid

Date Received: 03/25/23 09:00

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201	mg/Kg		03/27/23 10:12	03/30/23 18:02	1
Toluene	<0.00201	U	0.00201	mg/Kg		03/27/23 10:12	03/30/23 18:02	1
Ethylbenzene	<0.00201	U	0.00201	mg/Kg		03/27/23 10:12	03/30/23 18:02	1
m-Xylene & p-Xylene	<0.00402	U	0.00402	mg/Kg		03/27/23 10:12	03/30/23 18:02	1
o-Xylene	<0.00201	U	0.00201	mg/Kg		03/27/23 10:12	03/30/23 18:02	1
Xylenes, Total	<0.00402	U	0.00402	mg/Kg		03/27/23 10:12	03/30/23 18:02	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	119		70 - 130	03/27/23 10:12	03/30/23 18:02	1
1,4-Difluorobenzene (Surr)	100		70 - 130	03/27/23 10:12	03/30/23 18:02	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402	mg/Kg			03/31/23 12:22	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0	mg/Kg			03/28/23 09:22	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0	mg/Kg		03/27/23 08:30	03/27/23 18:12	1
Diesel Range Organics (Over C10-C28)	<50.0	U *	50.0	mg/Kg		03/27/23 08:30	03/27/23 18:12	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		03/27/23 08:30	03/27/23 18:12	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	96		70 - 130	03/27/23 08:30	03/27/23 18:12	1
o-Terphenyl	93		70 - 130	03/27/23 08:30	03/27/23 18:12	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	488		4.99	mg/Kg			03/27/23 15:29	1

Client Sample ID: TT-1c @ 0-1'

Lab Sample ID: 880-26355-18

Date Collected: 03/23/23 10:40

Matrix: Solid

Date Received: 03/25/23 09:00

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		03/27/23 10:12	03/30/23 18:22	1
Toluene	<0.00200	U	0.00200	mg/Kg		03/27/23 10:12	03/30/23 18:22	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		03/27/23 10:12	03/30/23 18:22	1
m-Xylene & p-Xylene	<0.00401	U	0.00401	mg/Kg		03/27/23 10:12	03/30/23 18:22	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		03/27/23 10:12	03/30/23 18:22	1
Xylenes, Total	<0.00401	U	0.00401	mg/Kg		03/27/23 10:12	03/30/23 18:22	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	108		70 - 130	03/27/23 10:12	03/30/23 18:22	1
1,4-Difluorobenzene (Surr)	96		70 - 130	03/27/23 10:12	03/30/23 18:22	1

Eurofins Midland

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: SRO S State 506/507

Job ID: 880-26355-1
SDG: Loving, NM

Client Sample ID: TT-1c @ 0-1'

Lab Sample ID: 880-26355-18

Date Collected: 03/23/23 10:40

Matrix: Solid

Date Received: 03/25/23 09:00

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401	mg/Kg			03/31/23 12:22	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9	mg/Kg			03/28/23 09:22	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9	mg/Kg		03/27/23 08:30	03/27/23 18:34	1
Diesel Range Organics (Over C10-C28)	<49.9	U **	49.9	mg/Kg		03/27/23 08:30	03/27/23 18:34	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg		03/27/23 08:30	03/27/23 18:34	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	96		70 - 130			03/27/23 08:30	03/27/23 18:34	1
o-Terphenyl	94		70 - 130			03/27/23 08:30	03/27/23 18:34	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	12.8		4.98	mg/Kg			03/27/23 15:33	1

Client Sample ID: TT-1c @ 2'

Lab Sample ID: 880-26355-19

Date Collected: 03/23/23 10:50

Matrix: Solid

Date Received: 03/25/23 09:00

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199	mg/Kg		03/27/23 10:12	03/30/23 18:43	1
Toluene	<0.00199	U	0.00199	mg/Kg		03/27/23 10:12	03/30/23 18:43	1
Ethylbenzene	<0.00199	U	0.00199	mg/Kg		03/27/23 10:12	03/30/23 18:43	1
m-Xylene & p-Xylene	<0.00398	U	0.00398	mg/Kg		03/27/23 10:12	03/30/23 18:43	1
o-Xylene	<0.00199	U	0.00199	mg/Kg		03/27/23 10:12	03/30/23 18:43	1
Xylenes, Total	<0.00398	U	0.00398	mg/Kg		03/27/23 10:12	03/30/23 18:43	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	122		70 - 130			03/27/23 10:12	03/30/23 18:43	1
1,4-Difluorobenzene (Surr)	106		70 - 130			03/27/23 10:12	03/30/23 18:43	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398	mg/Kg			03/31/23 12:22	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9	mg/Kg			03/28/23 09:22	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9	mg/Kg		03/27/23 08:30	03/27/23 18:56	1
Diesel Range Organics (Over C10-C28)	<49.9	U **	49.9	mg/Kg		03/27/23 08:30	03/27/23 18:56	1

Eurofins Midland

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: SRO S State 506/507

Job ID: 880-26355-1
SDG: Loving, NM

Client Sample ID: TT-1c @ 2'

Lab Sample ID: 880-26355-19

Date Collected: 03/23/23 10:50

Matrix: Solid

Date Received: 03/25/23 09:00

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg		03/27/23 08:30	03/27/23 18:56	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	94		70 - 130			03/27/23 08:30	03/27/23 18:56	1
o-Terphenyl	91		70 - 130			03/27/23 08:30	03/27/23 18:56	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	86.3		5.03	mg/Kg			03/27/23 15:38	1

Client Sample ID: TT-1d @ 0-1'

Lab Sample ID: 880-26355-20

Date Collected: 03/23/23 11:00

Matrix: Solid

Date Received: 03/25/23 09:00

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199	mg/Kg		03/27/23 10:12	03/30/23 19:04	1
Toluene	<0.00199	U	0.00199	mg/Kg		03/27/23 10:12	03/30/23 19:04	1
Ethylbenzene	<0.00199	U	0.00199	mg/Kg		03/27/23 10:12	03/30/23 19:04	1
m-Xylene & p-Xylene	<0.00398	U	0.00398	mg/Kg		03/27/23 10:12	03/30/23 19:04	1
o-Xylene	<0.00199	U	0.00199	mg/Kg		03/27/23 10:12	03/30/23 19:04	1
Xylenes, Total	<0.00398	U	0.00398	mg/Kg		03/27/23 10:12	03/30/23 19:04	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	118		70 - 130			03/27/23 10:12	03/30/23 19:04	1
1,4-Difluorobenzene (Surr)	101		70 - 130			03/27/23 10:12	03/30/23 19:04	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398	mg/Kg			03/31/23 12:22	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0	mg/Kg			03/28/23 09:22	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0	mg/Kg		03/27/23 08:30	03/27/23 19:18	1
Diesel Range Organics (Over C10-C28)	<50.0	U *	50.0	mg/Kg		03/27/23 08:30	03/27/23 19:18	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		03/27/23 08:30	03/27/23 19:18	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	79		70 - 130			03/27/23 08:30	03/27/23 19:18	1
o-Terphenyl	80		70 - 130			03/27/23 08:30	03/27/23 19:18	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	15.4		4.98	mg/Kg			03/27/23 15:42	1

Eurofins Midland

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: SRO S State 506/507

Job ID: 880-26355-1
SDG: Loving, NM

Client Sample ID: TT-1d @ 2'

Lab Sample ID: 880-26355-21

Date Collected: 03/23/23 11:10

Matrix: Solid

Date Received: 03/25/23 09:00

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		03/27/23 10:15	03/28/23 23:06	1
Toluene	<0.00200	U	0.00200	mg/Kg		03/27/23 10:15	03/28/23 23:06	1
Ethylbenzene	<0.00200	U F1	0.00200	mg/Kg		03/27/23 10:15	03/28/23 23:06	1
m-Xylene & p-Xylene	<0.00401	U F1	0.00401	mg/Kg		03/27/23 10:15	03/28/23 23:06	1
o-Xylene	<0.00200	U F1	0.00200	mg/Kg		03/27/23 10:15	03/28/23 23:06	1
Xylenes, Total	<0.00401	U F1	0.00401	mg/Kg		03/27/23 10:15	03/28/23 23:06	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	98		70 - 130	03/27/23 10:15	03/28/23 23:06	1
1,4-Difluorobenzene (Surr)	98		70 - 130	03/27/23 10:15	03/28/23 23:06	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401	mg/Kg			03/29/23 09:39	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0	mg/Kg			03/27/23 17:36	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0	mg/Kg		03/27/23 08:36	03/27/23 11:05	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		03/27/23 08:36	03/27/23 11:05	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		03/27/23 08:36	03/27/23 11:05	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	113		70 - 130	03/27/23 08:36	03/27/23 11:05	1
o-Terphenyl	124		70 - 130	03/27/23 08:36	03/27/23 11:05	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	6.32		4.98	mg/Kg			03/27/23 13:39	1

Client Sample ID: TT-1e @ 0-1'

Lab Sample ID: 880-26355-22

Date Collected: 03/23/23 11:20

Matrix: Solid

Date Received: 03/25/23 09:00

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199	mg/Kg		03/27/23 10:15	03/28/23 23:27	1
Toluene	<0.00199	U	0.00199	mg/Kg		03/27/23 10:15	03/28/23 23:27	1
Ethylbenzene	<0.00199	U	0.00199	mg/Kg		03/27/23 10:15	03/28/23 23:27	1
m-Xylene & p-Xylene	<0.00398	U	0.00398	mg/Kg		03/27/23 10:15	03/28/23 23:27	1
o-Xylene	<0.00199	U	0.00199	mg/Kg		03/27/23 10:15	03/28/23 23:27	1
Xylenes, Total	<0.00398	U	0.00398	mg/Kg		03/27/23 10:15	03/28/23 23:27	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	140	S1+	70 - 130	03/27/23 10:15	03/28/23 23:27	1
1,4-Difluorobenzene (Surr)	94		70 - 130	03/27/23 10:15	03/28/23 23:27	1

Eurofins Midland

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: SRO S State 506/507

Job ID: 880-26355-1
SDG: Loving, NM

Client Sample ID: TT-1e @ 0-1'

Lab Sample ID: 880-26355-22

Date Collected: 03/23/23 11:20

Matrix: Solid

Date Received: 03/25/23 09:00

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398	mg/Kg			03/29/23 09:39	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0	mg/Kg			03/27/23 17:36	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0	mg/Kg		03/27/23 08:36	03/27/23 12:12	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		03/27/23 08:36	03/27/23 12:12	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		03/27/23 08:36	03/27/23 12:12	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	115		70 - 130			03/27/23 08:36	03/27/23 12:12	1
o-Terphenyl	128		70 - 130			03/27/23 08:36	03/27/23 12:12	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	13.4		5.00	mg/Kg			03/27/23 13:44	1

Client Sample ID: TT-1e @ 2'

Lab Sample ID: 880-26355-23

Date Collected: 03/23/23 11:30

Matrix: Solid

Date Received: 03/25/23 09:00

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		03/27/23 10:15	03/28/23 23:47	1
Toluene	<0.00200	U	0.00200	mg/Kg		03/27/23 10:15	03/28/23 23:47	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		03/27/23 10:15	03/28/23 23:47	1
m-Xylene & p-Xylene	<0.00399	U	0.00399	mg/Kg		03/27/23 10:15	03/28/23 23:47	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		03/27/23 10:15	03/28/23 23:47	1
Xylenes, Total	<0.00399	U	0.00399	mg/Kg		03/27/23 10:15	03/28/23 23:47	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	140	S1+	70 - 130			03/27/23 10:15	03/28/23 23:47	1
1,4-Difluorobenzene (Surr)	125		70 - 130			03/27/23 10:15	03/28/23 23:47	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399	mg/Kg			03/29/23 09:39	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9	mg/Kg			03/27/23 17:36	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9	mg/Kg		03/27/23 08:36	03/27/23 12:34	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9	mg/Kg		03/27/23 08:36	03/27/23 12:34	1

Eurofins Midland

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: SRO S State 506/507

Job ID: 880-26355-1
SDG: Loving, NM

Client Sample ID: TT-1e @ 2'

Lab Sample ID: 880-26355-23

Date Collected: 03/23/23 11:30

Matrix: Solid

Date Received: 03/25/23 09:00

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg		03/27/23 08:36	03/27/23 12:34	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	96		70 - 130			03/27/23 08:36	03/27/23 12:34	1
o-Terphenyl	110		70 - 130			03/27/23 08:36	03/27/23 12:34	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	12.9		5.05	mg/Kg			03/27/23 13:58	1

Client Sample ID: SW-1

Lab Sample ID: 880-26355-24

Date Collected: 03/23/23 11:40

Matrix: Solid

Date Received: 03/25/23 09:00

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		03/27/23 10:15	03/29/23 00:08	1
Toluene	<0.00200	U	0.00200	mg/Kg		03/27/23 10:15	03/29/23 00:08	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		03/27/23 10:15	03/29/23 00:08	1
m-Xylene & p-Xylene	<0.00399	U	0.00399	mg/Kg		03/27/23 10:15	03/29/23 00:08	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		03/27/23 10:15	03/29/23 00:08	1
Xylenes, Total	<0.00399	U	0.00399	mg/Kg		03/27/23 10:15	03/29/23 00:08	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	98		70 - 130			03/27/23 10:15	03/29/23 00:08	1
1,4-Difluorobenzene (Surr)	95		70 - 130			03/27/23 10:15	03/29/23 00:08	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399	mg/Kg			03/29/23 09:39	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9	mg/Kg			03/27/23 17:36	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9	mg/Kg		03/27/23 08:36	03/27/23 12:56	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9	mg/Kg		03/27/23 08:36	03/27/23 12:56	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg		03/27/23 08:36	03/27/23 12:56	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	112		70 - 130			03/27/23 08:36	03/27/23 12:56	1
o-Terphenyl	122		70 - 130			03/27/23 08:36	03/27/23 12:56	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	442		5.02	mg/Kg			03/27/23 14:03	1

Eurofins Midland

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: SRO S State 506/507

Job ID: 880-26355-1
SDG: Loving, NM

Client Sample ID: SW-2

Lab Sample ID: 880-26355-25

Date Collected: 03/23/23 11:50

Matrix: Solid

Date Received: 03/25/23 09:00

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199	mg/Kg		03/27/23 10:15	03/29/23 00:28	1
Toluene	<0.00199	U	0.00199	mg/Kg		03/27/23 10:15	03/29/23 00:28	1
Ethylbenzene	<0.00199	U	0.00199	mg/Kg		03/27/23 10:15	03/29/23 00:28	1
m-Xylene & p-Xylene	<0.00398	U	0.00398	mg/Kg		03/27/23 10:15	03/29/23 00:28	1
o-Xylene	<0.00199	U	0.00199	mg/Kg		03/27/23 10:15	03/29/23 00:28	1
Xylenes, Total	<0.00398	U	0.00398	mg/Kg		03/27/23 10:15	03/29/23 00:28	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		70 - 130	03/27/23 10:15	03/29/23 00:28	1
1,4-Difluorobenzene (Surr)	83		70 - 130	03/27/23 10:15	03/29/23 00:28	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398	mg/Kg			03/29/23 09:39	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8	mg/Kg			03/27/23 17:36	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8	mg/Kg		03/27/23 08:36	03/27/23 13:19	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8	mg/Kg		03/27/23 08:36	03/27/23 13:19	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8	mg/Kg		03/27/23 08:36	03/27/23 13:19	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	109		70 - 130	03/27/23 08:36	03/27/23 13:19	1
o-Terphenyl	119		70 - 130	03/27/23 08:36	03/27/23 13:19	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	398		5.00	mg/Kg			03/27/23 14:08	1

Client Sample ID: FL-1 @ 16'

Lab Sample ID: 880-26355-26

Date Collected: 03/24/23 08:00

Matrix: Solid

Date Received: 03/25/23 09:00

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201	mg/Kg		03/27/23 10:15	03/29/23 00:49	1
Toluene	<0.00201	U	0.00201	mg/Kg		03/27/23 10:15	03/29/23 00:49	1
Ethylbenzene	<0.00201	U	0.00201	mg/Kg		03/27/23 10:15	03/29/23 00:49	1
m-Xylene & p-Xylene	<0.00402	U	0.00402	mg/Kg		03/27/23 10:15	03/29/23 00:49	1
o-Xylene	<0.00201	U	0.00201	mg/Kg		03/27/23 10:15	03/29/23 00:49	1
Xylenes, Total	<0.00402	U	0.00402	mg/Kg		03/27/23 10:15	03/29/23 00:49	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	91		70 - 130	03/27/23 10:15	03/29/23 00:49	1
1,4-Difluorobenzene (Surr)	101		70 - 130	03/27/23 10:15	03/29/23 00:49	1

Eurofins Midland

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: SRO S State 506/507

Job ID: 880-26355-1
SDG: Loving, NM

Client Sample ID: FL-1 @ 16'

Lab Sample ID: 880-26355-26

Date Collected: 03/24/23 08:00

Matrix: Solid

Date Received: 03/25/23 09:00

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402	mg/Kg			03/29/23 09:39	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8	mg/Kg			03/27/23 17:36	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8	mg/Kg		03/27/23 08:36	03/27/23 13:40	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8	mg/Kg		03/27/23 08:36	03/27/23 13:40	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8	mg/Kg		03/27/23 08:36	03/27/23 13:40	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	97		70 - 130			03/27/23 08:36	03/27/23 13:40	1
o-Terphenyl	103		70 - 130			03/27/23 08:36	03/27/23 13:40	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	104		4.97	mg/Kg			03/27/23 14:13	1

Client Sample ID: SW-3

Lab Sample ID: 880-26355-27

Date Collected: 03/24/23 12:00

Matrix: Solid

Date Received: 03/25/23 09:00

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202	mg/Kg		03/27/23 10:15	03/29/23 01:09	1
Toluene	<0.00202	U	0.00202	mg/Kg		03/27/23 10:15	03/29/23 01:09	1
Ethylbenzene	<0.00202	U	0.00202	mg/Kg		03/27/23 10:15	03/29/23 01:09	1
m-Xylene & p-Xylene	<0.00404	U	0.00404	mg/Kg		03/27/23 10:15	03/29/23 01:09	1
o-Xylene	<0.00202	U	0.00202	mg/Kg		03/27/23 10:15	03/29/23 01:09	1
Xylenes, Total	<0.00404	U	0.00404	mg/Kg		03/27/23 10:15	03/29/23 01:09	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	140	S1+	70 - 130			03/27/23 10:15	03/29/23 01:09	1
1,4-Difluorobenzene (Surr)	109		70 - 130			03/27/23 10:15	03/29/23 01:09	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404	mg/Kg			03/29/23 09:39	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9	mg/Kg			03/27/23 17:36	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9	mg/Kg		03/27/23 08:36	03/27/23 14:02	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9	mg/Kg		03/27/23 08:36	03/27/23 14:02	1

Eurofins Midland

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: SRO S State 506/507

Job ID: 880-26355-1
SDG: Loving, NM

Client Sample ID: SW-3

Lab Sample ID: 880-26355-27

Date Collected: 03/24/23 12:00

Matrix: Solid

Date Received: 03/25/23 09:00

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg		03/27/23 08:36	03/27/23 14:02	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	98		70 - 130			03/27/23 08:36	03/27/23 14:02	1
o-Terphenyl	109		70 - 130			03/27/23 08:36	03/27/23 14:02	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	123		4.99	mg/Kg			03/27/23 14:18	1

Client Sample ID: SW-4

Lab Sample ID: 880-26355-28

Date Collected: 03/24/23 12:10

Matrix: Solid

Date Received: 03/25/23 09:00

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199	mg/Kg		03/27/23 10:15	03/29/23 01:30	1
Toluene	<0.00199	U	0.00199	mg/Kg		03/27/23 10:15	03/29/23 01:30	1
Ethylbenzene	<0.00199	U	0.00199	mg/Kg		03/27/23 10:15	03/29/23 01:30	1
m-Xylene & p-Xylene	<0.00398	U	0.00398	mg/Kg		03/27/23 10:15	03/29/23 01:30	1
o-Xylene	<0.00199	U	0.00199	mg/Kg		03/27/23 10:15	03/29/23 01:30	1
Xylenes, Total	<0.00398	U	0.00398	mg/Kg		03/27/23 10:15	03/29/23 01:30	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	98		70 - 130			03/27/23 10:15	03/29/23 01:30	1
1,4-Difluorobenzene (Surr)	87		70 - 130			03/27/23 10:15	03/29/23 01:30	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398	mg/Kg			03/29/23 09:39	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8	mg/Kg			03/27/23 17:36	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8	mg/Kg		03/27/23 08:36	03/27/23 14:24	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8	mg/Kg		03/27/23 08:36	03/27/23 14:24	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8	mg/Kg		03/27/23 08:36	03/27/23 14:24	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	95		70 - 130			03/27/23 08:36	03/27/23 14:24	1
o-Terphenyl	103		70 - 130			03/27/23 08:36	03/27/23 14:24	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	113		5.03	mg/Kg			03/27/23 14:22	1

Eurofins Midland

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: SRO S State 506/507

Job ID: 880-26355-1
SDG: Loving, NM

Client Sample ID: Dup-1

Lab Sample ID: 880-26355-29

Date Collected: 03/24/23 00:00

Matrix: Solid

Date Received: 03/25/23 09:00

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199	mg/Kg		03/27/23 10:15	03/29/23 01:50	1
Toluene	<0.00199	U	0.00199	mg/Kg		03/27/23 10:15	03/29/23 01:50	1
Ethylbenzene	<0.00199	U	0.00199	mg/Kg		03/27/23 10:15	03/29/23 01:50	1
m-Xylene & p-Xylene	<0.00398	U	0.00398	mg/Kg		03/27/23 10:15	03/29/23 01:50	1
o-Xylene	<0.00199	U	0.00199	mg/Kg		03/27/23 10:15	03/29/23 01:50	1
Xylenes, Total	<0.00398	U	0.00398	mg/Kg		03/27/23 10:15	03/29/23 01:50	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	113		70 - 130	03/27/23 10:15	03/29/23 01:50	1
1,4-Difluorobenzene (Surr)	108		70 - 130	03/27/23 10:15	03/29/23 01:50	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398	mg/Kg			03/29/23 09:39	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0	mg/Kg			03/27/23 17:36	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0	mg/Kg		03/27/23 08:36	03/27/23 14:46	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		03/27/23 08:36	03/27/23 14:46	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		03/27/23 08:36	03/27/23 14:46	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	96		70 - 130	03/27/23 08:36	03/27/23 14:46	1
o-Terphenyl	105		70 - 130	03/27/23 08:36	03/27/23 14:46	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	104		4.98	mg/Kg			03/27/23 14:37	1

Client Sample ID: Dup-2

Lab Sample ID: 880-26355-30

Date Collected: 03/24/23 00:00

Matrix: Solid

Date Received: 03/25/23 09:00

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		03/27/23 10:15	03/29/23 02:10	1
Toluene	<0.00200	U	0.00200	mg/Kg		03/27/23 10:15	03/29/23 02:10	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		03/27/23 10:15	03/29/23 02:10	1
m-Xylene & p-Xylene	<0.00399	U	0.00399	mg/Kg		03/27/23 10:15	03/29/23 02:10	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		03/27/23 10:15	03/29/23 02:10	1
Xylenes, Total	<0.00399	U	0.00399	mg/Kg		03/27/23 10:15	03/29/23 02:10	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	88		70 - 130	03/27/23 10:15	03/29/23 02:10	1
1,4-Difluorobenzene (Surr)	90		70 - 130	03/27/23 10:15	03/29/23 02:10	1

Eurofins Midland

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: SRO S State 506/507

Job ID: 880-26355-1
SDG: Loving, NM

Client Sample ID: Dup-2
Date Collected: 03/24/23 00:00
Date Received: 03/25/23 09:00

Lab Sample ID: 880-26355-30
Matrix: Solid

Method: TAL SOP Total BTEX - Total BTEX Calculation									
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac	
Total BTEX	<0.00399	U	0.00399	mg/Kg			03/29/23 09:39	1	
Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)									
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac	
Total TPH	<49.9	U	49.9	mg/Kg			03/27/23 17:36	1	
Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)									
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac	
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9	mg/Kg		03/27/23 08:36	03/27/23 15:08	1	
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9	mg/Kg		03/27/23 08:36	03/27/23 15:08	1	
Oil Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg		03/27/23 08:36	03/27/23 15:08	1	
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac	
1-Chlorooctane	88		70 - 130			03/27/23 08:36	03/27/23 15:08	1	
o-Terphenyl	93		70 - 130			03/27/23 08:36	03/27/23 15:08	1	
Method: EPA 300.0 - Anions, Ion Chromatography - Soluble									
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac	
Chloride	91.8		5.04	mg/Kg			03/27/23 14:42	1	

Surrogate Summary

Client: TRC Solutions, Inc.
Project/Site: SRO S State 506/507

Job ID: 880-26355-1
SDG: Loving, NM

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	BFB1	DFBZ1
		(70-130)	(70-130)
880-26355-1	OB-1	103	84
880-26355-1 MS	OB-1	96	93
880-26355-1 MSD	OB-1	101	92
880-26355-2	OB-2	111	100
880-26355-3	OB-3	119	96
880-26355-4	OB-4	112	99
880-26355-5	OB-5	113	98
880-26355-6	OB-6	120	102
880-26355-7	OB-7	118	100
880-26355-8	OB-8	112	100
880-26355-9	OB-9	114	97
880-26355-10	OB-10	112	95
880-26355-11	OB-11	110	91
880-26355-12	OB-12	112	98
880-26355-13	OB-13	92	79
880-26355-14	TT-1a @ 0-1'	107	92
880-26355-15	TT-1a @ 2'	110	97
880-26355-16	TT-1b @ 0-1'	113	97
880-26355-17	TT-1b @ 2'	119	100
880-26355-18	TT-1c @ 0-1'	108	96
880-26355-19	TT-1c @ 2'	122	106
880-26355-20	TT-1d @ 0-1'	118	101
880-26355-21	TT-1d @ 2'	98	98
880-26355-21 MS	TT-1d @ 2'	118	109
880-26355-21 MSD	TT-1d @ 2'	91	120
880-26355-22	TT-1e @ 0-1'	140 S1+	94
880-26355-23	TT-1e @ 2'	140 S1+	125
880-26355-24	SW-1	98	95
880-26355-25	SW-2	104	83
880-26355-26	FL-1 @ 16'	91	101
880-26355-27	SW-3	140 S1+	109
880-26355-28	SW-4	98	87
880-26355-29	Dup-1	113	108
880-26355-30	Dup-2	88	90
LCS 880-49585/1-A	Lab Control Sample	108	96
LCS 880-49586/1-A	Lab Control Sample	124	109
LCSD 880-49585/2-A	Lab Control Sample Dup	103	91
LCSD 880-49586/2-A	Lab Control Sample Dup	115	110
MB 880-49414/5-A	Method Blank	72	97
MB 880-49585/5-A	Method Blank	99	81
MB 880-49586/5-A	Method Blank	78	80

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)

DFBZ = 1,4-Difluorobenzene (Surr)

Surrogate Summary

Client: TRC Solutions, Inc.
Project/Site: SRO S State 506/507

Job ID: 880-26355-1
SDG: Loving, NM

Method: 8015B NM - Diesel Range Organics (DRO) (GC)**Matrix: Solid****Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	1CO1 (70-130)	OTPH1 (70-130)
880-26355-1	OB-1	96	94
880-26355-1 MS	OB-1	91	86
880-26355-1 MSD	OB-1	85	81
880-26355-2	OB-2	93	90
880-26355-3	OB-3	104	103
880-26355-4	OB-4	96	91
880-26355-5	OB-5	89	81
880-26355-6	OB-6	84	81
880-26355-7	OB-7	84	80
880-26355-8	OB-8	85	79
880-26355-9	OB-9	83	76
880-26355-10	OB-10	86	76
880-26355-11	OB-11	74	73
880-26355-12	OB-12	95	88
880-26355-13	OB-13	91	86
880-26355-14	TT-1a @ 0-1'	85	81
880-26355-15	TT-1a @ 2'	85	79
880-26355-16	TT-1b @ 0-1'	81	80
880-26355-17	TT-1b @ 2'	96	93
880-26355-18	TT-1c @ 0-1'	96	94
880-26355-19	TT-1c @ 2'	94	91
880-26355-20	TT-1d @ 0-1'	79	80
880-26355-21	TT-1d @ 2'	113	124
880-26355-21 MS	TT-1d @ 2'	104	113
880-26355-21 MSD	TT-1d @ 2'	103	110
880-26355-22	TT-1e @ 0-1'	115	128
880-26355-23	TT-1e @ 2'	96	110
880-26355-24	SW-1	112	122
880-26355-25	SW-2	109	119
880-26355-26	FL-1 @ 16'	97	103
880-26355-27	SW-3	98	109
880-26355-28	SW-4	95	103
880-26355-29	Dup-1	96	105
880-26355-30	Dup-2	88	93
LCS 880-49566/2-A	Lab Control Sample	107	106
LCS 880-49567/2-A	Lab Control Sample	111	118
LCSD 880-49566/3-A	Lab Control Sample Dup	109	107
LCSD 880-49567/3-A	Lab Control Sample Dup	103	112
MB 880-49566/1-A	Method Blank	119	120
MB 880-49567/1-A	Method Blank	117	132 S1+

Surrogate Legend

1CO = 1-Chlorooctane

OTPH = o-Terphenyl

QC Sample Results

Client: TRC Solutions, Inc.
Project/Site: SRO S State 506/507

Job ID: 880-26355-1
SDG: Loving, NM

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-49414/5-A

Matrix: Solid

Analysis Batch: 49684

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 49414

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		03/24/23 12:44	03/28/23 11:19	1
Toluene	<0.00200	U	0.00200	mg/Kg		03/24/23 12:44	03/28/23 11:19	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		03/24/23 12:44	03/28/23 11:19	1
m-Xylene & p-Xylene	<0.00400	U	0.00400	mg/Kg		03/24/23 12:44	03/28/23 11:19	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		03/24/23 12:44	03/28/23 11:19	1
Xylenes, Total	<0.00400	U	0.00400	mg/Kg		03/24/23 12:44	03/28/23 11:19	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	72		70 - 130	03/24/23 12:44	03/28/23 11:19	1
1,4-Difluorobenzene (Surr)	97		70 - 130	03/24/23 12:44	03/28/23 11:19	1

Lab Sample ID: MB 880-49585/5-A

Matrix: Solid

Analysis Batch: 49917

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 49585

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		03/27/23 10:12	03/30/23 10:49	1
Toluene	<0.00200	U	0.00200	mg/Kg		03/27/23 10:12	03/30/23 10:49	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		03/27/23 10:12	03/30/23 10:49	1
m-Xylene & p-Xylene	<0.00400	U	0.00400	mg/Kg		03/27/23 10:12	03/30/23 10:49	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		03/27/23 10:12	03/30/23 10:49	1
Xylenes, Total	<0.00400	U	0.00400	mg/Kg		03/27/23 10:12	03/30/23 10:49	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	99		70 - 130	03/27/23 10:12	03/30/23 10:49	1
1,4-Difluorobenzene (Surr)	81		70 - 130	03/27/23 10:12	03/30/23 10:49	1

Lab Sample ID: LCS 880-49585/1-A

Matrix: Solid

Analysis Batch: 49917

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 49585

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.08925		mg/Kg		89	70 - 130
Toluene	0.100	0.1003		mg/Kg		100	70 - 130
Ethylbenzene	0.100	0.09543		mg/Kg		95	70 - 130
m-Xylene & p-Xylene	0.200	0.1969		mg/Kg		98	70 - 130
o-Xylene	0.100	0.1020		mg/Kg		102	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	108		70 - 130
1,4-Difluorobenzene (Surr)	96		70 - 130

Lab Sample ID: LCSD 880-49585/2-A

Matrix: Solid

Analysis Batch: 49917

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 49585

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.09769		mg/Kg		98	70 - 130	9	35

Eurofins Midland

QC Sample Results

Client: TRC Solutions, Inc.
Project/Site: SRO S State 506/507

Job ID: 880-26355-1
SDG: Loving, NM

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: LCSD 880-49585/2-A

Matrix: Solid

Analysis Batch: 49917

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 49585

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec		RPD	Limit
							Limits	RPD		
Toluene	0.100	0.1034		mg/Kg		103	70 - 130	3		35
Ethylbenzene	0.100	0.09526		mg/Kg		95	70 - 130	0		35
m-Xylene & p-Xylene	0.200	0.1946		mg/Kg		97	70 - 130	1		35
o-Xylene	0.100	0.09994		mg/Kg		100	70 - 130	2		35

Surrogate	LCSD		Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene (Surr)	103		70 - 130
1,4-Difluorobenzene (Surr)	91		70 - 130

Lab Sample ID: 880-26355-1 MS

Matrix: Solid

Analysis Batch: 49917

Client Sample ID: OB-1

Prep Type: Total/NA

Prep Batch: 49585

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec	
									Limits	RPD
Benzene	<0.00200	U F1	0.0998	0.04356	F1	mg/Kg		44	70 - 130	
Toluene	<0.00200	U F1	0.0998	0.04249	F1	mg/Kg		43	70 - 130	
Ethylbenzene	<0.00200	U F1	0.0998	0.04458	F1	mg/Kg		45	70 - 130	
m-Xylene & p-Xylene	<0.00401	U F2 F1	0.200	0.07057	F1	mg/Kg		35	70 - 130	
o-Xylene	<0.00200	U F1	0.0998	0.04782	F1	mg/Kg		48	70 - 130	

Surrogate	MS		Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene (Surr)	96		70 - 130
1,4-Difluorobenzene (Surr)	93		70 - 130

Lab Sample ID: 880-26355-1 MSD

Matrix: Solid

Analysis Batch: 49917

Client Sample ID: OB-1

Prep Type: Total/NA

Prep Batch: 49585

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec		RPD	Limit
									Limits	RPD		
Benzene	<0.00200	U F1	0.0990	0.06189	F1	mg/Kg		63	70 - 130	35		35
Toluene	<0.00200	U F1	0.0990	0.06034	F1	mg/Kg		61	70 - 130	35		35
Ethylbenzene	<0.00200	U F1	0.0990	0.05938	F1	mg/Kg		60	70 - 130	28		35
m-Xylene & p-Xylene	<0.00401	U F2 F1	0.198	0.1152	F2 F1	mg/Kg		58	70 - 130	48		35
o-Xylene	<0.00200	U F1	0.0990	0.06005	F1	mg/Kg		61	70 - 130	23		35

Surrogate	MSD		Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene (Surr)	101		70 - 130
1,4-Difluorobenzene (Surr)	92		70 - 130

Lab Sample ID: MB 880-49586/5-A

Matrix: Solid

Analysis Batch: 49684

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 49586

Analyte	MB		RL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier						
Benzene	<0.00200	U	0.00200	mg/Kg		03/27/23 10:15	03/28/23 22:45	1
Toluene	<0.00200	U	0.00200	mg/Kg		03/27/23 10:15	03/28/23 22:45	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		03/27/23 10:15	03/28/23 22:45	1
m-Xylene & p-Xylene	<0.00400	U	0.00400	mg/Kg		03/27/23 10:15	03/28/23 22:45	1

Eurofins Midland

QC Sample Results

Client: TRC Solutions, Inc.
Project/Site: SRO S State 506/507

Job ID: 880-26355-1
SDG: Loving, NM

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: MB 880-49586/5-A

Matrix: Solid

Analysis Batch: 49684

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 49586

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
o-Xylene	<0.00200	U	0.00200	mg/Kg		03/27/23 10:15	03/28/23 22:45	1
Xylenes, Total	<0.00400	U	0.00400	mg/Kg		03/27/23 10:15	03/28/23 22:45	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	78		70 - 130	03/27/23 10:15	03/28/23 22:45	1
1,4-Difluorobenzene (Surr)	80		70 - 130	03/27/23 10:15	03/28/23 22:45	1

Lab Sample ID: LCS 880-49586/1-A

Matrix: Solid

Analysis Batch: 49684

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 49586

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.1064		mg/Kg		106	70 - 130
Toluene	0.100	0.1067		mg/Kg		107	70 - 130
Ethylbenzene	0.100	0.1165		mg/Kg		116	70 - 130
m-Xylene & p-Xylene	0.200	0.2491		mg/Kg		125	70 - 130
o-Xylene	0.100	0.1271		mg/Kg		127	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	124		70 - 130
1,4-Difluorobenzene (Surr)	109		70 - 130

Lab Sample ID: LCSD 880-49586/2-A

Matrix: Solid

Analysis Batch: 49684

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 49586

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.1006		mg/Kg		101	70 - 130	6	35
Toluene	0.100	0.09584		mg/Kg		96	70 - 130	11	35
Ethylbenzene	0.100	0.1011		mg/Kg		101	70 - 130	14	35
m-Xylene & p-Xylene	0.200	0.2141		mg/Kg		107	70 - 130	15	35
o-Xylene	0.100	0.1093		mg/Kg		109	70 - 130	15	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	115		70 - 130
1,4-Difluorobenzene (Surr)	110		70 - 130

Lab Sample ID: 880-26355-21 MS

Matrix: Solid

Analysis Batch: 49684

Client Sample ID: TT-1d @ 2'

Prep Type: Total/NA

Prep Batch: 49586

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00200	U	0.0998	0.07640		mg/Kg		77	70 - 130
Toluene	<0.00200	U	0.0998	0.07566		mg/Kg		76	70 - 130
Ethylbenzene	<0.00200	U F1	0.0998	0.08141		mg/Kg		82	70 - 130
m-Xylene & p-Xylene	<0.00401	U F1	0.200	0.1627		mg/Kg		81	70 - 130
o-Xylene	<0.00200	U F1	0.0998	0.08146		mg/Kg		82	70 - 130

Eurofins Midland

QC Sample Results

Client: TRC Solutions, Inc.
Project/Site: SRO S State 506/507

Job ID: 880-26355-1
SDG: Loving, NM

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: 880-26355-21 MS
Matrix: Solid
Analysis Batch: 49684

Client Sample ID: TT-1d @ 2'
Prep Type: Total/NA
Prep Batch: 49586

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	118		70 - 130
1,4-Difluorobenzene (Surr)	109		70 - 130

Lab Sample ID: 880-26355-21 MSD
Matrix: Solid
Analysis Batch: 49684

Client Sample ID: TT-1d @ 2'
Prep Type: Total/NA
Prep Batch: 49586

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00200	U	0.0990	0.09687		mg/Kg		98	70 - 130	24	35
Toluene	<0.00200	U	0.0990	0.07721		mg/Kg		78	70 - 130	2	35
Ethylbenzene	<0.00200	U F1	0.0990	0.06803	F1	mg/Kg		69	70 - 130	18	35
m-Xylene & p-Xylene	<0.00401	U F1	0.198	0.1312	F1	mg/Kg		66	70 - 130	21	35
o-Xylene	<0.00200	U F1	0.0990	0.06454	F1	mg/Kg		65	70 - 130	23	35

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	91		70 - 130
1,4-Difluorobenzene (Surr)	120		70 - 130

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

Lab Sample ID: MB 880-49566/1-A
Matrix: Solid
Analysis Batch: 49557

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 49566

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0	mg/Kg		03/27/23 08:20	03/27/23 08:29	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		03/27/23 08:20	03/27/23 08:29	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		03/27/23 08:20	03/27/23 08:29	1

	MB	MB						
Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac		
1-Chlorooctane	119		70 - 130	03/27/23 08:20	03/27/23 08:29	1		
o-Terphenyl	120		70 - 130	03/27/23 08:20	03/27/23 08:29	1		

Lab Sample ID: LCS 880-49566/2-A
Matrix: Solid
Analysis Batch: 49557

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 49566

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10	1000	915.6		mg/Kg		92	70 - 130		
Diesel Range Organics (Over C10-C28)	1000	1749	*+	mg/Kg		175	70 - 130		

	LCS	LCS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	107		70 - 130
o-Terphenyl	106		70 - 130

Eurofins Midland

QC Sample Results

Client: TRC Solutions, Inc.
Project/Site: SRO S State 506/507

Job ID: 880-26355-1
SDG: Loving, NM

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

Lab Sample ID: LCSD 880-49566/3-A
Matrix: Solid
Analysis Batch: 49557

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 49566

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	885.5		mg/Kg		89	70 - 130	3	20
Diesel Range Organics (Over C10-C28)	1000	1749	*+	mg/Kg		175	70 - 130	0	20
Surrogate	LCSD %Recovery	LCSD Qualifier	Limits						
1-Chlorooctane	109		70 - 130						
o-Terphenyl	107		70 - 130						

Lab Sample ID: 880-26355-1 MS
Matrix: Solid
Analysis Batch: 49557

Client Sample ID: OB-1
Prep Type: Total/NA
Prep Batch: 49566

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	999	1040		mg/Kg		102	70 - 130		
Diesel Range Organics (Over C10-C28)	<49.9	U *+	999	883.8		mg/Kg		88	70 - 130		
Surrogate	MS %Recovery	MS Qualifier	Limits								
1-Chlorooctane	91		70 - 130								
o-Terphenyl	86		70 - 130								

Lab Sample ID: 880-26355-1 MSD
Matrix: Solid
Analysis Batch: 49557

Client Sample ID: OB-1
Prep Type: Total/NA
Prep Batch: 49566

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	997	959.8		mg/Kg		94	70 - 130	8	20
Diesel Range Organics (Over C10-C28)	<49.9	U *+	997	835.7		mg/Kg		84	70 - 130	6	20
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
1-Chlorooctane	85		70 - 130								
o-Terphenyl	81		70 - 130								

Lab Sample ID: MB 880-49567/1-A
Matrix: Solid
Analysis Batch: 49555

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 49567

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0	mg/Kg		03/27/23 08:16	03/27/23 08:29	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		03/27/23 08:16	03/27/23 08:29	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		03/27/23 08:16	03/27/23 08:29	1

Eurofins Midland

QC Sample Results

Client: TRC Solutions, Inc.
Project/Site: SRO S State 506/507

Job ID: 880-26355-1
SDG: Loving, NM

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

Lab Sample ID: MB 880-49567/1-A
Matrix: Solid
Analysis Batch: 49555

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 49567

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	117		70 - 130	03/27/23 08:16	03/27/23 08:29	1
o-Terphenyl	132	S1+	70 - 130	03/27/23 08:16	03/27/23 08:29	1

Lab Sample ID: LCS 880-49567/2-A
Matrix: Solid
Analysis Batch: 49555

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 49567

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	898.9		mg/Kg		90	70 - 130
Diesel Range Organics (Over C10-C28)	1000	872.8		mg/Kg		87	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1-Chlorooctane	111		70 - 130
o-Terphenyl	118		70 - 130

Lab Sample ID: LCSD 880-49567/3-A
Matrix: Solid
Analysis Batch: 49555

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 49567

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	836.7		mg/Kg		84	70 - 130	7	20
Diesel Range Organics (Over C10-C28)	1000	775.0		mg/Kg		78	70 - 130	12	20

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1-Chlorooctane	103		70 - 130
o-Terphenyl	112		70 - 130

Lab Sample ID: 880-26355-21 MS
Matrix: Solid
Analysis Batch: 49555

Client Sample ID: TT-1d @ 2'
Prep Type: Total/NA
Prep Batch: 49567

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	999	925.6		mg/Kg		89	70 - 130
Diesel Range Organics (Over C10-C28)	<50.0	U	999	1027		mg/Kg		103	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
1-Chlorooctane	104		70 - 130
o-Terphenyl	113		70 - 130

Eurofins Midland

QC Sample Results

Client: TRC Solutions, Inc.
Project/Site: SRO S State 506/507

Job ID: 880-26355-1
SDG: Loving, NM

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

Lab Sample ID: 880-26355-21 MSD

Matrix: Solid

Analysis Batch: 49555

Client Sample ID: TT-1d @ 2'

Prep Type: Total/NA

Prep Batch: 49567

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	997	926.7		mg/Kg		89	70 - 130	0	20
Diesel Range Organics (Over C10-C28)	<50.0	U	997	1002		mg/Kg		100	70 - 130	3	20
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
1-Chlorooctane	103		70 - 130								
o-Terphenyl	110		70 - 130								

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-49600/1-A

Matrix: Solid

Analysis Batch: 49677

Client Sample ID: Method Blank

Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00	mg/Kg			03/27/23 13:00	1

Lab Sample ID: LCS 880-49600/2-A

Matrix: Solid

Analysis Batch: 49677

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	267.8		mg/Kg		107	90 - 110

Lab Sample ID: LCSD 880-49600/3-A

Matrix: Solid

Analysis Batch: 49677

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	250	268.1		mg/Kg		107	90 - 110	0	20

Lab Sample ID: 880-26355-28 MS

Matrix: Solid

Analysis Batch: 49677

Client Sample ID: SW-4

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	113		252	370.8		mg/Kg		103	90 - 110

Lab Sample ID: 880-26355-28 MSD

Matrix: Solid

Analysis Batch: 49677

Client Sample ID: SW-4

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	113		252	371.0		mg/Kg		103	90 - 110	0	20

Eurofins Midland

QC Sample Results

Client: TRC Solutions, Inc.
Project/Site: SRO S State 506/507

Job ID: 880-26355-1
SDG: Loving, NM

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: MB 880-49594/1-A

Matrix: Solid

Analysis Batch: 49678

Client Sample ID: Method Blank

Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00	mg/Kg			03/27/23 13:26	1

Lab Sample ID: LCS 880-49594/2-A

Matrix: Solid

Analysis Batch: 49678

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	252.3		mg/Kg		101	90 - 110

Lab Sample ID: LCSD 880-49594/3-A

Matrix: Solid

Analysis Batch: 49678

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	250	255.9		mg/Kg		102	90 - 110	1	20

Lab Sample ID: 880-26355-1 MS

Matrix: Solid

Analysis Batch: 49678

Client Sample ID: OB-1

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	643		1250	1875		mg/Kg		99	90 - 110

Lab Sample ID: 880-26355-1 MSD

Matrix: Solid

Analysis Batch: 49678

Client Sample ID: OB-1

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	643		1250	1885		mg/Kg		100	90 - 110	1	20

Lab Sample ID: 880-26355-11 MS

Matrix: Solid

Analysis Batch: 49678

Client Sample ID: OB-11

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	775		1260	2102		mg/Kg		106	90 - 110

Lab Sample ID: 880-26355-11 MSD

Matrix: Solid

Analysis Batch: 49678

Client Sample ID: OB-11

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	775		1260	2136		mg/Kg		108	90 - 110	2	20

Eurofins Midland

QC Association Summary

Client: TRC Solutions, Inc.
Project/Site: SRO S State 506/507

Job ID: 880-26355-1
SDG: Loving, NM

GC VOA

Prep Batch: 49414

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-49414/5-A	Method Blank	Total/NA	Solid	5035	

Prep Batch: 49585

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-26355-1	OB-1	Total/NA	Solid	5035	
880-26355-2	OB-2	Total/NA	Solid	5035	
880-26355-3	OB-3	Total/NA	Solid	5035	
880-26355-4	OB-4	Total/NA	Solid	5035	
880-26355-5	OB-5	Total/NA	Solid	5035	
880-26355-6	OB-6	Total/NA	Solid	5035	
880-26355-7	OB-7	Total/NA	Solid	5035	
880-26355-8	OB-8	Total/NA	Solid	5035	
880-26355-9	OB-9	Total/NA	Solid	5035	
880-26355-10	OB-10	Total/NA	Solid	5035	
880-26355-11	OB-11	Total/NA	Solid	5035	
880-26355-12	OB-12	Total/NA	Solid	5035	
880-26355-13	OB-13	Total/NA	Solid	5035	
880-26355-14	TT-1a @ 0-1'	Total/NA	Solid	5035	
880-26355-15	TT-1a @ 2'	Total/NA	Solid	5035	
880-26355-16	TT-1b @ 0-1'	Total/NA	Solid	5035	
880-26355-17	TT-1b @ 2'	Total/NA	Solid	5035	
880-26355-18	TT-1c @ 0-1'	Total/NA	Solid	5035	
880-26355-19	TT-1c @ 2'	Total/NA	Solid	5035	
880-26355-20	TT-1d @ 0-1'	Total/NA	Solid	5035	
MB 880-49585/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-49585/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-49585/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-26355-1 MS	OB-1	Total/NA	Solid	5035	
880-26355-1 MSD	OB-1	Total/NA	Solid	5035	

Prep Batch: 49586

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-26355-21	TT-1d @ 2'	Total/NA	Solid	5035	
880-26355-22	TT-1e @ 0-1'	Total/NA	Solid	5035	
880-26355-23	TT-1e @ 2'	Total/NA	Solid	5035	
880-26355-24	SW-1	Total/NA	Solid	5035	
880-26355-25	SW-2	Total/NA	Solid	5035	
880-26355-26	FL-1 @ 16'	Total/NA	Solid	5035	
880-26355-27	SW-3	Total/NA	Solid	5035	
880-26355-28	SW-4	Total/NA	Solid	5035	
880-26355-29	Dup-1	Total/NA	Solid	5035	
880-26355-30	Dup-2	Total/NA	Solid	5035	
MB 880-49586/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-49586/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-49586/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-26355-21 MS	TT-1d @ 2'	Total/NA	Solid	5035	
880-26355-21 MSD	TT-1d @ 2'	Total/NA	Solid	5035	

Analysis Batch: 49684

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-26355-21	TT-1d @ 2'	Total/NA	Solid	8021B	49586

Eurofins Midland

QC Association Summary

Client: TRC Solutions, Inc.
Project/Site: SRO S State 506/507

Job ID: 880-26355-1
SDG: Loving, NM

GC VOA (Continued)

Analysis Batch: 49684 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-26355-22	TT-1e @ 0-1'	Total/NA	Solid	8021B	49586
880-26355-23	TT-1e @ 2'	Total/NA	Solid	8021B	49586
880-26355-24	SW-1	Total/NA	Solid	8021B	49586
880-26355-25	SW-2	Total/NA	Solid	8021B	49586
880-26355-26	FL-1 @ 16'	Total/NA	Solid	8021B	49586
880-26355-27	SW-3	Total/NA	Solid	8021B	49586
880-26355-28	SW-4	Total/NA	Solid	8021B	49586
880-26355-29	Dup-1	Total/NA	Solid	8021B	49586
880-26355-30	Dup-2	Total/NA	Solid	8021B	49586
MB 880-49414/5-A	Method Blank	Total/NA	Solid	8021B	49414
MB 880-49586/5-A	Method Blank	Total/NA	Solid	8021B	49586
LCS 880-49586/1-A	Lab Control Sample	Total/NA	Solid	8021B	49586
LCSD 880-49586/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	49586
880-26355-21 MS	TT-1d @ 2'	Total/NA	Solid	8021B	49586
880-26355-21 MSD	TT-1d @ 2'	Total/NA	Solid	8021B	49586

Analysis Batch: 49800

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-26355-1	OB-1	Total/NA	Solid	Total BTEX	
880-26355-2	OB-2	Total/NA	Solid	Total BTEX	
880-26355-3	OB-3	Total/NA	Solid	Total BTEX	
880-26355-4	OB-4	Total/NA	Solid	Total BTEX	
880-26355-5	OB-5	Total/NA	Solid	Total BTEX	
880-26355-6	OB-6	Total/NA	Solid	Total BTEX	
880-26355-7	OB-7	Total/NA	Solid	Total BTEX	
880-26355-8	OB-8	Total/NA	Solid	Total BTEX	
880-26355-9	OB-9	Total/NA	Solid	Total BTEX	
880-26355-10	OB-10	Total/NA	Solid	Total BTEX	
880-26355-11	OB-11	Total/NA	Solid	Total BTEX	
880-26355-12	OB-12	Total/NA	Solid	Total BTEX	
880-26355-13	OB-13	Total/NA	Solid	Total BTEX	
880-26355-14	TT-1a @ 0-1'	Total/NA	Solid	Total BTEX	
880-26355-15	TT-1a @ 2'	Total/NA	Solid	Total BTEX	
880-26355-16	TT-1b @ 0-1'	Total/NA	Solid	Total BTEX	
880-26355-17	TT-1b @ 2'	Total/NA	Solid	Total BTEX	
880-26355-18	TT-1c @ 0-1'	Total/NA	Solid	Total BTEX	
880-26355-19	TT-1c @ 2'	Total/NA	Solid	Total BTEX	
880-26355-20	TT-1d @ 0-1'	Total/NA	Solid	Total BTEX	
880-26355-21	TT-1d @ 2'	Total/NA	Solid	Total BTEX	
880-26355-22	TT-1e @ 0-1'	Total/NA	Solid	Total BTEX	
880-26355-23	TT-1e @ 2'	Total/NA	Solid	Total BTEX	
880-26355-24	SW-1	Total/NA	Solid	Total BTEX	
880-26355-25	SW-2	Total/NA	Solid	Total BTEX	
880-26355-26	FL-1 @ 16'	Total/NA	Solid	Total BTEX	
880-26355-27	SW-3	Total/NA	Solid	Total BTEX	
880-26355-28	SW-4	Total/NA	Solid	Total BTEX	
880-26355-29	Dup-1	Total/NA	Solid	Total BTEX	
880-26355-30	Dup-2	Total/NA	Solid	Total BTEX	

Eurofins Midland

QC Association Summary

Client: TRC Solutions, Inc.
Project/Site: SRO S State 506/507

Job ID: 880-26355-1
SDG: Loving, NM

GC VOA

Analysis Batch: 49917

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-26355-1	OB-1	Total/NA	Solid	8021B	49585
880-26355-2	OB-2	Total/NA	Solid	8021B	49585
880-26355-3	OB-3	Total/NA	Solid	8021B	49585
880-26355-4	OB-4	Total/NA	Solid	8021B	49585
880-26355-5	OB-5	Total/NA	Solid	8021B	49585
880-26355-6	OB-6	Total/NA	Solid	8021B	49585
880-26355-7	OB-7	Total/NA	Solid	8021B	49585
880-26355-8	OB-8	Total/NA	Solid	8021B	49585
880-26355-9	OB-9	Total/NA	Solid	8021B	49585
880-26355-10	OB-10	Total/NA	Solid	8021B	49585
880-26355-11	OB-11	Total/NA	Solid	8021B	49585
880-26355-12	OB-12	Total/NA	Solid	8021B	49585
880-26355-13	OB-13	Total/NA	Solid	8021B	49585
880-26355-14	TT-1a @ 0-1'	Total/NA	Solid	8021B	49585
880-26355-15	TT-1a @ 2'	Total/NA	Solid	8021B	49585
880-26355-16	TT-1b @ 0-1'	Total/NA	Solid	8021B	49585
880-26355-17	TT-1b @ 2'	Total/NA	Solid	8021B	49585
880-26355-18	TT-1c @ 0-1'	Total/NA	Solid	8021B	49585
880-26355-19	TT-1c @ 2'	Total/NA	Solid	8021B	49585
880-26355-20	TT-1d @ 0-1'	Total/NA	Solid	8021B	49585
MB 880-49585/5-A	Method Blank	Total/NA	Solid	8021B	49585
LCS 880-49585/1-A	Lab Control Sample	Total/NA	Solid	8021B	49585
LCSD 880-49585/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	49585
880-26355-1 MS	OB-1	Total/NA	Solid	8021B	49585
880-26355-1 MSD	OB-1	Total/NA	Solid	8021B	49585

GC Semi VOA

Analysis Batch: 49555

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-26355-21	TT-1d @ 2'	Total/NA	Solid	8015B NM	49567
880-26355-22	TT-1e @ 0-1'	Total/NA	Solid	8015B NM	49567
880-26355-23	TT-1e @ 2'	Total/NA	Solid	8015B NM	49567
880-26355-24	SW-1	Total/NA	Solid	8015B NM	49567
880-26355-25	SW-2	Total/NA	Solid	8015B NM	49567
880-26355-26	FL-1 @ 16'	Total/NA	Solid	8015B NM	49567
880-26355-27	SW-3	Total/NA	Solid	8015B NM	49567
880-26355-28	SW-4	Total/NA	Solid	8015B NM	49567
880-26355-29	Dup-1	Total/NA	Solid	8015B NM	49567
880-26355-30	Dup-2	Total/NA	Solid	8015B NM	49567
MB 880-49567/1-A	Method Blank	Total/NA	Solid	8015B NM	49567
LCS 880-49567/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	49567
LCSD 880-49567/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	49567
880-26355-21 MS	TT-1d @ 2'	Total/NA	Solid	8015B NM	49567
880-26355-21 MSD	TT-1d @ 2'	Total/NA	Solid	8015B NM	49567

Analysis Batch: 49557

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-26355-1	OB-1	Total/NA	Solid	8015B NM	49566
880-26355-2	OB-2	Total/NA	Solid	8015B NM	49566
880-26355-3	OB-3	Total/NA	Solid	8015B NM	49566

Eurofins Midland

QC Association Summary

Client: TRC Solutions, Inc.
Project/Site: SRO S State 506/507

Job ID: 880-26355-1
SDG: Loving, NM

GC Semi VOA (Continued)

Analysis Batch: 49557 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-26355-4	OB-4	Total/NA	Solid	8015B NM	49566
880-26355-5	OB-5	Total/NA	Solid	8015B NM	49566
880-26355-6	OB-6	Total/NA	Solid	8015B NM	49566
880-26355-7	OB-7	Total/NA	Solid	8015B NM	49566
880-26355-8	OB-8	Total/NA	Solid	8015B NM	49566
880-26355-9	OB-9	Total/NA	Solid	8015B NM	49566
880-26355-10	OB-10	Total/NA	Solid	8015B NM	49566
880-26355-11	OB-11	Total/NA	Solid	8015B NM	49566
880-26355-12	OB-12	Total/NA	Solid	8015B NM	49566
880-26355-13	OB-13	Total/NA	Solid	8015B NM	49566
880-26355-14	TT-1a @ 0-1'	Total/NA	Solid	8015B NM	49566
880-26355-15	TT-1a @ 2'	Total/NA	Solid	8015B NM	49566
880-26355-16	TT-1b @ 0-1'	Total/NA	Solid	8015B NM	49566
880-26355-17	TT-1b @ 2'	Total/NA	Solid	8015B NM	49566
880-26355-18	TT-1c @ 0-1'	Total/NA	Solid	8015B NM	49566
880-26355-19	TT-1c @ 2'	Total/NA	Solid	8015B NM	49566
880-26355-20	TT-1d @ 0-1'	Total/NA	Solid	8015B NM	49566
MB 880-49566/1-A	Method Blank	Total/NA	Solid	8015B NM	49566
LCS 880-49566/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	49566
LCSD 880-49566/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	49566
880-26355-1 MS	OB-1	Total/NA	Solid	8015B NM	49566
880-26355-1 MSD	OB-1	Total/NA	Solid	8015B NM	49566

Prep Batch: 49566

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-26355-1	OB-1	Total/NA	Solid	8015NM Prep	
880-26355-2	OB-2	Total/NA	Solid	8015NM Prep	
880-26355-3	OB-3	Total/NA	Solid	8015NM Prep	
880-26355-4	OB-4	Total/NA	Solid	8015NM Prep	
880-26355-5	OB-5	Total/NA	Solid	8015NM Prep	
880-26355-6	OB-6	Total/NA	Solid	8015NM Prep	
880-26355-7	OB-7	Total/NA	Solid	8015NM Prep	
880-26355-8	OB-8	Total/NA	Solid	8015NM Prep	
880-26355-9	OB-9	Total/NA	Solid	8015NM Prep	
880-26355-10	OB-10	Total/NA	Solid	8015NM Prep	
880-26355-11	OB-11	Total/NA	Solid	8015NM Prep	
880-26355-12	OB-12	Total/NA	Solid	8015NM Prep	
880-26355-13	OB-13	Total/NA	Solid	8015NM Prep	
880-26355-14	TT-1a @ 0-1'	Total/NA	Solid	8015NM Prep	
880-26355-15	TT-1a @ 2'	Total/NA	Solid	8015NM Prep	
880-26355-16	TT-1b @ 0-1'	Total/NA	Solid	8015NM Prep	
880-26355-17	TT-1b @ 2'	Total/NA	Solid	8015NM Prep	
880-26355-18	TT-1c @ 0-1'	Total/NA	Solid	8015NM Prep	
880-26355-19	TT-1c @ 2'	Total/NA	Solid	8015NM Prep	
880-26355-20	TT-1d @ 0-1'	Total/NA	Solid	8015NM Prep	
MB 880-49566/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-49566/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-49566/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-26355-1 MS	OB-1	Total/NA	Solid	8015NM Prep	
880-26355-1 MSD	OB-1	Total/NA	Solid	8015NM Prep	

Eurofins Midland

QC Association Summary

Client: TRC Solutions, Inc.
Project/Site: SRO S State 506/507

Job ID: 880-26355-1
SDG: Loving, NM

GC Semi VOA

Prep Batch: 49567

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-26355-21	TT-1d @ 2'	Total/NA	Solid	8015NM Prep	
880-26355-22	TT-1e @ 0-1'	Total/NA	Solid	8015NM Prep	
880-26355-23	TT-1e @ 2'	Total/NA	Solid	8015NM Prep	
880-26355-24	SW-1	Total/NA	Solid	8015NM Prep	
880-26355-25	SW-2	Total/NA	Solid	8015NM Prep	
880-26355-26	FL-1 @ 16'	Total/NA	Solid	8015NM Prep	
880-26355-27	SW-3	Total/NA	Solid	8015NM Prep	
880-26355-28	SW-4	Total/NA	Solid	8015NM Prep	
880-26355-29	Dup-1	Total/NA	Solid	8015NM Prep	
880-26355-30	Dup-2	Total/NA	Solid	8015NM Prep	
MB 880-49567/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-49567/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-49567/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-26355-21 MS	TT-1d @ 2'	Total/NA	Solid	8015NM Prep	
880-26355-21 MSD	TT-1d @ 2'	Total/NA	Solid	8015NM Prep	

Analysis Batch: 49675

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-26355-1	OB-1	Total/NA	Solid	8015 NM	
880-26355-2	OB-2	Total/NA	Solid	8015 NM	
880-26355-3	OB-3	Total/NA	Solid	8015 NM	
880-26355-4	OB-4	Total/NA	Solid	8015 NM	
880-26355-5	OB-5	Total/NA	Solid	8015 NM	
880-26355-6	OB-6	Total/NA	Solid	8015 NM	
880-26355-7	OB-7	Total/NA	Solid	8015 NM	
880-26355-8	OB-8	Total/NA	Solid	8015 NM	
880-26355-9	OB-9	Total/NA	Solid	8015 NM	
880-26355-10	OB-10	Total/NA	Solid	8015 NM	
880-26355-11	OB-11	Total/NA	Solid	8015 NM	
880-26355-12	OB-12	Total/NA	Solid	8015 NM	
880-26355-13	OB-13	Total/NA	Solid	8015 NM	
880-26355-14	TT-1a @ 0-1'	Total/NA	Solid	8015 NM	
880-26355-15	TT-1a @ 2'	Total/NA	Solid	8015 NM	
880-26355-16	TT-1b @ 0-1'	Total/NA	Solid	8015 NM	
880-26355-17	TT-1b @ 2'	Total/NA	Solid	8015 NM	
880-26355-18	TT-1c @ 0-1'	Total/NA	Solid	8015 NM	
880-26355-19	TT-1c @ 2'	Total/NA	Solid	8015 NM	
880-26355-20	TT-1d @ 0-1'	Total/NA	Solid	8015 NM	
880-26355-21	TT-1d @ 2'	Total/NA	Solid	8015 NM	
880-26355-22	TT-1e @ 0-1'	Total/NA	Solid	8015 NM	
880-26355-23	TT-1e @ 2'	Total/NA	Solid	8015 NM	
880-26355-24	SW-1	Total/NA	Solid	8015 NM	
880-26355-25	SW-2	Total/NA	Solid	8015 NM	
880-26355-26	FL-1 @ 16'	Total/NA	Solid	8015 NM	
880-26355-27	SW-3	Total/NA	Solid	8015 NM	
880-26355-28	SW-4	Total/NA	Solid	8015 NM	
880-26355-29	Dup-1	Total/NA	Solid	8015 NM	
880-26355-30	Dup-2	Total/NA	Solid	8015 NM	

Eurofins Midland

QC Association Summary

Client: TRC Solutions, Inc.
Project/Site: SRO S State 506/507

Job ID: 880-26355-1
SDG: Loving, NM

HPLC/IC

Leach Batch: 49594

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-26355-1	OB-1	Soluble	Solid	DI Leach	
880-26355-2	OB-2	Soluble	Solid	DI Leach	
880-26355-3	OB-3	Soluble	Solid	DI Leach	
880-26355-4	OB-4	Soluble	Solid	DI Leach	
880-26355-5	OB-5	Soluble	Solid	DI Leach	
880-26355-6	OB-6	Soluble	Solid	DI Leach	
880-26355-7	OB-7	Soluble	Solid	DI Leach	
880-26355-8	OB-8	Soluble	Solid	DI Leach	
880-26355-9	OB-9	Soluble	Solid	DI Leach	
880-26355-10	OB-10	Soluble	Solid	DI Leach	
880-26355-11	OB-11	Soluble	Solid	DI Leach	
880-26355-12	OB-12	Soluble	Solid	DI Leach	
880-26355-13	OB-13	Soluble	Solid	DI Leach	
880-26355-14	TT-1a @ 0-1'	Soluble	Solid	DI Leach	
880-26355-15	TT-1a @ 2'	Soluble	Solid	DI Leach	
880-26355-16	TT-1b @ 0-1'	Soluble	Solid	DI Leach	
880-26355-17	TT-1b @ 2'	Soluble	Solid	DI Leach	
880-26355-18	TT-1c @ 0-1'	Soluble	Solid	DI Leach	
880-26355-19	TT-1c @ 2'	Soluble	Solid	DI Leach	
880-26355-20	TT-1d @ 0-1'	Soluble	Solid	DI Leach	
MB 880-49594/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-49594/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-49594/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-26355-1 MS	OB-1	Soluble	Solid	DI Leach	
880-26355-1 MSD	OB-1	Soluble	Solid	DI Leach	
880-26355-11 MS	OB-11	Soluble	Solid	DI Leach	
880-26355-11 MSD	OB-11	Soluble	Solid	DI Leach	

Leach Batch: 49600

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-26355-21	TT-1d @ 2'	Soluble	Solid	DI Leach	
880-26355-22	TT-1e @ 0-1'	Soluble	Solid	DI Leach	
880-26355-23	TT-1e @ 2'	Soluble	Solid	DI Leach	
880-26355-24	SW-1	Soluble	Solid	DI Leach	
880-26355-25	SW-2	Soluble	Solid	DI Leach	
880-26355-26	FL-1 @ 16'	Soluble	Solid	DI Leach	
880-26355-27	SW-3	Soluble	Solid	DI Leach	
880-26355-28	SW-4	Soluble	Solid	DI Leach	
880-26355-29	Dup-1	Soluble	Solid	DI Leach	
880-26355-30	Dup-2	Soluble	Solid	DI Leach	
MB 880-49600/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-49600/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-49600/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-26355-28 MS	SW-4	Soluble	Solid	DI Leach	
880-26355-28 MSD	SW-4	Soluble	Solid	DI Leach	

Analysis Batch: 49677

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-26355-21	TT-1d @ 2'	Soluble	Solid	300.0	49600
880-26355-22	TT-1e @ 0-1'	Soluble	Solid	300.0	49600
880-26355-23	TT-1e @ 2'	Soluble	Solid	300.0	49600

Eurofins Midland

QC Association Summary

Client: TRC Solutions, Inc.
Project/Site: SRO S State 506/507

Job ID: 880-26355-1
SDG: Loving, NM

HPLC/IC (Continued)

Analysis Batch: 49677 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-26355-24	SW-1	Soluble	Solid	300.0	49600
880-26355-25	SW-2	Soluble	Solid	300.0	49600
880-26355-26	FL-1 @ 16'	Soluble	Solid	300.0	49600
880-26355-27	SW-3	Soluble	Solid	300.0	49600
880-26355-28	SW-4	Soluble	Solid	300.0	49600
880-26355-29	Dup-1	Soluble	Solid	300.0	49600
880-26355-30	Dup-2	Soluble	Solid	300.0	49600
MB 880-49600/1-A	Method Blank	Soluble	Solid	300.0	49600
LCS 880-49600/2-A	Lab Control Sample	Soluble	Solid	300.0	49600
LCSD 880-49600/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	49600
880-26355-28 MS	SW-4	Soluble	Solid	300.0	49600
880-26355-28 MSD	SW-4	Soluble	Solid	300.0	49600

Analysis Batch: 49678

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-26355-1	OB-1	Soluble	Solid	300.0	49594
880-26355-2	OB-2	Soluble	Solid	300.0	49594
880-26355-3	OB-3	Soluble	Solid	300.0	49594
880-26355-4	OB-4	Soluble	Solid	300.0	49594
880-26355-5	OB-5	Soluble	Solid	300.0	49594
880-26355-6	OB-6	Soluble	Solid	300.0	49594
880-26355-7	OB-7	Soluble	Solid	300.0	49594
880-26355-8	OB-8	Soluble	Solid	300.0	49594
880-26355-9	OB-9	Soluble	Solid	300.0	49594
880-26355-10	OB-10	Soluble	Solid	300.0	49594
880-26355-11	OB-11	Soluble	Solid	300.0	49594
880-26355-12	OB-12	Soluble	Solid	300.0	49594
880-26355-13	OB-13	Soluble	Solid	300.0	49594
880-26355-14	TT-1a @ 0-1'	Soluble	Solid	300.0	49594
880-26355-15	TT-1a @ 2'	Soluble	Solid	300.0	49594
880-26355-16	TT-1b @ 0-1'	Soluble	Solid	300.0	49594
880-26355-17	TT-1b @ 2'	Soluble	Solid	300.0	49594
880-26355-18	TT-1c @ 0-1'	Soluble	Solid	300.0	49594
880-26355-19	TT-1c @ 2'	Soluble	Solid	300.0	49594
880-26355-20	TT-1d @ 0-1'	Soluble	Solid	300.0	49594
MB 880-49594/1-A	Method Blank	Soluble	Solid	300.0	49594
LCS 880-49594/2-A	Lab Control Sample	Soluble	Solid	300.0	49594
LCSD 880-49594/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	49594
880-26355-1 MS	OB-1	Soluble	Solid	300.0	49594
880-26355-1 MSD	OB-1	Soluble	Solid	300.0	49594
880-26355-11 MS	OB-11	Soluble	Solid	300.0	49594
880-26355-11 MSD	OB-11	Soluble	Solid	300.0	49594

Eurofins Midland

Lab Chronicle

Client: TRC Solutions, Inc.
Project/Site: SRO S State 506/507

Job ID: 880-26355-1
SDG: Loving, NM

Client Sample ID: OB-1

Lab Sample ID: 880-26355-1

Date Collected: 03/23/23 08:00

Matrix: Solid

Date Received: 03/25/23 09:00

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 mL	49585	03/27/23 10:12	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	49917	03/30/23 11:11	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			49800	03/30/23 13:39	SM	EET MID
Total/NA	Analysis	8015 NM		1			49675	03/28/23 09:22	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	49566	03/27/23 08:30	AM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	49557	03/27/23 11:05	SM	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	49594	03/27/23 10:28	KS	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	49678	03/27/23 13:39	SMC	EET MID

Client Sample ID: OB-2

Lab Sample ID: 880-26355-2

Date Collected: 03/23/23 08:05

Matrix: Solid

Date Received: 03/25/23 09:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	49585	03/27/23 10:12	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	49917	03/30/23 11:32	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			49800	03/30/23 13:39	SM	EET MID
Total/NA	Analysis	8015 NM		1			49675	03/28/23 09:22	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	49566	03/27/23 08:30	AM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	49557	03/27/23 12:12	SM	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	49594	03/27/23 10:28	KS	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	49678	03/27/23 13:53	SMC	EET MID

Client Sample ID: OB-3

Lab Sample ID: 880-26355-3

Date Collected: 03/23/23 08:10

Matrix: Solid

Date Received: 03/25/23 09:00

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 mL	49585	03/27/23 10:12	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	49917	03/30/23 11:52	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			49800	03/30/23 13:39	SM	EET MID
Total/NA	Analysis	8015 NM		1			49675	03/28/23 09:22	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	49566	03/27/23 08:30	AM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	49557	03/27/23 12:34	SM	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	49594	03/27/23 10:28	KS	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	49678	03/27/23 13:57	SMC	EET MID

Client Sample ID: OB-4

Lab Sample ID: 880-26355-4

Date Collected: 03/23/23 08:15

Matrix: Solid

Date Received: 03/25/23 09:00

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 mL	49585	03/27/23 10:12	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	49917	03/30/23 12:13	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			49800	03/30/23 13:39	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: TRC Solutions, Inc.
Project/Site: SRO S State 506/507

Job ID: 880-26355-1
SDG: Loving, NM

Client Sample ID: OB-4
Date Collected: 03/23/23 08:15
Date Received: 03/25/23 09:00

Lab Sample ID: 880-26355-4
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	8015 NM		1			49675	03/28/23 09:22	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	49566	03/27/23 08:30	AM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	49557	03/27/23 12:56	SM	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	49594	03/27/23 10:28	KS	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	49678	03/27/23 14:02	SMC	EET MID

Client Sample ID: OB-5
Date Collected: 03/23/23 08:20
Date Received: 03/25/23 09:00

Lab Sample ID: 880-26355-5
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	49585	03/27/23 10:12	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	49917	03/30/23 12:34	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			49800	03/30/23 13:39	SM	EET MID
Total/NA	Analysis	8015 NM		1			49675	03/28/23 09:22	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	49566	03/27/23 08:30	AM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	49557	03/27/23 13:19	SM	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	49594	03/27/23 10:28	KS	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	49678	03/27/23 14:06	SMC	EET MID

Client Sample ID: OB-6
Date Collected: 03/23/23 08:25
Date Received: 03/25/23 09:00

Lab Sample ID: 880-26355-6
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	49585	03/27/23 10:12	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	49917	03/30/23 12:55	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			49800	03/30/23 13:39	SM	EET MID
Total/NA	Analysis	8015 NM		1			49675	03/28/23 09:22	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	49566	03/27/23 08:30	AM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	49557	03/27/23 13:40	SM	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	49594	03/27/23 10:28	KS	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	49678	03/27/23 14:20	SMC	EET MID

Client Sample ID: OB-7
Date Collected: 03/23/23 08:30
Date Received: 03/25/23 09:00

Lab Sample ID: 880-26355-7
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	49585	03/27/23 10:12	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	49917	03/30/23 13:16	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			49800	03/30/23 13:39	SM	EET MID
Total/NA	Analysis	8015 NM		1			49675	03/28/23 09:22	SM	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	49566	03/27/23 08:30	AM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	49557	03/27/23 14:02	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: TRC Solutions, Inc.
Project/Site: SRO S State 506/507

Job ID: 880-26355-1
SDG: Loving, NM

Client Sample ID: OB-7

Lab Sample ID: 880-26355-7

Date Collected: 03/23/23 08:30

Matrix: Solid

Date Received: 03/25/23 09:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			4.96 g	50 mL	49594	03/27/23 10:28	KS	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	49678	03/27/23 14:25	SMC	EET MID

Client Sample ID: OB-8

Lab Sample ID: 880-26355-8

Date Collected: 03/23/23 08:35

Matrix: Solid

Date Received: 03/25/23 09:00

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 mL	49585	03/27/23 10:12	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	49917	03/30/23 13:37	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			49800	03/30/23 15:16	SM	EET MID
Total/NA	Analysis	8015 NM		1			49675	03/28/23 09:22	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	49566	03/27/23 08:30	AM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	49557	03/27/23 14:24	SM	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	49594	03/27/23 10:28	KS	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	49678	03/27/23 14:29	SMC	EET MID

Client Sample ID: OB-9

Lab Sample ID: 880-26355-9

Date Collected: 03/23/23 08:40

Matrix: Solid

Date Received: 03/25/23 09:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	49585	03/27/23 10:12	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	49917	03/30/23 13:57	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			49800	03/30/23 15:16	SM	EET MID
Total/NA	Analysis	8015 NM		1			49675	03/28/23 09:22	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	49566	03/27/23 08:30	AM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	49557	03/27/23 14:46	SM	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	49594	03/27/23 10:28	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	49678	03/27/23 14:34	SMC	EET MID

Client Sample ID: OB-10

Lab Sample ID: 880-26355-10

Date Collected: 03/23/23 08:45

Matrix: Solid

Date Received: 03/25/23 09:00

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 mL	49585	03/27/23 10:12	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	49917	03/30/23 14:18	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			49800	03/30/23 15:16	SM	EET MID
Total/NA	Analysis	8015 NM		1			49675	03/28/23 09:22	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	49566	03/27/23 08:30	AM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	49557	03/27/23 15:08	SM	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	49594	03/27/23 10:28	KS	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	49678	03/27/23 14:38	SMC	EET MID

Eurofins Midland

Lab Chronicle

Client: TRC Solutions, Inc.
Project/Site: SRO S State 506/507

Job ID: 880-26355-1
SDG: Loving, NM

Client Sample ID: OB-11

Lab Sample ID: 880-26355-11

Date Collected: 03/23/23 08:50

Matrix: Solid

Date Received: 03/25/23 09:00

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 mL	49585	03/27/23 10:12	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	49917	03/30/23 15:57	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			49800	03/31/23 12:22	SM	EET MID
Total/NA	Analysis	8015 NM		1			49675	03/28/23 09:22	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	49566	03/27/23 08:30	AM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	49557	03/27/23 15:53	SM	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	49594	03/27/23 10:28	KS	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	49678	03/27/23 14:43	SMC	EET MID

Client Sample ID: OB-12

Lab Sample ID: 880-26355-12

Date Collected: 03/23/23 08:55

Matrix: Solid

Date Received: 03/25/23 09:00

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 mL	49585	03/27/23 10:12	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	49917	03/30/23 16:18	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			49800	03/31/23 12:22	SM	EET MID
Total/NA	Analysis	8015 NM		1			49675	03/28/23 09:22	SM	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	49566	03/27/23 08:30	AM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	49557	03/27/23 16:15	SM	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	49594	03/27/23 10:28	KS	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	49678	03/27/23 14:57	SMC	EET MID

Client Sample ID: OB-13

Lab Sample ID: 880-26355-13

Date Collected: 03/23/23 09:00

Matrix: Solid

Date Received: 03/25/23 09:00

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 mL	49585	03/27/23 10:12	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	49917	03/30/23 16:39	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			49800	03/31/23 12:22	SM	EET MID
Total/NA	Analysis	8015 NM		1			49675	03/28/23 09:22	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	49566	03/27/23 08:30	AM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	49557	03/27/23 16:37	SM	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	49594	03/27/23 10:28	KS	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	49678	03/27/23 15:01	SMC	EET MID

Client Sample ID: TT-1a @ 0-1'

Lab Sample ID: 880-26355-14

Date Collected: 03/23/23 10:00

Matrix: Solid

Date Received: 03/25/23 09:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	49585	03/27/23 10:12	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	49917	03/30/23 16:59	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			49800	03/31/23 12:22	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: TRC Solutions, Inc.
Project/Site: SRO S State 506/507

Job ID: 880-26355-1
SDG: Loving, NM

Client Sample ID: TT-1a @ 0-1'

Lab Sample ID: 880-26355-14

Date Collected: 03/23/23 10:00

Matrix: Solid

Date Received: 03/25/23 09:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			49675	03/28/23 09:22	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	49566	03/27/23 08:30	AM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	49557	03/27/23 17:06	SM	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	49594	03/27/23 10:28	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	49678	03/27/23 15:15	SMC	EET MID

Client Sample ID: TT-1a @ 2'

Lab Sample ID: 880-26355-15

Date Collected: 03/23/23 10:10

Matrix: Solid

Date Received: 03/25/23 09:00

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 mL	49585	03/27/23 10:12	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	49917	03/30/23 17:20	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			49800	03/31/23 12:22	SM	EET MID
Total/NA	Analysis	8015 NM		1			49675	03/28/23 09:22	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	49566	03/27/23 08:30	AM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	49557	03/27/23 17:28	SM	EET MID
Soluble	Leach	DI Leach			5 g	50 mL	49594	03/27/23 10:28	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	49678	03/27/23 15:19	SMC	EET MID

Client Sample ID: TT-1b @ 0-1'

Lab Sample ID: 880-26355-16

Date Collected: 03/23/23 10:20

Matrix: Solid

Date Received: 03/25/23 09:00

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 mL	49585	03/27/23 10:12	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	49917	03/30/23 17:41	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			49800	03/31/23 12:22	SM	EET MID
Total/NA	Analysis	8015 NM		1			49675	03/28/23 09:22	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	49566	03/27/23 08:30	AM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	49557	03/27/23 17:50	SM	EET MID
Soluble	Leach	DI Leach			5 g	50 mL	49594	03/27/23 10:28	KS	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	49678	03/27/23 15:24	SMC	EET MID

Client Sample ID: TT-1b @ 2'

Lab Sample ID: 880-26355-17

Date Collected: 03/23/23 10:30

Matrix: Solid

Date Received: 03/25/23 09:00

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 mL	49585	03/27/23 10:12	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	49917	03/30/23 18:02	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			49800	03/31/23 12:22	SM	EET MID
Total/NA	Analysis	8015 NM		1			49675	03/28/23 09:22	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	49566	03/27/23 08:30	AM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	49557	03/27/23 18:12	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: TRC Solutions, Inc.
Project/Site: SRO S State 506/507

Job ID: 880-26355-1
SDG: Loving, NM

Client Sample ID: TT-1b @ 2'

Lab Sample ID: 880-26355-17

Date Collected: 03/23/23 10:30

Matrix: Solid

Date Received: 03/25/23 09:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.01 g	50 mL	49594	03/27/23 10:28	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	49678	03/27/23 15:29	SMC	EET MID

Client Sample ID: TT-1c @ 0-1'

Lab Sample ID: 880-26355-18

Date Collected: 03/23/23 10:40

Matrix: Solid

Date Received: 03/25/23 09:00

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 mL	49585	03/27/23 10:12	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	49917	03/30/23 18:22	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			49800	03/31/23 12:22	SM	EET MID
Total/NA	Analysis	8015 NM		1			49675	03/28/23 09:22	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	49566	03/27/23 08:30	AM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	49557	03/27/23 18:34	SM	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	49594	03/27/23 10:28	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	49678	03/27/23 15:33	SMC	EET MID

Client Sample ID: TT-1c @ 2'

Lab Sample ID: 880-26355-19

Date Collected: 03/23/23 10:50

Matrix: Solid

Date Received: 03/25/23 09:00

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 mL	49585	03/27/23 10:12	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	49917	03/30/23 18:43	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			49800	03/31/23 12:22	SM	EET MID
Total/NA	Analysis	8015 NM		1			49675	03/28/23 09:22	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	49566	03/27/23 08:30	AM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	49557	03/27/23 18:56	SM	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	49594	03/27/23 10:28	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	49678	03/27/23 15:38	SMC	EET MID

Client Sample ID: TT-1d @ 0-1'

Lab Sample ID: 880-26355-20

Date Collected: 03/23/23 11:00

Matrix: Solid

Date Received: 03/25/23 09:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	49585	03/27/23 10:12	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	49917	03/30/23 19:04	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			49800	03/31/23 12:22	SM	EET MID
Total/NA	Analysis	8015 NM		1			49675	03/28/23 09:22	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	49566	03/27/23 08:30	AM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	49557	03/27/23 19:18	SM	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	49594	03/27/23 10:28	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	49678	03/27/23 15:42	SMC	EET MID

Eurofins Midland

Lab Chronicle

Client: TRC Solutions, Inc.
Project/Site: SRO S State 506/507

Job ID: 880-26355-1
SDG: Loving, NM

Client Sample ID: TT-1d @ 2'

Lab Sample ID: 880-26355-21

Date Collected: 03/23/23 11:10

Matrix: Solid

Date Received: 03/25/23 09:00

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 mL	49586	03/27/23 10:15	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	49684	03/28/23 23:06	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			49800	03/29/23 09:39	SM	EET MID
Total/NA	Analysis	8015 NM		1			49675	03/27/23 17:36	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	49567	03/27/23 08:36	AM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	49555	03/27/23 11:05	SM	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	49600	03/27/23 10:32	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	49677	03/27/23 13:39	SMC	EET MID

Client Sample ID: TT-1e @ 0-1'

Lab Sample ID: 880-26355-22

Date Collected: 03/23/23 11:20

Matrix: Solid

Date Received: 03/25/23 09:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	49586	03/27/23 10:15	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	49684	03/28/23 23:27	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			49800	03/29/23 09:39	SM	EET MID
Total/NA	Analysis	8015 NM		1			49675	03/27/23 17:36	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	49567	03/27/23 08:36	AM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	49555	03/27/23 12:12	SM	EET MID
Soluble	Leach	DI Leach			5 g	50 mL	49600	03/27/23 10:32	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	49677	03/27/23 13:44	SMC	EET MID

Client Sample ID: TT-1e @ 2'

Lab Sample ID: 880-26355-23

Date Collected: 03/23/23 11:30

Matrix: Solid

Date Received: 03/25/23 09:00

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 mL	49586	03/27/23 10:15	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	49684	03/28/23 23:47	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			49800	03/29/23 09:39	SM	EET MID
Total/NA	Analysis	8015 NM		1			49675	03/27/23 17:36	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	49567	03/27/23 08:36	AM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	49555	03/27/23 12:34	SM	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	49600	03/27/23 10:32	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	49677	03/27/23 13:58	SMC	EET MID

Client Sample ID: SW-1

Lab Sample ID: 880-26355-24

Date Collected: 03/23/23 11:40

Matrix: Solid

Date Received: 03/25/23 09:00

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 mL	49586	03/27/23 10:15	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	49684	03/29/23 00:08	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			49800	03/29/23 09:39	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: TRC Solutions, Inc.
Project/Site: SRO S State 506/507

Job ID: 880-26355-1
SDG: Loving, NM

Client Sample ID: SW-1

Lab Sample ID: 880-26355-24

Date Collected: 03/23/23 11:40

Matrix: Solid

Date Received: 03/25/23 09:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			49675	03/27/23 17:36	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	49567	03/27/23 08:36	AM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	49555	03/27/23 12:56	SM	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	49600	03/27/23 10:32	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	49677	03/27/23 14:03	SMC	EET MID

Client Sample ID: SW-2

Lab Sample ID: 880-26355-25

Date Collected: 03/23/23 11:50

Matrix: Solid

Date Received: 03/25/23 09:00

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 mL	49586	03/27/23 10:15	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	49684	03/29/23 00:28	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			49800	03/29/23 09:39	SM	EET MID
Total/NA	Analysis	8015 NM		1			49675	03/27/23 17:36	SM	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	49567	03/27/23 08:36	AM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	49555	03/27/23 13:19	SM	EET MID
Soluble	Leach	DI Leach			5 g	50 mL	49600	03/27/23 10:32	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	49677	03/27/23 14:08	SMC	EET MID

Client Sample ID: FL-1 @ 16'

Lab Sample ID: 880-26355-26

Date Collected: 03/24/23 08:00

Matrix: Solid

Date Received: 03/25/23 09:00

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 mL	49586	03/27/23 10:15	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	49684	03/29/23 00:49	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			49800	03/29/23 09:39	SM	EET MID
Total/NA	Analysis	8015 NM		1			49675	03/27/23 17:36	SM	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	49567	03/27/23 08:36	AM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	49555	03/27/23 13:40	SM	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	49600	03/27/23 10:32	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	49677	03/27/23 14:13	SMC	EET MID

Client Sample ID: SW-3

Lab Sample ID: 880-26355-27

Date Collected: 03/24/23 12:00

Matrix: Solid

Date Received: 03/25/23 09:00

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 mL	49586	03/27/23 10:15	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	49684	03/29/23 01:09	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			49800	03/29/23 09:39	SM	EET MID
Total/NA	Analysis	8015 NM		1			49675	03/27/23 17:36	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	49567	03/27/23 08:36	AM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	49555	03/27/23 14:02	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: TRC Solutions, Inc.
Project/Site: SRO S State 506/507

Job ID: 880-26355-1
SDG: Loving, NM

Client Sample ID: SW-3

Date Collected: 03/24/23 12:00

Date Received: 03/25/23 09:00

Lab Sample ID: 880-26355-27

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.01 g	50 mL	49600	03/27/23 10:32	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	49677	03/27/23 14:18	SMC	EET MID

Client Sample ID: SW-4

Date Collected: 03/24/23 12:10

Date Received: 03/25/23 09:00

Lab Sample ID: 880-26355-28

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	49586	03/27/23 10:15	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	49684	03/29/23 01:30	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			49800	03/29/23 09:39	SM	EET MID
Total/NA	Analysis	8015 NM		1			49675	03/27/23 17:36	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	49567	03/27/23 08:36	AM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	49555	03/27/23 14:24	SM	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	49600	03/27/23 10:32	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	49677	03/27/23 14:22	SMC	EET MID

Client Sample ID: Dup-1

Date Collected: 03/24/23 00:00

Date Received: 03/25/23 09:00

Lab Sample ID: 880-26355-29

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	49586	03/27/23 10:15	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	49684	03/29/23 01:50	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			49800	03/29/23 09:39	SM	EET MID
Total/NA	Analysis	8015 NM		1			49675	03/27/23 17:36	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	49567	03/27/23 08:36	AM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	49555	03/27/23 14:46	SM	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	49600	03/27/23 10:32	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	49677	03/27/23 14:37	SMC	EET MID

Client Sample ID: Dup-2

Date Collected: 03/24/23 00:00

Date Received: 03/25/23 09:00

Lab Sample ID: 880-26355-30

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	49586	03/27/23 10:15	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	49684	03/29/23 02:10	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			49800	03/29/23 09:39	SM	EET MID
Total/NA	Analysis	8015 NM		1			49675	03/27/23 17:36	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	49567	03/27/23 08:36	AM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	49555	03/27/23 15:08	SM	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	49600	03/27/23 10:32	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	49677	03/27/23 14:42	SMC	EET MID

Eurofins Midland

Lab Chronicle

Client: TRC Solutions, Inc.
Project/Site: SRO S State 506/507

Job ID: 880-26355-1
SDG: Loving, NM

Laboratory References:
EET MID = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

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

Accreditation/Certification Summary

Client: TRC Solutions, Inc.
Project/Site: SRO S State 506/507

Job ID: 880-26355-1
SDG: Loving, NM

Laboratory: Eurofins Midland

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

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704400-22-25	06-30-23

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
8015 NM		Solid	Total TPH
Total BTEX		Solid	Total BTEX

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

Method Summary

Client: TRC Solutions, Inc.
Project/Site: SRO S State 506/507

Job ID: 880-26355-1
SDG: Loving, NM

Method	Method Description	Protocol	Laboratory
8021B	Volatile Organic Compounds (GC)	SW846	EET MID
Total BTEX	Total BTEX Calculation	TAL SOP	EET MID
8015 NM	Diesel Range Organics (DRO) (GC)	SW846	EET MID
8015B NM	Diesel Range Organics (DRO) (GC)	SW846	EET MID
300.0	Anions, Ion Chromatography	EPA	EET MID
5035	Closed System Purge and Trap	SW846	EET MID
8015NM Prep	Microextraction	SW846	EET MID
DI Leach	Deionized Water Leaching Procedure	ASTM	EET MID

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.
- TAL SOP = TestAmerica Laboratories, Standard Operating Procedure

Laboratory References:

- EET MID = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

Sample Summary

Client: TRC Solutions, Inc.
Project/Site: SRO S State 506/507

Job ID: 880-26355-1
SDG: Loving, NM

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
880-26355-1	OB-1	Solid	03/23/23 08:00	03/25/23 09:00
880-26355-2	OB-2	Solid	03/23/23 08:05	03/25/23 09:00
880-26355-3	OB-3	Solid	03/23/23 08:10	03/25/23 09:00
880-26355-4	OB-4	Solid	03/23/23 08:15	03/25/23 09:00
880-26355-5	OB-5	Solid	03/23/23 08:20	03/25/23 09:00
880-26355-6	OB-6	Solid	03/23/23 08:25	03/25/23 09:00
880-26355-7	OB-7	Solid	03/23/23 08:30	03/25/23 09:00
880-26355-8	OB-8	Solid	03/23/23 08:35	03/25/23 09:00
880-26355-9	OB-9	Solid	03/23/23 08:40	03/25/23 09:00
880-26355-10	OB-10	Solid	03/23/23 08:45	03/25/23 09:00
880-26355-11	OB-11	Solid	03/23/23 08:50	03/25/23 09:00
880-26355-12	OB-12	Solid	03/23/23 08:55	03/25/23 09:00
880-26355-13	OB-13	Solid	03/23/23 09:00	03/25/23 09:00
880-26355-14	TT-1a @ 0-1'	Solid	03/23/23 10:00	03/25/23 09:00
880-26355-15	TT-1a @ 2'	Solid	03/23/23 10:10	03/25/23 09:00
880-26355-16	TT-1b @ 0-1'	Solid	03/23/23 10:20	03/25/23 09:00
880-26355-17	TT-1b @ 2'	Solid	03/23/23 10:30	03/25/23 09:00
880-26355-18	TT-1c @ 0-1'	Solid	03/23/23 10:40	03/25/23 09:00
880-26355-19	TT-1c @ 2'	Solid	03/23/23 10:50	03/25/23 09:00
880-26355-20	TT-1d @ 0-1'	Solid	03/23/23 11:00	03/25/23 09:00
880-26355-21	TT-1d @ 2'	Solid	03/23/23 11:10	03/25/23 09:00
880-26355-22	TT-1e @ 0-1'	Solid	03/23/23 11:20	03/25/23 09:00
880-26355-23	TT-1e @ 2'	Solid	03/23/23 11:30	03/25/23 09:00
880-26355-24	SW-1	Solid	03/23/23 11:40	03/25/23 09:00
880-26355-25	SW-2	Solid	03/23/23 11:50	03/25/23 09:00
880-26355-26	FL-1 @ 16'	Solid	03/24/23 08:00	03/25/23 09:00
880-26355-27	SW-3	Solid	03/24/23 12:00	03/25/23 09:00
880-26355-28	SW-4	Solid	03/24/23 12:10	03/25/23 09:00
880-26355-29	Dup-1	Solid	03/24/23 00:00	03/25/23 09:00
880-26355-30	Dup-2	Solid	03/24/23 00:00	03/25/23 09:00



Environment est
Xenco

Houston, TX (281) 240-4200, Dallas, TX (214) 902-0300
Midland, TX (432) 704-5440, San Antonio, TX (210) 509-3334
El Paso, TX (915) 585-3443 Lubbock, TX (806) 794-1296
Hobbs NM (575) 392-7550, Carlsbad, NM (575) 988-3199

Chain of Custody

Work Order No: 210355

www.xenco.com Page 1 of 3

Project Manager:	Jared Steele	Bill to: (if different)	
Company Name:	TOC	Company Name:	
Address:	10 Dexta Dr, Ste 130E	Address:	
City, State ZIP:	Midland, TX 79705	City, State ZIP:	
Phone:	932-238-3003	Email:	Jared.Mitchell@xenco.com

Work Order Comments	
Program:	UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐
State of Project:	AWM
Reporting Level II	☐ Level III ☐ PST/UST ☐ TRRP ☐ Level IV ☐
Deliverables	EDD ☐ ADAPT ☐ Other ☐

Project Name:	PRO 5 Site 506/507	Turn Around	☐ Routine ☒ Rush 24 hr	Pres. Code	
Project Number:	450171				
Project Location:	Leaving NM	Due Date:			
Sampler's Name:	Mitch Bryant	TAT starts the day received by the lab, if received by 4:30pm			
PO #					
SAMPLE RECEIPT					
Samples Received Inact:	Temp Blank	Yes ☒ No ☐	Wet Ice	Yes ☒ No ☐	
Cooler Custody Seals:	Yes ☒ No ☐ (N/A)	Thermometer ID:			
Sample Custody Seals:	Yes ☒ No ☐ (N/A)	Correction Factor:	-0.3		
Total Containers:		Temperature Reading	23		
		Corrected Temperature:	2.0		

Sample Identification	Matrix	Date Sampled	Time Sampled	Depth	Grab/Comp	# of Cont	Parameters	ANALYSIS REQUEST	Preservative Codes	Sample Comments
08-1	SS	3/23/23	0800	1	C	1	X TPH 8015M X BTEX 8021B X Chloride			4oz
08-2			0805							
08-3			0810							
08-4			0815							
08-5			0820							
08-6			0825							
08-7			0830							
08-8			0835							
08-9			0840							
08-10			0845							



860-26355 Chain of Custody

Total 200.7 / 6010	200.8 / 6020:	8RCRA 13PPM	Texas 11	Al	Sb	As	Ba	Be	B	Cd	Ca	Cr	Co	Cu	F	Fe	Pb	Mg	Mn	Mo	Ni	K	Se	Ag	SiO ₂	Na	Sr	11	Sn	U	V	Zn			
Circle Method(s) and Metal(s) to be analyzed		TCP / SPLP 6010		8RCRA 5b		As		Ba		Be		Cd		Cr		Co		Cu		Pb		Mn		Mo		Ni		Se		Ag		Ti		U	

Note: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Eurofins Xenco, its affiliates and subcontractors. It assigns standard terms and conditions of service. Eurofins Xenco will be liable only for the cost of samples and shall not assume any responsibility for any losses or expenses incurred by the client if such losses are due to circumstances beyond the control of Eurofins Xenco. A minimum charge of \$85.00 will be applied to each project and a charge of \$5 for each sample submitted to Eurofins Xenco, but not analyzed. These terms will be enforced unless previously negotiated.

Relinquished by (Signature)	Received by (Signature)	Date/Time	Relinquished by (Signature)	Received by (Signature)	Date/Time
1 M. Bryant	2	3/23/23 9:00	3		
4			5		
6					



ENVIRONMENTAL
XENCO

Chain of Custody

Houston, TX (281) 240-4200, Dallas, TX (214) 902-0300
Midland, TX (432) 704-5440, San Antonio, TX (210) 509-3334
El Paso, TX (915) 585-3443 Lubbock, TX (806) 794-1296
Hobbs, NM (575) 392-7550 Carlsbad, NM (575) 988-3199

Work Order No: 210355

www.xenco.com Page 2 of 3

Project Manager	Tara Stiefel	Bill to (if different)	
Company Name	TRC	Company Name	
Address	10 Delta Dr Ste 130E	Address	
City, State ZIP	Muskegon, MI 49705	City, State ZIP	
Phone	231-238-0904	Email	Tara.Stiefel@trc.com

Work Order Comments	
Program:	UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐
State of Project:	NYM
Reporting Level II	☐ Level III ☐ PST/UST ☐ TRRP ☐ Level IV ☐
Deliverables	EDD ☐ ADAPT ☐ Other

Project Name	5805 State 506/507	Turn Around	24 hr
Project Number	450171	☐ Routine ☒ Rush	
Project Location	Lowry, MI	Due Date	
Sampler's Name	Mick Bergant	TAT starts the day received by the lab, if received by 4:30pm	
P.O. #			
SAMPLE RECEIPT	Temp Blank: ☒ Yes ☒ No	Wet Ice: ☒ Yes ☒ No	
Samples Received Intact:	☒ Yes ☒ No	Thermometer ID:	1R-8
Cooler Custody Seals:	☒ Yes ☒ No	Correction Factor:	-0.3
Sample Custody Seals:	☒ Yes ☒ No	Temperature Reading	2.3
Total Containers:		Corrected Temperature:	2.0

Sample Identification	Matrix	Date Sampled	Time Sampled	Depth	Grab/Comp	# of Cont	Parameters	ANALYSIS REQUEST	Preservative Codes	Sample Comments
08-11	55	8/23/23	0850	1	C	1	X TPH 8015M		None NO	DI Water H ₂ O
08-12			0855	1			X BTEX 8021B		Cool Cool	MeOH Me
08-13			0900	1			X Chloride		HCL HC	HNO ₃ HN
PI-1a @ 0-1'			1000	1'					H ₂ SO ₄ H ₂	NaOH Na
PI-1a @ 2-1'			1010	2'					H ₃ PO ₄ HP	
PI-1b @ 0-1'			1020	1'					NaHSO ₄ a, NABIS	
PI-1b @ 2-1'			1030	2'					Na ₂ S ₂ O ₃ NaSO ₃	
PI-1c @ 0-1'			1040	1'					Zn Acetate+NaOH Zn	
PI-1c @ 2-1'			1050	2'					NaOH+Ascorbic Acid SACP	
PI-1d @ 0-1'			1100	1'						

Total 2000.7 / 6010 2008 / 6020: 8RCRA 13PPM Texas 11 Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO₂ Na Sr Ti Sn U V Zn
Circle Method(s) and Metal(s) to be analyzed TCLP / SPLP 6010 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Ti U Hg 1631 / 2451 / 7470 / 7471

Notice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Eurofins Xenco, its affiliates and subcontractors. It assigns standard terms and conditions of service. Eurofins Xenco will be liable only for the cost of samples and shall not assume any responsibility for any losses or expenses incurred by the client if such losses are due to circumstances beyond the control of Eurofins Xenco. A minimum charge of \$85.00 will be applied to each project and a charge of \$5 for each sample submitted to Eurofins Xenco, but not analyzed. These terms will be enforced unless previously negotiated.

Relinquished by (Signature)	Received by (Signature)	Date/Time	Relinquished by (Signature)	Received by (Signature)	Date/Time
Mick Bergant		8/23/23 9:00			



Laboratory Testing
Xenco

Houston, TX (281) 240-4200, Dallas, TX (214) 902-0300
Midland, TX (432) 704-5440, San Antonio, TX (210) 509-3334
El Paso, TX (915) 585-3443, Lubbock, TX (806) 794-1296
Hobbs, NM (575) 392-7550, Carlsbad, NM (575) 988-3199

Chain of Custody

Work Order No: 210355

www.xenco.com Page 3 of 3

Project Manager	Jared Stuffle	Bill to: (if different)	
Company Name	TRC	Company Name	
Address	10 Delta Dr. Ste 130E	Address	
City, State ZIP	Midland, TX 79705	City, State ZIP	
Phone	432-238-3003	Email	Jared.McIntire@xenco.com

Program: ☐ UST/PT ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐	
State of Project: NM	
Reporting Level II ☐ Level III ☐ PST/UST ☐ TRRP ☐ Level IV ☐	Deliverables EDD ☐ ADAPT ☐ Other ☐

Project Name	SRC 5 Stee 506/507	Turn Around	
Project Number	450171	☐ Routine ☒ Rush	Pres. Code
Project Location	Loving, NM	Due Date	
Sampler's Name	Misha Byers	TAT starts the day received by the lab, if received by 4:30pm	
PO #			
SAMPLE RECEIPT	Temp Blank: ☒ Yes ☒ No	Wet Ice: ☒ Yes ☒ No	Parameters
Samples Received Intact:	☒ Yes ☒ No	Thermometer ID	
Cooler Custody Seals:	☒ Yes ☒ No	Correction Factor	
Sample Custody Seals:	☒ Yes ☒ No	Temperature Reading	
Total Containers:		Corrected Temperature	

Sample Identification	Matrix	Date Sampled	Time Sampled	Depth	Grab/Comp	# of Cont	ANALYSIS REQUEST	Preservative Codes	Sample Comments
IT-1a @ 2'	SS	3/23/23	1110	2'	C	1	X TPH 8015M	None NO	DI Water H ₂ O
IT-1e @ 0-1'			1120	0-1'			X BTEX 8021B	Cool Cool	MeOH Me
IT-1e @ 2'			1130	2'			X Chloride	HCL, HC	HNO ₃ HN
SW-1			1140					H ₂ SO ₄ H ₂	NaOH Na
SW-2			1150					H ₃ PO ₄ HP	
FL-1 @ 16'		3/24/23	0800	16'				NaHSO ₄ NABIS	
SW-3			1200					Na ₂ S ₂ O ₃ NaSO ₃	
SW-4			1210					Zn Acetate+NaOH Zn	
Dup-1								NaOH+Ascorbic Acid SABC	
Dup-2									

Total 200.7 / 6010 200.8 / 6020: 8RCRA 13PPM Texas 11 Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO₂ Na Sr Ti Sn U V Zn
Circle Method(s) and Metal(s) to be analyzed TCLP / SPLP 6010 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Ti U Hg 1631 / 2451 / 7470 / 7471

Notice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Eurofins Xenco, its affiliates and subcontractors. It assigns standard terms and conditions of service. Eurofins Xenco will be liable only for the cost of samples and shall not assume any responsibility for any losses or expenses incurred by the client if such losses are due to circumstances beyond the control of Eurofins Xenco. A minimum charge of \$85.00 will be applied to each project and a charge of \$5 for each sample submitted to Eurofins Xenco, but not analyzed. These terms will be enforced unless previously negotiated.

Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
Misha Byers		3/25/23 9:05			

Login Sample Receipt Checklist

Client: TRC Solutions, Inc.

Job Number: 880-26355-1

SDG Number: Loving, NM

Login Number: 26355

List Number: 1

Creator: Rodriguez, Leticia

List Source: Eurofins Midland

Question	Answer	Comment
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	
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	



Environment Testing

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

ANALYTICAL REPORT

PREPARED FOR

Attn: Jared Stoffel
TRC Solutions, Inc.
10 Desta Drive
Suite #130E
Midland, Texas 79705

Generated 3/31/2023 12:13:49 PM

JOB DESCRIPTION

SRO 5 State 506/507
SDG NUMBER Loving, NM

JOB NUMBER

880-26487-1

Eurofins Midland
1211 W. Florida Ave
Midland TX 79701



Eurofins Midland

Job Notes

Analytical test results meet all requirements of the associated regulatory program (i.e., NELAC (TNI), DoD, and ISO 17025) unless otherwise noted under the individual analysis.

Authorization



Generated
3/31/2023 12:13:49 PM

Authorized for release by
Jessica Kramer, Project Manager
Jessica.Kramer@et.eurofinsus.com
(432)704-5440

Client: TRC Solutions, Inc.
Project/Site: SRO 5 State 506/507

Laboratory Job ID: 880-26487-1
SDG: Loving, NM

Table of Contents

Cover Page	1
Table of Contents	3
Definitions/Glossary	4
Case Narrative	5
Client Sample Results	6
Surrogate Summary	10
QC Sample Results	11
QC Association Summary	15
Lab Chronicle	17
Certification Summary	19
Method Summary	20
Sample Summary	21
Chain of Custody	22
Receipt Checklists	23

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

Definitions/Glossary

Client: TRC Solutions, Inc.
Project/Site: SRO 5 State 506/507

Job ID: 880-26487-1
SDG: Loving, NM

Qualifiers

GC VOA

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

GC Semi VOA

Qualifier	Qualifier Description
S1+	Surrogate recovery exceeds control limits, high 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.
U	Indicates the analyte was analyzed for but not detected.

Glossary

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

Case Narrative

Client: TRC Solutions, Inc.
Project/Site: SRO 5 State 506/507

Job ID: 880-26487-1
SDG: Loving, NM

Job ID: 880-26487-1

Laboratory: Eurofins Midland

Narrative

Job Narrative
880-26487-1

Receipt

The samples were received on 3/28/2023 4:36 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 5.4°C

Receipt Exceptions

The following samples were received and analyzed from an unpreserved bulk soil jar: OB-14 (880-26487-1), OB-15 (880-26487-2), OB-16 (880-26487-3), OB-17 (880-26487-4) and Dup-3 (880-26487-5).

GC VOA

Method 8021B: Surrogate recovery for the following sample was outside control limits: (880-26413-A-1-E). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

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

GC Semi VOA

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: (LCS 880-49807/2-A) and (LCSD 880-49807/3-A). Evidence of matrix interferences is not obvious.

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

HPLC/IC

Method 300_ORGFM_28D: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-49770 and analytical batch 880-49847 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. OB-14 (880-26487-1), OB-15 (880-26487-2), OB-16 (880-26487-3), OB-17 (880-26487-4), Dup-3 (880-26487-5), (880-26485-A-9-A), (880-26485-A-9-B MS) and (880-26485-A-9-C MSD)

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

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

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: SRO 5 State 506/507

Job ID: 880-26487-1
SDG: Loving, NM

Client Sample ID: OB-14

Lab Sample ID: 880-26487-1

Date Collected: 03/28/23 09:00

Matrix: Solid

Date Received: 03/28/23 16:36

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202	mg/Kg		03/29/23 10:15	03/30/23 16:33	1
Toluene	<0.00202	U	0.00202	mg/Kg		03/29/23 10:15	03/30/23 16:33	1
Ethylbenzene	<0.00202	U	0.00202	mg/Kg		03/29/23 10:15	03/30/23 16:33	1
m-Xylene & p-Xylene	<0.00404	U	0.00404	mg/Kg		03/29/23 10:15	03/30/23 16:33	1
o-Xylene	<0.00202	U	0.00202	mg/Kg		03/29/23 10:15	03/30/23 16:33	1
Xylenes, Total	<0.00404	U	0.00404	mg/Kg		03/29/23 10:15	03/30/23 16:33	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	81		70 - 130	03/29/23 10:15	03/30/23 16:33	1
1,4-Difluorobenzene (Surr)	102		70 - 130	03/29/23 10:15	03/30/23 16:33	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404	mg/Kg			03/31/23 12:18	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9	mg/Kg			03/30/23 12:10	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9	mg/Kg		03/29/23 10:16	03/30/23 02:38	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9	mg/Kg		03/29/23 10:16	03/30/23 02:38	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg		03/29/23 10:16	03/30/23 02:38	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	106		70 - 130	03/29/23 10:16	03/30/23 02:38	1
o-Terphenyl	117		70 - 130	03/29/23 10:16	03/30/23 02:38	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	854		4.95	mg/Kg			03/29/23 09:36	1

Client Sample ID: OB-15

Lab Sample ID: 880-26487-2

Date Collected: 03/28/23 09:10

Matrix: Solid

Date Received: 03/28/23 16:36

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198	mg/Kg		03/29/23 10:15	03/30/23 16:53	1
Toluene	<0.00198	U	0.00198	mg/Kg		03/29/23 10:15	03/30/23 16:53	1
Ethylbenzene	<0.00198	U	0.00198	mg/Kg		03/29/23 10:15	03/30/23 16:53	1
m-Xylene & p-Xylene	<0.00396	U	0.00396	mg/Kg		03/29/23 10:15	03/30/23 16:53	1
o-Xylene	<0.00198	U	0.00198	mg/Kg		03/29/23 10:15	03/30/23 16:53	1
Xylenes, Total	<0.00396	U	0.00396	mg/Kg		03/29/23 10:15	03/30/23 16:53	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	87		70 - 130	03/29/23 10:15	03/30/23 16:53	1
1,4-Difluorobenzene (Surr)	99		70 - 130	03/29/23 10:15	03/30/23 16:53	1

Eurofins Midland

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: SRO 5 State 506/507

Job ID: 880-26487-1
SDG: Loving, NM

Client Sample ID: OB-15

Lab Sample ID: 880-26487-2

Date Collected: 03/28/23 09:10

Matrix: Solid

Date Received: 03/28/23 16:36

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396	mg/Kg			03/31/23 12:18	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0	mg/Kg			03/30/23 12:10	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0	mg/Kg		03/29/23 10:16	03/30/23 03:00	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		03/29/23 10:16	03/30/23 03:00	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		03/29/23 10:16	03/30/23 03:00	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	99		70 - 130			03/29/23 10:16	03/30/23 03:00	1
o-Terphenyl	107		70 - 130			03/29/23 10:16	03/30/23 03:00	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	864		4.97	mg/Kg			03/29/23 09:41	1

Client Sample ID: OB-16

Lab Sample ID: 880-26487-3

Date Collected: 03/28/23 09:20

Matrix: Solid

Date Received: 03/28/23 16:36

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199	mg/Kg		03/29/23 10:15	03/30/23 17:14	1
Toluene	<0.00199	U	0.00199	mg/Kg		03/29/23 10:15	03/30/23 17:14	1
Ethylbenzene	<0.00199	U	0.00199	mg/Kg		03/29/23 10:15	03/30/23 17:14	1
m-Xylene & p-Xylene	<0.00398	U	0.00398	mg/Kg		03/29/23 10:15	03/30/23 17:14	1
o-Xylene	<0.00199	U	0.00199	mg/Kg		03/29/23 10:15	03/30/23 17:14	1
Xylenes, Total	<0.00398	U	0.00398	mg/Kg		03/29/23 10:15	03/30/23 17:14	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	87		70 - 130			03/29/23 10:15	03/30/23 17:14	1
1,4-Difluorobenzene (Surr)	91		70 - 130			03/29/23 10:15	03/30/23 17:14	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398	mg/Kg			03/31/23 12:18	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9	mg/Kg			03/30/23 12:10	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9	mg/Kg		03/29/23 10:16	03/30/23 03:21	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9	mg/Kg		03/29/23 10:16	03/30/23 03:21	1

Eurofins Midland

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: SRO 5 State 506/507

Job ID: 880-26487-1
SDG: Loving, NM

Client Sample ID: OB-16

Lab Sample ID: 880-26487-3

Date Collected: 03/28/23 09:20

Matrix: Solid

Date Received: 03/28/23 16:36

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg		03/29/23 10:16	03/30/23 03:21	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	105		70 - 130			03/29/23 10:16	03/30/23 03:21	1
o-Terphenyl	113		70 - 130			03/29/23 10:16	03/30/23 03:21	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	904		5.01	mg/Kg			03/29/23 09:46	1

Client Sample ID: OB-17

Lab Sample ID: 880-26487-4

Date Collected: 03/28/23 09:30

Matrix: Solid

Date Received: 03/28/23 16:36

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199	mg/Kg		03/29/23 10:15	03/30/23 17:34	1
Toluene	<0.00199	U	0.00199	mg/Kg		03/29/23 10:15	03/30/23 17:34	1
Ethylbenzene	<0.00199	U	0.00199	mg/Kg		03/29/23 10:15	03/30/23 17:34	1
m-Xylene & p-Xylene	<0.00398	U	0.00398	mg/Kg		03/29/23 10:15	03/30/23 17:34	1
o-Xylene	<0.00199	U	0.00199	mg/Kg		03/29/23 10:15	03/30/23 17:34	1
Xylenes, Total	<0.00398	U	0.00398	mg/Kg		03/29/23 10:15	03/30/23 17:34	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	108		70 - 130			03/29/23 10:15	03/30/23 17:34	1
1,4-Difluorobenzene (Surr)	83		70 - 130			03/29/23 10:15	03/30/23 17:34	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398	mg/Kg			03/31/23 12:18	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9	mg/Kg			03/30/23 12:10	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9	mg/Kg		03/29/23 10:16	03/30/23 03:43	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9	mg/Kg		03/29/23 10:16	03/30/23 03:43	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg		03/29/23 10:16	03/30/23 03:43	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	106		70 - 130			03/29/23 10:16	03/30/23 03:43	1
o-Terphenyl	113		70 - 130			03/29/23 10:16	03/30/23 03:43	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	875		5.02	mg/Kg			03/29/23 09:51	1

Eurofins Midland

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: SRO 5 State 506/507

Job ID: 880-26487-1
SDG: Loving, NM

Client Sample ID: Dup-3

Lab Sample ID: 880-26487-5

Date Collected: 03/28/23 00:00

Matrix: Solid

Date Received: 03/28/23 16:36

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		03/29/23 10:15	03/30/23 17:55	1
Toluene	<0.00200	U	0.00200	mg/Kg		03/29/23 10:15	03/30/23 17:55	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		03/29/23 10:15	03/30/23 17:55	1
m-Xylene & p-Xylene	<0.00399	U	0.00399	mg/Kg		03/29/23 10:15	03/30/23 17:55	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		03/29/23 10:15	03/30/23 17:55	1
Xylenes, Total	<0.00399	U	0.00399	mg/Kg		03/29/23 10:15	03/30/23 17:55	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	94		70 - 130	03/29/23 10:15	03/30/23 17:55	1
1,4-Difluorobenzene (Surr)	104		70 - 130	03/29/23 10:15	03/30/23 17:55	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399	mg/Kg			03/31/23 12:18	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0	mg/Kg			03/30/23 12:10	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0	mg/Kg		03/29/23 10:16	03/30/23 04:05	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		03/29/23 10:16	03/30/23 04:05	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		03/29/23 10:16	03/30/23 04:05	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	113		70 - 130	03/29/23 10:16	03/30/23 04:05	1
o-Terphenyl	126		70 - 130	03/29/23 10:16	03/30/23 04:05	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	842		5.03	mg/Kg			03/29/23 09:56	1

Surrogate Summary

Client: TRC Solutions, Inc.
Project/Site: SRO 5 State 506/507

Job ID: 880-26487-1
SDG: Loving, NM

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid

Prep Type: Total/NA

Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	BFB1 (70-130)	DFBZ1 (70-130)
880-26413-A-1-C MS	Matrix Spike	95	112
880-26413-A-1-D MSD	Matrix Spike Duplicate	107	103
880-26487-1	OB-14	81	102
880-26487-2	OB-15	87	99
880-26487-3	OB-16	87	91
880-26487-4	OB-17	108	83
880-26487-5	Dup-3	94	104
LCS 880-49806/1-A	Lab Control Sample	90	114
LCSD 880-49806/2-A	Lab Control Sample Dup	92	114
MB 880-49806/5-A	Method Blank	72	97

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)

DFBZ = 1,4-Difluorobenzene (Surr)

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

Matrix: Solid

Prep Type: Total/NA

Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	1CO1 (70-130)	OTPH1 (70-130)
880-26292-A-41-B MS	Matrix Spike	110	110
880-26292-A-41-C MSD	Matrix Spike Duplicate	105	108
880-26487-1	OB-14	106	117
880-26487-2	OB-15	99	107
880-26487-3	OB-16	105	113
880-26487-4	OB-17	106	113
880-26487-5	Dup-3	113	126
LCS 880-49807/2-A	Lab Control Sample	127	138 S1+
LCSD 880-49807/3-A	Lab Control Sample Dup	126	136 S1+
MB 880-49807/1-A	Method Blank	115	129

Surrogate Legend

1CO = 1-Chlorooctane

OTPH = o-Terphenyl

QC Sample Results

Client: TRC Solutions, Inc.
Project/Site: SRO 5 State 506/507

Job ID: 880-26487-1
SDG: Loving, NM

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-49806/5-A

Matrix: Solid

Analysis Batch: 49916

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 49806

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		03/29/23 10:15	03/30/23 10:47	1
Toluene	<0.00200	U	0.00200	mg/Kg		03/29/23 10:15	03/30/23 10:47	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		03/29/23 10:15	03/30/23 10:47	1
m-Xylene & p-Xylene	<0.00400	U	0.00400	mg/Kg		03/29/23 10:15	03/30/23 10:47	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		03/29/23 10:15	03/30/23 10:47	1
Xylenes, Total	<0.00400	U	0.00400	mg/Kg		03/29/23 10:15	03/30/23 10:47	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	72		70 - 130	03/29/23 10:15	03/30/23 10:47	1
1,4-Difluorobenzene (Surr)	97		70 - 130	03/29/23 10:15	03/30/23 10:47	1

Lab Sample ID: LCS 880-49806/1-A

Matrix: Solid

Analysis Batch: 49916

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 49806

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.1279		mg/Kg		128	70 - 130
Toluene	0.100	0.1063		mg/Kg		106	70 - 130
Ethylbenzene	0.100	0.09803		mg/Kg		98	70 - 130
m-Xylene & p-Xylene	0.200	0.2012		mg/Kg		101	70 - 130
o-Xylene	0.100	0.1006		mg/Kg		101	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	90		70 - 130
1,4-Difluorobenzene (Surr)	114		70 - 130

Lab Sample ID: LCSD 880-49806/2-A

Matrix: Solid

Analysis Batch: 49916

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 49806

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.1170		mg/Kg		117	70 - 130	9	35
Toluene	0.100	0.09934		mg/Kg		99	70 - 130	7	35
Ethylbenzene	0.100	0.09051		mg/Kg		91	70 - 130	8	35
m-Xylene & p-Xylene	0.200	0.1833		mg/Kg		92	70 - 130	9	35
o-Xylene	0.100	0.09201		mg/Kg		92	70 - 130	9	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	92		70 - 130
1,4-Difluorobenzene (Surr)	114		70 - 130

Lab Sample ID: 880-26413-A-1-C MS

Matrix: Solid

Analysis Batch: 49916

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 49806

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00198	U	0.0998	0.1080		mg/Kg		108	70 - 130
Toluene	<0.00198	U	0.0998	0.09466		mg/Kg		95	70 - 130

Eurofins Midland

QC Sample Results

Client: TRC Solutions, Inc.
Project/Site: SRO 5 State 506/507

Job ID: 880-26487-1
SDG: Loving, NM

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: 880-26413-A-1-C MS

Matrix: Solid

Analysis Batch: 49916

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 49806

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Ethylbenzene	<0.00198	U	0.0998	0.08655		mg/Kg		87	70 - 130
m-Xylene & p-Xylene	<0.00396	U	0.200	0.1762		mg/Kg		88	70 - 130
o-Xylene	<0.00198	U	0.0998	0.08842		mg/Kg		88	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	95		70 - 130
1,4-Difluorobenzene (Surr)	112		70 - 130

Lab Sample ID: 880-26413-A-1-D MSD

Matrix: Solid

Analysis Batch: 49916

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 49806

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00198	U	0.101	0.1012		mg/Kg		100	70 - 130	6	35
Toluene	<0.00198	U	0.101	0.1004		mg/Kg		100	70 - 130	6	35
Ethylbenzene	<0.00198	U	0.101	0.09804		mg/Kg		97	70 - 130	12	35
m-Xylene & p-Xylene	<0.00396	U	0.202	0.2080		mg/Kg		103	70 - 130	17	35
o-Xylene	<0.00198	U	0.101	0.1049		mg/Kg		104	70 - 130	17	35

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	107		70 - 130
1,4-Difluorobenzene (Surr)	103		70 - 130

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

Lab Sample ID: MB 880-49807/1-A

Matrix: Solid

Analysis Batch: 49779

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 49807

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0	mg/Kg		03/29/23 10:16	03/29/23 20:09	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		03/29/23 10:16	03/29/23 20:09	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		03/29/23 10:16	03/29/23 20:09	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	115		70 - 130	03/29/23 10:16	03/29/23 20:09	1
o-Terphenyl	129		70 - 130	03/29/23 10:16	03/29/23 20:09	1

Lab Sample ID: LCS 880-49807/2-A

Matrix: Solid

Analysis Batch: 49779

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 49807

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	889.0		mg/Kg		89	70 - 130
Diesel Range Organics (Over C10-C28)	1000	872.5		mg/Kg		87	70 - 130

Eurofins Midland

QC Sample Results

Client: TRC Solutions, Inc.
Project/Site: SRO 5 State 506/507

Job ID: 880-26487-1
SDG: Loving, NM

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

Lab Sample ID: LCS 880-49807/2-A
Matrix: Solid
Analysis Batch: 49779

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 49807

	LCS	LCS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	127		70 - 130
o-Terphenyl	138	S1+	70 - 130

Lab Sample ID: LCSD 880-49807/3-A
Matrix: Solid
Analysis Batch: 49779

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 49807

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	887.1		mg/Kg		89	70 - 130	0	20
Diesel Range Organics (Over C10-C28)	1000	886.9		mg/Kg		89	70 - 130	2	20

	LCSD	LCSD	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	126		70 - 130
o-Terphenyl	136	S1+	70 - 130

Lab Sample ID: 880-26292-A-41-B MS
Matrix: Solid
Analysis Batch: 49779

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 49807

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	998	959.7		mg/Kg		94	70 - 130		
Diesel Range Organics (Over C10-C28)	<50.0	U	998	1116		mg/Kg		112	70 - 130		

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	110		70 - 130
o-Terphenyl	110		70 - 130

Lab Sample ID: 880-26292-A-41-C MSD
Matrix: Solid
Analysis Batch: 49779

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 49807

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	999	913.6		mg/Kg		90	70 - 130	5	20
Diesel Range Organics (Over C10-C28)	<50.0	U	999	1086		mg/Kg		109	70 - 130	3	20

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	105		70 - 130
o-Terphenyl	108		70 - 130

Eurofins Midland

QC Sample Results

Client: TRC Solutions, Inc.
Project/Site: SRO 5 State 506/507

Job ID: 880-26487-1
SDG: Loving, NM

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-49770/1-A

Matrix: Solid

Analysis Batch: 49847

Client Sample ID: Method Blank

Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00	mg/Kg			03/29/23 07:40	1

Lab Sample ID: LCS 880-49770/2-A

Matrix: Solid

Analysis Batch: 49847

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	270.5		mg/Kg		108	90 - 110

Lab Sample ID: LCSD 880-49770/3-A

Matrix: Solid

Analysis Batch: 49847

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	250	271.5		mg/Kg		109	90 - 110	0	20

Lab Sample ID: 880-26485-A-9-B MS

Matrix: Solid

Analysis Batch: 49847

Client Sample ID: Matrix Spike

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	2210	F1	1260	3688	F1	mg/Kg		118	90 - 110

Lab Sample ID: 880-26485-A-9-C MSD

Matrix: Solid

Analysis Batch: 49847

Client Sample ID: Matrix Spike Duplicate

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	2210	F1	1260	3681	F1	mg/Kg		117	90 - 110	0	20

QC Association Summary

Client: TRC Solutions, Inc.
Project/Site: SRO 5 State 506/507

Job ID: 880-26487-1
SDG: Loving, NM

GC VOA

Prep Batch: 49806

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-26487-1	OB-14	Total/NA	Solid	5035	
880-26487-2	OB-15	Total/NA	Solid	5035	
880-26487-3	OB-16	Total/NA	Solid	5035	
880-26487-4	OB-17	Total/NA	Solid	5035	
880-26487-5	Dup-3	Total/NA	Solid	5035	
MB 880-49806/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-49806/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-49806/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-26413-A-1-C MS	Matrix Spike	Total/NA	Solid	5035	
880-26413-A-1-D MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Analysis Batch: 49916

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-26487-1	OB-14	Total/NA	Solid	8021B	49806
880-26487-2	OB-15	Total/NA	Solid	8021B	49806
880-26487-3	OB-16	Total/NA	Solid	8021B	49806
880-26487-4	OB-17	Total/NA	Solid	8021B	49806
880-26487-5	Dup-3	Total/NA	Solid	8021B	49806
MB 880-49806/5-A	Method Blank	Total/NA	Solid	8021B	49806
LCS 880-49806/1-A	Lab Control Sample	Total/NA	Solid	8021B	49806
LCSD 880-49806/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	49806
880-26413-A-1-C MS	Matrix Spike	Total/NA	Solid	8021B	49806
880-26413-A-1-D MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	49806

Analysis Batch: 50039

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-26487-1	OB-14	Total/NA	Solid	Total BTEX	
880-26487-2	OB-15	Total/NA	Solid	Total BTEX	
880-26487-3	OB-16	Total/NA	Solid	Total BTEX	
880-26487-4	OB-17	Total/NA	Solid	Total BTEX	
880-26487-5	Dup-3	Total/NA	Solid	Total BTEX	

GC Semi VOA

Analysis Batch: 49779

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-26487-1	OB-14	Total/NA	Solid	8015B NM	49807
880-26487-2	OB-15	Total/NA	Solid	8015B NM	49807
880-26487-3	OB-16	Total/NA	Solid	8015B NM	49807
880-26487-4	OB-17	Total/NA	Solid	8015B NM	49807
880-26487-5	Dup-3	Total/NA	Solid	8015B NM	49807
MB 880-49807/1-A	Method Blank	Total/NA	Solid	8015B NM	49807
LCS 880-49807/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	49807
LCSD 880-49807/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	49807
880-26292-A-41-B MS	Matrix Spike	Total/NA	Solid	8015B NM	49807
880-26292-A-41-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	49807

Prep Batch: 49807

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-26487-1	OB-14	Total/NA	Solid	8015NM Prep	
880-26487-2	OB-15	Total/NA	Solid	8015NM Prep	

Eurofins Midland

QC Association Summary

Client: TRC Solutions, Inc.
Project/Site: SRO 5 State 506/507

Job ID: 880-26487-1
SDG: Loving, NM

GC Semi VOA (Continued)

Prep Batch: 49807 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-26487-3	OB-16	Total/NA	Solid	8015NM Prep	
880-26487-4	OB-17	Total/NA	Solid	8015NM Prep	
880-26487-5	Dup-3	Total/NA	Solid	8015NM Prep	
MB 880-49807/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-49807/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-49807/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-26292-A-41-B MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
880-26292-A-41-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Analysis Batch: 49928

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-26487-1	OB-14	Total/NA	Solid	8015 NM	
880-26487-2	OB-15	Total/NA	Solid	8015 NM	
880-26487-3	OB-16	Total/NA	Solid	8015 NM	
880-26487-4	OB-17	Total/NA	Solid	8015 NM	
880-26487-5	Dup-3	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 49770

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-26487-1	OB-14	Soluble	Solid	DI Leach	
880-26487-2	OB-15	Soluble	Solid	DI Leach	
880-26487-3	OB-16	Soluble	Solid	DI Leach	
880-26487-4	OB-17	Soluble	Solid	DI Leach	
880-26487-5	Dup-3	Soluble	Solid	DI Leach	
MB 880-49770/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-49770/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-49770/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-26485-A-9-B MS	Matrix Spike	Soluble	Solid	DI Leach	
880-26485-A-9-C MSD	Matrix Spike Duplicate	Soluble	Solid	DI Leach	

Analysis Batch: 49847

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-26487-1	OB-14	Soluble	Solid	300.0	49770
880-26487-2	OB-15	Soluble	Solid	300.0	49770
880-26487-3	OB-16	Soluble	Solid	300.0	49770
880-26487-4	OB-17	Soluble	Solid	300.0	49770
880-26487-5	Dup-3	Soluble	Solid	300.0	49770
MB 880-49770/1-A	Method Blank	Soluble	Solid	300.0	49770
LCS 880-49770/2-A	Lab Control Sample	Soluble	Solid	300.0	49770
LCSD 880-49770/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	49770
880-26485-A-9-B MS	Matrix Spike	Soluble	Solid	300.0	49770
880-26485-A-9-C MSD	Matrix Spike Duplicate	Soluble	Solid	300.0	49770

Eurofins Midland

Lab Chronicle

Client: TRC Solutions, Inc.
Project/Site: SRO 5 State 506/507

Job ID: 880-26487-1
SDG: Loving, NM

Client Sample ID: OB-14

Lab Sample ID: 880-26487-1

Date Collected: 03/28/23 09:00

Matrix: Solid

Date Received: 03/28/23 16:36

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 mL	49806	03/29/23 10:15	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	49916	03/30/23 16:33	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			50039	03/31/23 12:18	SM	EET MID
Total/NA	Analysis	8015 NM		1			49928	03/30/23 12:10	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	49807	03/29/23 10:16	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	49779	03/30/23 02:38	SM	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	49770	03/28/23 17:06	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	49847	03/29/23 09:36	SMC	EET MID

Client Sample ID: OB-15

Lab Sample ID: 880-26487-2

Date Collected: 03/28/23 09:10

Matrix: Solid

Date Received: 03/28/23 16:36

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 mL	49806	03/29/23 10:15	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	49916	03/30/23 16:53	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			50039	03/31/23 12:18	SM	EET MID
Total/NA	Analysis	8015 NM		1			49928	03/30/23 12:10	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	49807	03/29/23 10:16	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	49779	03/30/23 03:00	SM	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	49770	03/28/23 17:06	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	49847	03/29/23 09:41	SMC	EET MID

Client Sample ID: OB-16

Lab Sample ID: 880-26487-3

Date Collected: 03/28/23 09:20

Matrix: Solid

Date Received: 03/28/23 16:36

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	49806	03/29/23 10:15	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	49916	03/30/23 17:14	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			50039	03/31/23 12:18	SM	EET MID
Total/NA	Analysis	8015 NM		1			49928	03/30/23 12:10	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	49807	03/29/23 10:16	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	49779	03/30/23 03:21	SM	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	49770	03/28/23 17:06	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	49847	03/29/23 09:46	SMC	EET MID

Client Sample ID: OB-17

Lab Sample ID: 880-26487-4

Date Collected: 03/28/23 09:30

Matrix: Solid

Date Received: 03/28/23 16:36

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 mL	49806	03/29/23 10:15	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	49916	03/30/23 17:34	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			50039	03/31/23 12:18	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: TRC Solutions, Inc.
Project/Site: SRO 5 State 506/507

Job ID: 880-26487-1
SDG: Loving, NM

Client Sample ID: OB-17
Date Collected: 03/28/23 09:30
Date Received: 03/28/23 16:36

Lab Sample ID: 880-26487-4
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	8015 NM		1			49928	03/30/23 12:10	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	49807	03/29/23 10:16	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	49779	03/30/23 03:43	SM	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	49770	03/28/23 17:06	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	49847	03/29/23 09:51	SMC	EET MID

Client Sample ID: Dup-3
Date Collected: 03/28/23 00:00
Date Received: 03/28/23 16:36

Lab Sample ID: 880-26487-5
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	49806	03/29/23 10:15	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	49916	03/30/23 17:55	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			50039	03/31/23 12:18	SM	EET MID
Total/NA	Analysis	8015 NM		1			49928	03/30/23 12:10	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	49807	03/29/23 10:16	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	49779	03/30/23 04:05	SM	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	49770	03/28/23 17:06	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	49847	03/29/23 09:56	SMC	EET MID

Laboratory References:
EET MID = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

Accreditation/Certification Summary

Client: TRC Solutions, Inc.
Project/Site: SRO 5 State 506/507

Job ID: 880-26487-1
SDG: Loving, NM

Laboratory: Eurofins Midland

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

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704400-22-25	06-30-23

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
8015 NM		Solid	Total TPH
Total BTEX		Solid	Total BTEX

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

Method Summary

Client: TRC Solutions, Inc.
Project/Site: SRO 5 State 506/507

Job ID: 880-26487-1
SDG: Loving, NM

Method	Method Description	Protocol	Laboratory
8021B	Volatile Organic Compounds (GC)	SW846	EET MID
Total BTEX	Total BTEX Calculation	TAL SOP	EET MID
8015 NM	Diesel Range Organics (DRO) (GC)	SW846	EET MID
8015B NM	Diesel Range Organics (DRO) (GC)	SW846	EET MID
300.0	Anions, Ion Chromatography	EPA	EET MID
5035	Closed System Purge and Trap	SW846	EET MID
8015NM Prep	Microextraction	SW846	EET MID
DI Leach	Deionized Water Leaching Procedure	ASTM	EET MID

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.
- TAL SOP = TestAmerica Laboratories, Standard Operating Procedure

Laboratory References:

- EET MID = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

Sample Summary

Client: TRC Solutions, Inc.
Project/Site: SRO 5 State 506/507

Job ID: 880-26487-1
SDG: Loving, NM

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
880-26487-1	OB-14	Solid	03/28/23 09:00	03/28/23 16:36
880-26487-2	OB-15	Solid	03/28/23 09:10	03/28/23 16:36
880-26487-3	OB-16	Solid	03/28/23 09:20	03/28/23 16:36
880-26487-4	OB-17	Solid	03/28/23 09:30	03/28/23 16:36
880-26487-5	Dup-3	Solid	03/28/23 00:00	03/28/23 16:36

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

Chain of Custody

Houston, TX (281) 240-4200, Dallas, TX (214) 902-0300
Midland, TX (432) 704-5440, San Antonio, TX (210) 509-3334
EL Paso, TX (915) 585-3443 Lubbock, TX (806) 794-1296
Hobbs, NM (575) 392-7550 Carlsbad, NM (575) 988-3199



Environmental Inc.
Xenoco

Work Order No: 26487

www.xenoco.com Page 1 of 1

Work Order Comments

Program: ☐ PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐

State of Project: NM

Reporting Level II ☐ Level III ☐ PST/UST ☐ TRRP ☐ Level IV ☐

Deliverables EDD ☐ ADaPT ☐ Other

Project Manager: Jared Stoffel

Company Name: TRC

Address: 10 Dexter Dr. Ste 130E

City, State ZIP: Midland, TX 79705

Phone: 432-238-3003

Bill to: (if different)

Company Name: Jared Stoffel

Address: Jared Stoffel

City, State ZIP: Jared Stoffel

Email: Jared Stoffel

Project Name: 5805 State 506/507

Project Number: 450171

Project Location: Conway, NM

Sampler's Name: Mark Bryant

P.O. #:

Turn Around: ☐ Routine ☒ Rush 24hr

Due Date: 12-8

TAT starts the day received by the lab, if received by 4:30pm

Temp Blank: Yes ☒ No ☐ Thermometer ID: 12-8

Correction Factor: -0.3

Temperature Reading: 57

Corrected Temperature: 54

Sample Identification

Matrix: SS

Date Sampled: 3/28/23

Time Sampled: 0900

Depth: -

Grab/Comp: C

of Cont: 1

Parameters

Pres. Code

None NO

DI Water H₂O

Cool Cool

HCL HC

H₂SO₄ H₂

H₃PO₄ HP

NaHSO₄ NABIS

Na₂S₂O₃ NaSO₃

Zn Acetate+NaOH Zn

NaOH+Ascorbic Acid SAPC

Sample Comments: UGZ

Total 200.7 / 6010 200.8 / 6020: 8RCRA 13PPM Texas 11 Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO₂ Na Sr Ti Sn U V Zn

Circle Method(s) and Metal(s) to be analyzed: TCLP / SPLP 6010 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Ti U Hg 1631 / 245 1 / 7470 / 7471

Notice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Eurofins Xenoco, its affiliates and subcontractors. It assigns standard terms and conditions of service. Eurofins Xenoco will be liable only for the cost of samples and shall not assume any responsibility for any losses or expenses incurred by the client if such losses are due to circumstances beyond the control of Eurofins Xenoco. A minimum charge of \$85.00 will be applied to each project and a charge of \$5 for each sample submitted to Eurofins Xenoco, but not analyzed. These terms will be enforced unless previously negotiated.

Relinquished by: (Signature) Received by: (Signature) Date/Time

1 Mark Bryant 3/28/23 1200 2

3 3/28/23 4

5 1030 6

Revised Date: 08/25/2020 Rev 2020.2

Login Sample Receipt Checklist

Client: TRC Solutions, Inc.

Job Number: 880-26487-1

SDG Number: Loving, NM

Login Number: 26487

List Number: 1

Creator: Rodriguez, Leticia

List Source: Eurofins Midland

Question	Answer	Comment
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	
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	



Environment Testing

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

ANALYTICAL REPORT

PREPARED FOR

Attn: Jared Stoffel
TRC Solutions, Inc.
10 Desta Drive
Suite #130E
Midland, Texas 79705
Generated 4/4/2023 9:59:26 AM

JOB DESCRIPTION

SRO 5 State 506/507
SDG NUMBER Loving, NM

JOB NUMBER

880-26609-1

Eurofins Midland
1211 W. Florida Ave
Midland TX 79701

Eurofins Midland

Job Notes

Analytical test results meet all requirements of the associated regulatory program (i.e., NELAC (TNI), DoD, and ISO 17025) unless otherwise noted under the individual analysis.

Authorization



Generated
4/4/2023 9:59:26 AM

Authorized for release by
Jessica Kramer, Project Manager
Jessica.Kramer@et.eurofinsus.com
(432)704-5440

Client: TRC Solutions, Inc.
Project/Site: SRO 5 State 506/507

Laboratory Job ID: 880-26609-1
SDG: Loving, NM

Table of Contents

Cover Page	1
Table of Contents	3
Definitions/Glossary	4
Case Narrative	5
Client Sample Results	6
Surrogate Summary	9
QC Sample Results	10
QC Association Summary	14
Lab Chronicle	16
Certification Summary	17
Method Summary	18
Sample Summary	19
Chain of Custody	20
Receipt Checklists	21

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

Definitions/Glossary

Client: TRC Solutions, Inc.
Project/Site: SRO 5 State 506/507

Job ID: 880-26609-1
SDG: Loving, NM

Qualifiers

GC VOA

Qualifier	Qualifier Description
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.
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

Case Narrative

Client: TRC Solutions, Inc.
Project/Site: SRO 5 State 506/507

Job ID: 880-26609-1
SDG: Loving, NM

Job ID: 880-26609-1

Laboratory: Eurofins Midland

Narrative

Job Narrative 880-26609-1

Receipt

The samples were received on 3/30/2023 3:58 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 5.0°C

Receipt Exceptions

The following samples were received and analyzed from an unpreserved bulk soil jar: OB-18 (880-26609-1), OB-19 (880-26609-2) and OB-20 (880-26609-3).

GC VOA

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

GC Semi VOA

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: (LCS 880-49973/2-A) and (LCSD 880-49973/3-A). Evidence of matrix interferences is not obvious.

Method 8015MOD_NM: The laboratory control sample (LCS) associated with preparation batch 880-49973 and analytical batch 880-49993 was outside acceptance criteria. Re-extraction and/or re-analysis could not be performed; therefore, the data have been reported. The batch matrix spike/matrix spike duplicate (MS/MSD) was within acceptance limits and may be used to evaluate matrix performance.

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

HPLC/IC

Method 300_ORGFM_28D: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-49960 and analytical batch 880-49986 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. OB-18 (880-26609-1) and OB-19 (880-26609-2)

Method 300_ORGFM_28D: The matrix spike duplicate (MSD) recoveries for preparation batch 880-49960 and 880-49960 and analytical batch 880-49986 were outside control limits. Non-homogeneity is suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits. OB-20 (880-26609-3) and (880-26609-A-3-C MSD)

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

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: SRO 5 State 506/507

Job ID: 880-26609-1
SDG: Loving, NM

Client Sample ID: OB-18

Lab Sample ID: 880-26609-1

Date Collected: 03/30/23 09:00

Matrix: Solid

Date Received: 03/30/23 15:58

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198	mg/Kg		04/03/23 08:39	04/03/23 16:11	1
Toluene	<0.00198	U	0.00198	mg/Kg		04/03/23 08:39	04/03/23 16:11	1
Ethylbenzene	<0.00198	U	0.00198	mg/Kg		04/03/23 08:39	04/03/23 16:11	1
m-Xylene & p-Xylene	<0.00396	U	0.00396	mg/Kg		04/03/23 08:39	04/03/23 16:11	1
o-Xylene	0.00845		0.00198	mg/Kg		04/03/23 08:39	04/03/23 16:11	1
Xylenes, Total	0.00845		0.00396	mg/Kg		04/03/23 08:39	04/03/23 16:11	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	111		70 - 130	04/03/23 08:39	04/03/23 16:11	1
1,4-Difluorobenzene (Surr)	86		70 - 130	04/03/23 08:39	04/03/23 16:11	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.00845		0.00396	mg/Kg			04/03/23 16:59	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9	mg/Kg			03/31/23 17:20	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U *	49.9	mg/Kg		03/31/23 08:30	03/31/23 14:56	1
Diesel Range Organics (Over C10-C28)	<49.9	U *	49.9	mg/Kg		03/31/23 08:30	03/31/23 14:56	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg		03/31/23 08:30	03/31/23 14:56	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	108		70 - 130	03/31/23 08:30	03/31/23 14:56	1
o-Terphenyl	86		70 - 130	03/31/23 08:30	03/31/23 14:56	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	632		25.2	mg/Kg			03/30/23 20:41	5

Client Sample ID: OB-19

Lab Sample ID: 880-26609-2

Date Collected: 03/30/23 09:10

Matrix: Solid

Date Received: 03/30/23 15:58

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199	mg/Kg		04/03/23 08:39	04/03/23 16:31	1
Toluene	<0.00199	U	0.00199	mg/Kg		04/03/23 08:39	04/03/23 16:31	1
Ethylbenzene	<0.00199	U	0.00199	mg/Kg		04/03/23 08:39	04/03/23 16:31	1
m-Xylene & p-Xylene	<0.00398	U	0.00398	mg/Kg		04/03/23 08:39	04/03/23 16:31	1
o-Xylene	<0.00199	U	0.00199	mg/Kg		04/03/23 08:39	04/03/23 16:31	1
Xylenes, Total	<0.00398	U	0.00398	mg/Kg		04/03/23 08:39	04/03/23 16:31	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	109		70 - 130	04/03/23 08:39	04/03/23 16:31	1
1,4-Difluorobenzene (Surr)	89		70 - 130	04/03/23 08:39	04/03/23 16:31	1

Eurofins Midland

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: SRO 5 State 506/507

Job ID: 880-26609-1
SDG: Loving, NM

Client Sample ID: OB-19

Lab Sample ID: 880-26609-2

Date Collected: 03/30/23 09:10

Matrix: Solid

Date Received: 03/30/23 15:58

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398	mg/Kg			04/03/23 16:59	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9	mg/Kg			03/31/23 17:20	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U *	49.9	mg/Kg		03/31/23 08:30	03/31/23 15:18	1
Diesel Range Organics (Over C10-C28)	<49.9	U *	49.9	mg/Kg		03/31/23 08:30	03/31/23 15:18	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg		03/31/23 08:30	03/31/23 15:18	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	107		70 - 130			03/31/23 08:30	03/31/23 15:18	1
o-Terphenyl	85		70 - 130			03/31/23 08:30	03/31/23 15:18	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	595		25.2	mg/Kg			03/30/23 20:48	5

Client Sample ID: OB-20

Lab Sample ID: 880-26609-3

Date Collected: 03/30/23 09:20

Matrix: Solid

Date Received: 03/30/23 15:58

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		04/03/23 08:39	04/03/23 16:52	1
Toluene	<0.00200	U	0.00200	mg/Kg		04/03/23 08:39	04/03/23 16:52	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		04/03/23 08:39	04/03/23 16:52	1
m-Xylene & p-Xylene	<0.00399	U	0.00399	mg/Kg		04/03/23 08:39	04/03/23 16:52	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		04/03/23 08:39	04/03/23 16:52	1
Xylenes, Total	<0.00399	U	0.00399	mg/Kg		04/03/23 08:39	04/03/23 16:52	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	111		70 - 130			04/03/23 08:39	04/03/23 16:52	1
1,4-Difluorobenzene (Surr)	90		70 - 130			04/03/23 08:39	04/03/23 16:52	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399	mg/Kg			04/04/23 10:41	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0	mg/Kg			04/03/23 10:59	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U *	50.0	mg/Kg		03/31/23 08:30	03/31/23 15:39	1
Diesel Range Organics (Over C10-C28)	<50.0	U *	50.0	mg/Kg		03/31/23 08:30	03/31/23 15:39	1

Eurofins Midland

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: SRO 5 State 506/507

Job ID: 880-26609-1
SDG: Loving, NM

Client Sample ID: OB-20
Date Collected: 03/30/23 09:20
Date Received: 03/30/23 15:58

Lab Sample ID: 880-26609-3
Matrix: Solid

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)									
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac	
OII Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		03/31/23 08:30	03/31/23 15:39	1	
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac	
1-Chlorooctane	94		70 - 130			03/31/23 08:30	03/31/23 15:39	1	
o-Terphenyl	72		70 - 130			03/31/23 08:30	03/31/23 15:39	1	

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble									
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac	
Chloride	585	F1	25.0	mg/Kg			03/30/23 20:54	5	

Surrogate Summary

Client: TRC Solutions, Inc.
Project/Site: SRO 5 State 506/507

Job ID: 880-26609-1
SDG: Loving, NM

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	BFB1 (70-130)	DFBZ1 (70-130)
880-26292-A-47-B MS	Matrix Spike	85	114
880-26292-A-47-C MSD	Matrix Spike Duplicate	98	117
880-26609-1	OB-18	111	86
880-26609-2	OB-19	109	89
880-26609-3	OB-20	111	90
LCS 880-50130/1-A	Lab Control Sample	99	111
LCSD 880-50130/2-A	Lab Control Sample Dup	89	117
MB 880-50130/5-A	Method Blank	77	97
Surrogate Legend			
BFB = 4-Bromofluorobenzene (Surr)			
DFBZ = 1,4-Difluorobenzene (Surr)			

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

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	1CO1 (70-130)	OTPH1 (70-130)
880-26532-A-13-F MS	Matrix Spike	113	79
880-26532-A-13-G MSD	Matrix Spike Duplicate	114	77
880-26609-1	OB-18	108	86
880-26609-2	OB-19	107	85
880-26609-3	OB-20	94	72
LCS 880-49973/2-A	Lab Control Sample	81	65 S1-
LCSD 880-49973/3-A	Lab Control Sample Dup	76	60 S1-
MB 880-49973/1-A	Method Blank	110	88
Surrogate Legend			
1CO = 1-Chlorooctane			
OTPH = o-Terphenyl			

QC Sample Results

Client: TRC Solutions, Inc.
Project/Site: SRO 5 State 506/507

Job ID: 880-26609-1
SDG: Loving, NM

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-50130/5-A

Matrix: Solid

Analysis Batch: 50119

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 50130

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199	mg/Kg		04/03/23 08:39	04/03/23 11:01	1
Toluene	<0.00199	U	0.00199	mg/Kg		04/03/23 08:39	04/03/23 11:01	1
Ethylbenzene	<0.00199	U	0.00199	mg/Kg		04/03/23 08:39	04/03/23 11:01	1
m-Xylene & p-Xylene	<0.00398	U	0.00398	mg/Kg		04/03/23 08:39	04/03/23 11:01	1
o-Xylene	<0.00199	U	0.00199	mg/Kg		04/03/23 08:39	04/03/23 11:01	1
Xylenes, Total	<0.00398	U	0.00398	mg/Kg		04/03/23 08:39	04/03/23 11:01	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	77		70 - 130	04/03/23 08:39	04/03/23 11:01	1
1,4-Difluorobenzene (Surr)	97		70 - 130	04/03/23 08:39	04/03/23 11:01	1

Lab Sample ID: LCS 880-50130/1-A

Matrix: Solid

Analysis Batch: 50119

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 50130

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.1190		mg/Kg		119	70 - 130
Toluene	0.100	0.1022		mg/Kg		102	70 - 130
Ethylbenzene	0.100	0.09825		mg/Kg		98	70 - 130
m-Xylene & p-Xylene	0.200	0.2029		mg/Kg		101	70 - 130
o-Xylene	0.100	0.1017		mg/Kg		102	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	99		70 - 130
1,4-Difluorobenzene (Surr)	111		70 - 130

Lab Sample ID: LCSD 880-50130/2-A

Matrix: Solid

Analysis Batch: 50119

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 50130

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.1186		mg/Kg		119	70 - 130	0	35
Toluene	0.100	0.09718		mg/Kg		97	70 - 130	5	35
Ethylbenzene	0.100	0.08856		mg/Kg		89	70 - 130	10	35
m-Xylene & p-Xylene	0.200	0.1774		mg/Kg		89	70 - 130	13	35
o-Xylene	0.100	0.08922		mg/Kg		89	70 - 130	13	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	89		70 - 130
1,4-Difluorobenzene (Surr)	117		70 - 130

Lab Sample ID: 880-26292-A-47-B MS

Matrix: Solid

Analysis Batch: 50119

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 50130

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00200	U	0.100	0.1024		mg/Kg		102	70 - 130
Toluene	<0.00200	U	0.100	0.08445		mg/Kg		84	70 - 130

Eurofins Midland

QC Sample Results

Client: TRC Solutions, Inc.
Project/Site: SRO 5 State 506/507

Job ID: 880-26609-1
SDG: Loving, NM

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: 880-26292-A-47-B MS
Matrix: Solid
Analysis Batch: 50119

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 50130

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Ethylbenzene	<0.00200	U	0.100	0.07581		mg/Kg		76	70 - 130
m-Xylene & p-Xylene	<0.00401	U	0.201	0.1491		mg/Kg		74	70 - 130
o-Xylene	<0.00200	U	0.100	0.07405		mg/Kg		74	70 - 130
Surrogate	MS %Recovery	MS Qualifier	Limits						
4-Bromofluorobenzene (Surr)	85		70 - 130						
1,4-Difluorobenzene (Surr)	114		70 - 130						

Lab Sample ID: 880-26292-A-47-C MSD
Matrix: Solid
Analysis Batch: 50119

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 50130

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00200	U	0.0990	0.1051		mg/Kg		106	70 - 130	3	35
Toluene	<0.00200	U	0.0990	0.08707		mg/Kg		88	70 - 130	3	35
Ethylbenzene	<0.00200	U	0.0990	0.07985		mg/Kg		81	70 - 130	5	35
m-Xylene & p-Xylene	<0.00401	U	0.198	0.1599		mg/Kg		81	70 - 130	7	35
o-Xylene	<0.00200	U	0.0990	0.08075		mg/Kg		82	70 - 130	9	35
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
4-Bromofluorobenzene (Surr)	98		70 - 130								
1,4-Difluorobenzene (Surr)	117		70 - 130								

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

Lab Sample ID: MB 880-49973/1-A
Matrix: Solid
Analysis Batch: 49993

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 49973

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0	mg/Kg		03/30/23 13:52	03/31/23 09:25	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		03/30/23 13:52	03/31/23 09:25	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		03/30/23 13:52	03/31/23 09:25	1
Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac		
1-Chlorooctane	110		70 - 130	03/30/23 13:52	03/31/23 09:25	1		
o-Terphenyl	88		70 - 130	03/30/23 13:52	03/31/23 09:25	1		

Lab Sample ID: LCS 880-49973/2-A
Matrix: Solid
Analysis Batch: 49993

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 49973

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	397.2	*-	mg/Kg		40	70 - 130
Diesel Range Organics (Over C10-C28)	1000	538.8	*-	mg/Kg		54	70 - 130

Eurofins Midland

QC Sample Results

Client: TRC Solutions, Inc.
Project/Site: SRO 5 State 506/507

Job ID: 880-26609-1
SDG: Loving, NM

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

Lab Sample ID: LCS 880-49973/2-A

Matrix: Solid

Analysis Batch: 49993

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 49973

	LCS	LCS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	81		70 - 130
o-Terphenyl	65	S1-	70 - 130

Lab Sample ID: LCSD 880-49973/3-A

Matrix: Solid

Analysis Batch: 49993

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 49973

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	347.7	*-	mg/Kg		35	70 - 130	13	20
Diesel Range Organics (Over C10-C28)	1000	490.0	*-	mg/Kg		49	70 - 130	9	20

	LCSD	LCSD	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	76		70 - 130
o-Terphenyl	60	S1-	70 - 130

Lab Sample ID: 880-26532-A-13-F MS

Matrix: Solid

Analysis Batch: 49993

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 49973

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	<49.9	U *-	998	1050		mg/Kg		102	70 - 130
Diesel Range Organics (Over C10-C28)	<49.9	U *-	998	856.6		mg/Kg		86	70 - 130

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	113		70 - 130
o-Terphenyl	79		70 - 130

Lab Sample ID: 880-26532-A-13-G MSD

Matrix: Solid

Analysis Batch: 49993

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 49973

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<49.9	U *-	999	1071		mg/Kg		104	70 - 130	2	20
Diesel Range Organics (Over C10-C28)	<49.9	U *-	999	853.7		mg/Kg		85	70 - 130	0	20

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	114		70 - 130
o-Terphenyl	77		70 - 130

Eurofins Midland

QC Sample Results

Client: TRC Solutions, Inc.
Project/Site: SRO 5 State 506/507

Job ID: 880-26609-1
SDG: Loving, NM

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-49960/1-A Matrix: Solid Analysis Batch: 49986										Client Sample ID: Method Blank Prep Type: Soluble	
Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac			
Chloride	<5.00	U	5.00	mg/Kg			03/30/23 19:02	1			

Lab Sample ID: LCS 880-49960/2-A Matrix: Solid Analysis Batch: 49986										Client Sample ID: Lab Control Sample Prep Type: Soluble	
Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride			250	261.0		mg/Kg		104	90 - 110		

Lab Sample ID: LCSD 880-49960/3-A Matrix: Solid Analysis Batch: 49986										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			250	260.3		mg/Kg		104	90 - 110	0	20

Lab Sample ID: 880-26609-3 MS Matrix: Solid Analysis Batch: 49986										Client Sample ID: OB-20 Prep Type: Soluble	
Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	585	F1	1250	1894		mg/Kg		105	90 - 110		

Lab Sample ID: 880-26609-3 MSD Matrix: Solid Analysis Batch: 49986										Client Sample ID: OB-20 Prep Type: Soluble	
Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	585	F1	1250	1978	F1	mg/Kg		112	90 - 110	4	20

QC Association Summary

Client: TRC Solutions, Inc.
Project/Site: SRO 5 State 506/507

Job ID: 880-26609-1
SDG: Loving, NM

GC VOA

Analysis Batch: 50119

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-26609-1	OB-18	Total/NA	Solid	8021B	50130
880-26609-2	OB-19	Total/NA	Solid	8021B	50130
880-26609-3	OB-20	Total/NA	Solid	8021B	50130
MB 880-50130/5-A	Method Blank	Total/NA	Solid	8021B	50130
LCS 880-50130/1-A	Lab Control Sample	Total/NA	Solid	8021B	50130
LCSD 880-50130/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	50130
880-26292-A-47-B MS	Matrix Spike	Total/NA	Solid	8021B	50130
880-26292-A-47-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	50130

Prep Batch: 50130

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-26609-1	OB-18	Total/NA	Solid	5035	
880-26609-2	OB-19	Total/NA	Solid	5035	
880-26609-3	OB-20	Total/NA	Solid	5035	
MB 880-50130/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-50130/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-50130/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-26292-A-47-B MS	Matrix Spike	Total/NA	Solid	5035	
880-26292-A-47-C MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Analysis Batch: 50266

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-26609-1	OB-18	Total/NA	Solid	Total BTEX	
880-26609-2	OB-19	Total/NA	Solid	Total BTEX	
880-26609-3	OB-20	Total/NA	Solid	Total BTEX	

GC Semi VOA

Prep Batch: 49973

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-26609-1	OB-18	Total/NA	Solid	8015NM Prep	
880-26609-2	OB-19	Total/NA	Solid	8015NM Prep	
880-26609-3	OB-20	Total/NA	Solid	8015NM Prep	
MB 880-49973/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-49973/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-49973/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-26532-A-13-F MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
880-26532-A-13-G MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Analysis Batch: 49993

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-26609-1	OB-18	Total/NA	Solid	8015B NM	49973
880-26609-2	OB-19	Total/NA	Solid	8015B NM	49973
880-26609-3	OB-20	Total/NA	Solid	8015B NM	49973
MB 880-49973/1-A	Method Blank	Total/NA	Solid	8015B NM	49973
LCS 880-49973/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	49973
LCSD 880-49973/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	49973
880-26532-A-13-F MS	Matrix Spike	Total/NA	Solid	8015B NM	49973
880-26532-A-13-G MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	49973

Eurofins Midland

QC Association Summary

Client: TRC Solutions, Inc.
Project/Site: SRO 5 State 506/507

Job ID: 880-26609-1
SDG: Loving, NM

GC Semi VOA

Analysis Batch: 50063

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-26609-1	OB-18	Total/NA	Solid	8015 NM	
880-26609-2	OB-19	Total/NA	Solid	8015 NM	
880-26609-3	OB-20	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 49960

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-26609-1	OB-18	Soluble	Solid	DI Leach	
880-26609-2	OB-19	Soluble	Solid	DI Leach	
880-26609-3	OB-20	Soluble	Solid	DI Leach	
MB 880-49960/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-49960/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-49960/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-26609-3 MS	OB-20	Soluble	Solid	DI Leach	
880-26609-3 MSD	OB-20	Soluble	Solid	DI Leach	

Analysis Batch: 49986

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-26609-1	OB-18	Soluble	Solid	300.0	49960
880-26609-2	OB-19	Soluble	Solid	300.0	49960
880-26609-3	OB-20	Soluble	Solid	300.0	49960
MB 880-49960/1-A	Method Blank	Soluble	Solid	300.0	49960
LCS 880-49960/2-A	Lab Control Sample	Soluble	Solid	300.0	49960
LCSD 880-49960/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	49960
880-26609-3 MS	OB-20	Soluble	Solid	300.0	49960
880-26609-3 MSD	OB-20	Soluble	Solid	300.0	49960

Lab Chronicle

Client: TRC Solutions, Inc.
Project/Site: SRO 5 State 506/507

Job ID: 880-26609-1
SDG: Loving, NM

Client Sample ID: OB-18
Date Collected: 03/30/23 09:00
Date Received: 03/30/23 15:58

Lab Sample ID: 880-26609-1
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	50130	04/03/23 08:39	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	50119	04/03/23 16:11	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			50266	04/03/23 16:59	SM	EET MID
Total/NA	Analysis	8015 NM		1			50063	03/31/23 17:20	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	49973	03/31/23 08:30	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	49993	03/31/23 14:56	SM	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	49960	03/30/23 16:25	KS	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	49986	03/30/23 20:41	SMC	EET MID

Client Sample ID: OB-19
Date Collected: 03/30/23 09:10
Date Received: 03/30/23 15:58

Lab Sample ID: 880-26609-2
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	50130	04/03/23 08:39	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	50119	04/03/23 16:31	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			50266	04/03/23 16:59	SM	EET MID
Total/NA	Analysis	8015 NM		1			50063	03/31/23 17:20	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	49973	03/31/23 08:30	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	49993	03/31/23 15:18	SM	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	49960	03/30/23 16:25	KS	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	49986	03/30/23 20:48	SMC	EET MID

Client Sample ID: OB-20
Date Collected: 03/30/23 09:20
Date Received: 03/30/23 15:58

Lab Sample ID: 880-26609-3
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	50130	04/03/23 08:39	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	50119	04/03/23 16:52	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			50266	04/04/23 10:41	SM	EET MID
Total/NA	Analysis	8015 NM		1			50063	04/03/23 10:59	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	49973	03/31/23 08:30	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	49993	03/31/23 15:39	SM	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	49960	03/30/23 16:25	KS	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	49986	03/30/23 20:54	SMC	EET MID

Laboratory References:
EET MID = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

Accreditation/Certification Summary

Client: TRC Solutions, Inc.
Project/Site: SRO 5 State 506/507

Job ID: 880-26609-1
SDG: Loving, NM

Laboratory: Eurofins Midland

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

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704400-22-25	06-30-23

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
8015 NM		Solid	Total TPH
Total BTEX		Solid	Total BTEX

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

Method Summary

Client: TRC Solutions, Inc.
Project/Site: SRO 5 State 506/507

Job ID: 880-26609-1
SDG: Loving, NM

Method	Method Description	Protocol	Laboratory
8021B	Volatile Organic Compounds (GC)	SW846	EET MID
Total BTEX	Total BTEX Calculation	TAL SOP	EET MID
8015 NM	Diesel Range Organics (DRO) (GC)	SW846	EET MID
8015B NM	Diesel Range Organics (DRO) (GC)	SW846	EET MID
300.0	Anions, Ion Chromatography	EPA	EET MID
5035	Closed System Purge and Trap	SW846	EET MID
8015NM Prep	Microextraction	SW846	EET MID
DI Leach	Deionized Water Leaching Procedure	ASTM	EET MID

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.
- TAL SOP = TestAmerica Laboratories, Standard Operating Procedure

Laboratory References:

- EET MID = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

Sample Summary

Client: TRC Solutions, Inc.
Project/Site: SRO 5 State 506/507

Job ID: 880-26609-1
SDG: Loving, NM

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
880-26609-1	OB-18	Solid	03/30/23 09:00	03/30/23 15:58
880-26609-2	OB-19	Solid	03/30/23 09:10	03/30/23 15:58
880-26609-3	OB-20	Solid	03/30/23 09:20	03/30/23 15:58

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

Chain of Custody

Houston, TX (281) 240-4200, Dallas, TX (214) 902-0300
Midland, TX (432) 704-5440, San Antonio, TX (210) 509-3334
El Paso, TX (915) 585-3443 Lubbock, TX (806) 794-1296
Hobbs, NM (575) 392-7550 Carlsbad, NM (575) 988-3199



Environment Test r q
Xenco

Work Order No: 26609

www.xenco.com Page 1 of 1

Project Manager: <u>Jared Stoffer</u>		Bill to: (if different)	
Company Name: <u>TRC</u>		Company Name:	
Address: <u>100 Dexter Dr. Ste 130E</u>		Address:	
City, State ZIP: <u>Midland, TX 79705</u>		City, State ZIP:	
Phone: <u>432-238-3003</u>		Email: <u>Jared.Stoffer@trc.com</u>	

Project Name: <u>SR 5 Sta 504/507</u>		Turn Around: <u>450169</u>	
Project Number: <u>450169</u>		Due Date: <u>12-8</u>	
Project Location: <u>LOVING NM</u>		TAT starts the day received by the lab, if received by 4:30pm	
Sampler's Name: <u>MISTY BRYANT</u>		Wet Ice: <u>Yes</u> No	
PO #		Thermometer ID: <u>12-8</u>	

SAMPLE RECEIPT		Temp Blank:		Yes (N)		No	
Samples Received Intact:		Yes		No		Thermometer ID: <u>12-8</u>	
Cooler Custody Seals:		Yes		No		Correction Factor: <u>-0.3</u>	
Sample Custody Seals:		Yes		No		Temperature Reading: <u>5.3</u>	
Total Containers:		Yes		No		Corrected Temperature: <u>5.0</u>	

Sample Identification	Matrix	Date Sampled	Time Sampled	Depth	Grab/Comp	# of Cont	Pres Code	Parameters
OB-18	SS	3/30/23	0900	-	C	1		TPH 8015M
OB-19	↓	↓	0910	-	↓	↓		BTEX 80218
OB-20	↓	↓	0920	-	↓	↓		Chloride



880-26609-Chain of Custody

Total 200.7 / 6010	200.8 / 6020:	8RCRA 13PPM Texas 11	Al Sb As Ba Be B Cd Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO ₂ Na Sr Ti Sn U V Zn
Circle Method(s) and Metal(s) to be analyzed	TCLP / SPLP 6010	8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Ti U	Hg 1631 / 2451 / 7470 / 7471

Notice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Eurofins Xenco, its affiliates and subcontractors. It assigns standard terms and conditions of service. Eurofins Xenco will be liable only for the cost of samples and shall not assume any responsibility for any losses or expenses incurred by the client if such losses are due to circumstances beyond the control of Eurofins Xenco. A minimum charge of \$85.00 will be applied to each project and a charge of \$5 for each sample submitted to Eurofins Xenco, but not analyzed. These terms will be enforced unless previously negotiated.

Relinquished by (Signature)	Received by (Signature)	Date/Time	Relinquished by (Signature)	Received by (Signature)	Date/Time
1 <u>Misty Bryant</u>	<u>[Signature]</u>	3/30/23 1135	2		
3		3/30/23	4		
5		3:50	6		

Revised Date: 08/25/2020 Rev. 2020.2

Login Sample Receipt Checklist

Client: TRC Solutions, Inc.

Job Number: 880-26609-1

SDG Number: Loving, NM

Login Number: 26609

List Number: 1

Creator: Rodriguez, Leticia

List Source: Eurofins Midland

Question	Answer	Comment
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	
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	



Environment Testing

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

ANALYTICAL REPORT

PREPARED FOR

Attn: Jonathan Repman
TRC Solutions, Inc.
10 Desta Drive
Suite #130E
Midland, Texas 79705

Generated 4/6/2023 4:14:17 PM

JOB DESCRIPTION

SRO 5 State 506/507
SDG NUMBER Loving, NM

JOB NUMBER

880-26777-1

Eurofins Midland
1211 W. Florida Ave
Midland TX 79701

Eurofins Midland

Job Notes

Analytical test results meet all requirements of the associated regulatory program (i.e., NELAC (TNI), DoD, and ISO 17025) unless otherwise noted under the individual analysis.

Authorization



Generated
4/6/2023 4:14:17 PM

Authorized for release by
Jessica Kramer, Project Manager
Jessica.Kramer@et.eurofinsus.com
(432)704-5440

Client: TRC Solutions, Inc.
Project/Site: SRO 5 State 506/507

Laboratory Job ID: 880-26777-1
SDG: Loving, NM

Table of Contents

Cover Page	1
Table of Contents	3
Definitions/Glossary	4
Case Narrative	5
Client Sample Results	6
Surrogate Summary	35
QC Sample Results	38
QC Association Summary	48
Lab Chronicle	57
Certification Summary	69
Method Summary	70
Sample Summary	71
Chain of Custody	72
Receipt Checklists	76

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

Definitions/Glossary

Client: TRC Solutions, Inc.
Project/Site: SRO 5 State 506/507

Job ID: 880-26777-1
SDG: Loving, NM

Qualifiers

GC VOA

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
S1-	Surrogate recovery exceeds control limits, low biased.
U	Indicates the analyte was analyzed for but not detected.

GC Semi VOA

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
S1+	Surrogate recovery exceeds control limits, high biased.
U	Indicates the analyte was analyzed for but not detected.

HPLC/IC

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

Glossary

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

Case Narrative

Client: TRC Solutions, Inc.
Project/Site: SRO 5 State 506/507

Job ID: 880-26777-1
SDG: Loving, NM

Job ID: 880-26777-1

Laboratory: Eurofins Midland

Narrative

Job Narrative 880-26777-1

Receipt

The samples were received on 4/4/2023 4:06 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 5.1°C

GC VOA

Method 8021B: Surrogate recovery for the following samples were outside control limits: (MB 880-50193/5-A) and (MB 880-50411/5-A). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8021B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-50412 and analytical batch 880-50387 were outside control limits for one or more analytes, see QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

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

GC Semi VOA

Method 8015MOD_NM: Surrogate recovery for the following sample was outside control limits: (LCS 880-50357/2-A). Evidence of matrix interferences is not obvious.

Method 8015MOD_NM: The surrogate recovery for the blank associated with preparation batch 880-50386 and analytical batch 880-50350 was outside the upper control limits.

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: FL-10 @ 7' (880-26777-22), (880-26777-A-22-E MS) and (880-26777-A-22-F MSD). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: FL-12 @ 7' (880-26777-24) and FL-13 @ 7' (880-26777-25). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: FL-18 @ 7' (880-26777-30) and SW-9 (880-26777-31). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8015MOD_NM: The matrix spike duplicate (MSD) recoveries for preparation batch 880-50386 and analytical batch 880-50350 were outside control limits. Non-homogeneity 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

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

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: SRO 5 State 506/507

Job ID: 880-26777-1
SDG: Loving, NM

Client Sample ID: FL-2 @ 1'

Lab Sample ID: 880-26777-1

Date Collected: 04/03/23 10:40

Matrix: Solid

Date Received: 04/04/23 16:06

Sample Depth: 1'

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198	mg/Kg		04/05/23 13:30	04/06/23 02:27	1
Toluene	<0.00198	U	0.00198	mg/Kg		04/05/23 13:30	04/06/23 02:27	1
Ethylbenzene	<0.00198	U	0.00198	mg/Kg		04/05/23 13:30	04/06/23 02:27	1
m-Xylene & p-Xylene	<0.00396	U	0.00396	mg/Kg		04/05/23 13:30	04/06/23 02:27	1
o-Xylene	<0.00198	U	0.00198	mg/Kg		04/05/23 13:30	04/06/23 02:27	1
Xylenes, Total	<0.00396	U	0.00396	mg/Kg		04/05/23 13:30	04/06/23 02:27	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		70 - 130	04/05/23 13:30	04/06/23 02:27	1
1,4-Difluorobenzene (Surr)	88		70 - 130	04/05/23 13:30	04/06/23 02:27	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396	mg/Kg			04/06/23 11:48	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9	mg/Kg			04/05/23 21:39	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9	mg/Kg		04/05/23 08:19	04/05/23 11:34	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9	mg/Kg		04/05/23 08:19	04/05/23 11:34	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg		04/05/23 08:19	04/05/23 11:34	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	98		70 - 130	04/05/23 08:19	04/05/23 11:34	1
o-Terphenyl	80		70 - 130	04/05/23 08:19	04/05/23 11:34	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	141		4.97	mg/Kg			04/05/23 11:18	1

Client Sample ID: SW-5

Lab Sample ID: 880-26777-2

Date Collected: 04/03/23 10:00

Matrix: Solid

Date Received: 04/04/23 16:06

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199	mg/Kg		04/05/23 13:30	04/06/23 02:52	1
Toluene	<0.00199	U	0.00199	mg/Kg		04/05/23 13:30	04/06/23 02:52	1
Ethylbenzene	<0.00199	U	0.00199	mg/Kg		04/05/23 13:30	04/06/23 02:52	1
m-Xylene & p-Xylene	<0.00398	U	0.00398	mg/Kg		04/05/23 13:30	04/06/23 02:52	1
o-Xylene	<0.00199	U	0.00199	mg/Kg		04/05/23 13:30	04/06/23 02:52	1
Xylenes, Total	<0.00398	U	0.00398	mg/Kg		04/05/23 13:30	04/06/23 02:52	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	117		70 - 130	04/05/23 13:30	04/06/23 02:52	1
1,4-Difluorobenzene (Surr)	85		70 - 130	04/05/23 13:30	04/06/23 02:52	1

Eurofins Midland

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: SRO 5 State 506/507

Job ID: 880-26777-1
SDG: Loving, NM

Client Sample ID: SW-5

Lab Sample ID: 880-26777-2

Date Collected: 04/03/23 10:00

Matrix: Solid

Date Received: 04/04/23 16:06

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398	mg/Kg			04/06/23 11:48	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9	mg/Kg			04/05/23 21:39	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9	mg/Kg		04/05/23 08:19	04/05/23 12:39	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9	mg/Kg		04/05/23 08:19	04/05/23 12:39	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg		04/05/23 08:19	04/05/23 12:39	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	91		70 - 130			04/05/23 08:19	04/05/23 12:39	1
o-Terphenyl	75		70 - 130			04/05/23 08:19	04/05/23 12:39	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	185		4.95	mg/Kg			04/05/23 11:32	1

Client Sample ID: SW-6

Lab Sample ID: 880-26777-3

Date Collected: 04/03/23 10:10

Matrix: Solid

Date Received: 04/04/23 16:06

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		04/05/23 13:30	04/06/23 03:19	1
Toluene	<0.00200	U	0.00200	mg/Kg		04/05/23 13:30	04/06/23 03:19	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		04/05/23 13:30	04/06/23 03:19	1
m-Xylene & p-Xylene	<0.00399	U	0.00399	mg/Kg		04/05/23 13:30	04/06/23 03:19	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		04/05/23 13:30	04/06/23 03:19	1
Xylenes, Total	<0.00399	U	0.00399	mg/Kg		04/05/23 13:30	04/06/23 03:19	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	109		70 - 130			04/05/23 13:30	04/06/23 03:19	1
1,4-Difluorobenzene (Surr)	85		70 - 130			04/05/23 13:30	04/06/23 03:19	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399	mg/Kg			04/06/23 11:48	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9	mg/Kg			04/05/23 21:39	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9	mg/Kg		04/05/23 08:19	04/05/23 13:01	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9	mg/Kg		04/05/23 08:19	04/05/23 13:01	1

Eurofins Midland

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: SRO 5 State 506/507

Job ID: 880-26777-1
SDG: Loving, NM

Client Sample ID: SW-6

Date Collected: 04/03/23 10:10

Date Received: 04/04/23 16:06

Lab Sample ID: 880-26777-3

Matrix: Solid

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg		04/05/23 08:19	04/05/23 13:01	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	93		70 - 130			04/05/23 08:19	04/05/23 13:01	1
o-Terphenyl	77		70 - 130			04/05/23 08:19	04/05/23 13:01	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	44.9		5.02	mg/Kg			04/05/23 11:37	1

Client Sample ID: SW-7

Date Collected: 04/03/23 10:20

Date Received: 04/04/23 16:06

Lab Sample ID: 880-26777-4

Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201	mg/Kg		04/05/23 13:30	04/06/23 03:45	1
Toluene	<0.00201	U	0.00201	mg/Kg		04/05/23 13:30	04/06/23 03:45	1
Ethylbenzene	<0.00201	U	0.00201	mg/Kg		04/05/23 13:30	04/06/23 03:45	1
m-Xylene & p-Xylene	<0.00402	U	0.00402	mg/Kg		04/05/23 13:30	04/06/23 03:45	1
o-Xylene	<0.00201	U	0.00201	mg/Kg		04/05/23 13:30	04/06/23 03:45	1
Xylenes, Total	<0.00402	U	0.00402	mg/Kg		04/05/23 13:30	04/06/23 03:45	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	111		70 - 130			04/05/23 13:30	04/06/23 03:45	1
1,4-Difluorobenzene (Surr)	90		70 - 130			04/05/23 13:30	04/06/23 03:45	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402	mg/Kg			04/06/23 11:48	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8	mg/Kg			04/05/23 21:39	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8	mg/Kg		04/05/23 08:19	04/05/23 13:23	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8	mg/Kg		04/05/23 08:19	04/05/23 13:23	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8	mg/Kg		04/05/23 08:19	04/05/23 13:23	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	98		70 - 130			04/05/23 08:19	04/05/23 13:23	1
o-Terphenyl	81		70 - 130			04/05/23 08:19	04/05/23 13:23	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	52.7		5.03	mg/Kg			04/05/23 11:42	1

Eurofins Midland

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: SRO 5 State 506/507

Job ID: 880-26777-1
SDG: Loving, NM

Client Sample ID: SW-8

Lab Sample ID: 880-26777-5

Date Collected: 04/03/23 10:30

Matrix: Solid

Date Received: 04/04/23 16:06

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		04/05/23 13:30	04/06/23 04:12	1
Toluene	<0.00200	U	0.00200	mg/Kg		04/05/23 13:30	04/06/23 04:12	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		04/05/23 13:30	04/06/23 04:12	1
m-Xylene & p-Xylene	<0.00401	U	0.00401	mg/Kg		04/05/23 13:30	04/06/23 04:12	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		04/05/23 13:30	04/06/23 04:12	1
Xylenes, Total	<0.00401	U	0.00401	mg/Kg		04/05/23 13:30	04/06/23 04:12	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	98		70 - 130	04/05/23 13:30	04/06/23 04:12	1
1,4-Difluorobenzene (Surr)	79		70 - 130	04/05/23 13:30	04/06/23 04:12	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401	mg/Kg			04/06/23 11:48	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8	mg/Kg			04/05/23 21:39	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8	mg/Kg		04/05/23 08:19	04/05/23 13:44	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8	mg/Kg		04/05/23 08:19	04/05/23 13:44	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8	mg/Kg		04/05/23 08:19	04/05/23 13:44	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	98		70 - 130	04/05/23 08:19	04/05/23 13:44	1
o-Terphenyl	81		70 - 130	04/05/23 08:19	04/05/23 13:44	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	66.9		5.05	mg/Kg			04/05/23 11:47	1

Client Sample ID: OB-21

Lab Sample ID: 880-26777-6

Date Collected: 04/03/23 11:00

Matrix: Solid

Date Received: 04/04/23 16:06

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198	mg/Kg		04/05/23 13:30	04/06/23 04:38	1
Toluene	<0.00198	U	0.00198	mg/Kg		04/05/23 13:30	04/06/23 04:38	1
Ethylbenzene	<0.00198	U	0.00198	mg/Kg		04/05/23 13:30	04/06/23 04:38	1
m-Xylene & p-Xylene	<0.00396	U	0.00396	mg/Kg		04/05/23 13:30	04/06/23 04:38	1
o-Xylene	<0.00198	U	0.00198	mg/Kg		04/05/23 13:30	04/06/23 04:38	1
Xylenes, Total	<0.00396	U	0.00396	mg/Kg		04/05/23 13:30	04/06/23 04:38	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	105		70 - 130	04/05/23 13:30	04/06/23 04:38	1
1,4-Difluorobenzene (Surr)	85		70 - 130	04/05/23 13:30	04/06/23 04:38	1

Eurofins Midland

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: SRO 5 State 506/507

Job ID: 880-26777-1
SDG: Loving, NM

Client Sample ID: OB-21

Lab Sample ID: 880-26777-6

Date Collected: 04/03/23 11:00

Matrix: Solid

Date Received: 04/04/23 16:06

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396	mg/Kg			04/06/23 11:48	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0	mg/Kg			04/05/23 21:39	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0	mg/Kg		04/05/23 08:19	04/05/23 14:06	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		04/05/23 08:19	04/05/23 14:06	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		04/05/23 08:19	04/05/23 14:06	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	95		70 - 130			04/05/23 08:19	04/05/23 14:06	1
o-Terphenyl	78		70 - 130			04/05/23 08:19	04/05/23 14:06	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	496		4.97	mg/Kg			04/05/23 12:01	1

Client Sample ID: OB-22

Lab Sample ID: 880-26777-7

Date Collected: 04/03/23 11:10

Matrix: Solid

Date Received: 04/04/23 16:06

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199	mg/Kg		04/05/23 13:30	04/06/23 05:05	1
Toluene	<0.00199	U	0.00199	mg/Kg		04/05/23 13:30	04/06/23 05:05	1
Ethylbenzene	<0.00199	U	0.00199	mg/Kg		04/05/23 13:30	04/06/23 05:05	1
m-Xylene & p-Xylene	<0.00398	U	0.00398	mg/Kg		04/05/23 13:30	04/06/23 05:05	1
o-Xylene	<0.00199	U	0.00199	mg/Kg		04/05/23 13:30	04/06/23 05:05	1
Xylenes, Total	<0.00398	U	0.00398	mg/Kg		04/05/23 13:30	04/06/23 05:05	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	111		70 - 130			04/05/23 13:30	04/06/23 05:05	1
1,4-Difluorobenzene (Surr)	86		70 - 130			04/05/23 13:30	04/06/23 05:05	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398	mg/Kg			04/06/23 11:48	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0	mg/Kg			04/05/23 21:39	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0	mg/Kg		04/05/23 08:19	04/05/23 14:27	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		04/05/23 08:19	04/05/23 14:27	1

Eurofins Midland

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: SRO 5 State 506/507

Job ID: 880-26777-1
SDG: Loving, NM

Client Sample ID: OB-22

Date Collected: 04/03/23 11:10

Date Received: 04/04/23 16:06

Lab Sample ID: 880-26777-7

Matrix: Solid

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		04/05/23 08:19	04/05/23 14:27	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	115		70 - 130			04/05/23 08:19	04/05/23 14:27	1
o-Terphenyl	95		70 - 130			04/05/23 08:19	04/05/23 14:27	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	305		4.96	mg/Kg			04/05/23 12:06	1

Client Sample ID: OB-23

Date Collected: 04/03/23 11:15

Date Received: 04/04/23 16:06

Lab Sample ID: 880-26777-8

Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199	mg/Kg		04/05/23 13:30	04/06/23 05:31	1
Toluene	<0.00199	U	0.00199	mg/Kg		04/05/23 13:30	04/06/23 05:31	1
Ethylbenzene	<0.00199	U	0.00199	mg/Kg		04/05/23 13:30	04/06/23 05:31	1
m-Xylene & p-Xylene	<0.00398	U	0.00398	mg/Kg		04/05/23 13:30	04/06/23 05:31	1
o-Xylene	<0.00199	U	0.00199	mg/Kg		04/05/23 13:30	04/06/23 05:31	1
Xylenes, Total	<0.00398	U	0.00398	mg/Kg		04/05/23 13:30	04/06/23 05:31	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	108		70 - 130			04/05/23 13:30	04/06/23 05:31	1
1,4-Difluorobenzene (Surr)	91		70 - 130			04/05/23 13:30	04/06/23 05:31	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398	mg/Kg			04/06/23 11:48	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9	mg/Kg			04/05/23 21:39	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9	mg/Kg		04/05/23 08:19	04/05/23 14:49	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9	mg/Kg		04/05/23 08:19	04/05/23 14:49	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg		04/05/23 08:19	04/05/23 14:49	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	96		70 - 130			04/05/23 08:19	04/05/23 14:49	1
o-Terphenyl	77		70 - 130			04/05/23 08:19	04/05/23 14:49	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	327		5.00	mg/Kg			04/05/23 12:11	1

Eurofins Midland

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: SRO 5 State 506/507

Job ID: 880-26777-1
SDG: Loving, NM

Client Sample ID: OB-24

Lab Sample ID: 880-26777-9

Date Collected: 04/03/23 11:20

Matrix: Solid

Date Received: 04/04/23 16:06

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		04/05/23 13:30	04/06/23 05:58	1
Toluene	<0.00200	U	0.00200	mg/Kg		04/05/23 13:30	04/06/23 05:58	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		04/05/23 13:30	04/06/23 05:58	1
m-Xylene & p-Xylene	<0.00399	U	0.00399	mg/Kg		04/05/23 13:30	04/06/23 05:58	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		04/05/23 13:30	04/06/23 05:58	1
Xylenes, Total	<0.00399	U	0.00399	mg/Kg		04/05/23 13:30	04/06/23 05:58	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	123		70 - 130	04/05/23 13:30	04/06/23 05:58	1
1,4-Difluorobenzene (Surr)	89		70 - 130	04/05/23 13:30	04/06/23 05:58	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399	mg/Kg			04/06/23 11:48	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9	mg/Kg			04/05/23 21:39	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9	mg/Kg		04/05/23 08:19	04/05/23 15:11	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9	mg/Kg		04/05/23 08:19	04/05/23 15:11	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg		04/05/23 08:19	04/05/23 15:11	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	115		70 - 130	04/05/23 08:19	04/05/23 15:11	1
o-Terphenyl	94		70 - 130	04/05/23 08:19	04/05/23 15:11	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	369		4.95	mg/Kg			04/05/23 12:16	1

Client Sample ID: OB-25

Lab Sample ID: 880-26777-10

Date Collected: 04/03/23 11:25

Matrix: Solid

Date Received: 04/04/23 16:06

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201	mg/Kg		04/05/23 13:30	04/06/23 06:24	1
Toluene	<0.00201	U	0.00201	mg/Kg		04/05/23 13:30	04/06/23 06:24	1
Ethylbenzene	<0.00201	U	0.00201	mg/Kg		04/05/23 13:30	04/06/23 06:24	1
m-Xylene & p-Xylene	<0.00402	U	0.00402	mg/Kg		04/05/23 13:30	04/06/23 06:24	1
o-Xylene	<0.00201	U	0.00201	mg/Kg		04/05/23 13:30	04/06/23 06:24	1
Xylenes, Total	<0.00402	U	0.00402	mg/Kg		04/05/23 13:30	04/06/23 06:24	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	105		70 - 130	04/05/23 13:30	04/06/23 06:24	1
1,4-Difluorobenzene (Surr)	87		70 - 130	04/05/23 13:30	04/06/23 06:24	1

Eurofins Midland

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: SRO 5 State 506/507

Job ID: 880-26777-1
SDG: Loving, NM

Client Sample ID: OB-25

Lab Sample ID: 880-26777-10

Date Collected: 04/03/23 11:25

Matrix: Solid

Date Received: 04/04/23 16:06

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402	mg/Kg			04/06/23 11:48	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0	mg/Kg			04/05/23 21:39	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0	mg/Kg		04/05/23 08:19	04/05/23 15:32	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		04/05/23 08:19	04/05/23 15:32	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		04/05/23 08:19	04/05/23 15:32	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	93		70 - 130			04/05/23 08:19	04/05/23 15:32	1
o-Terphenyl	76		70 - 130			04/05/23 08:19	04/05/23 15:32	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	451		4.96	mg/Kg			04/05/23 12:21	1

Client Sample ID: OB-26

Lab Sample ID: 880-26777-11

Date Collected: 04/03/23 11:30

Matrix: Solid

Date Received: 04/04/23 16:06

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		04/05/23 13:30	04/06/23 08:11	1
Toluene	<0.00200	U	0.00200	mg/Kg		04/05/23 13:30	04/06/23 08:11	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		04/05/23 13:30	04/06/23 08:11	1
m-Xylene & p-Xylene	<0.00401	U	0.00401	mg/Kg		04/05/23 13:30	04/06/23 08:11	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		04/05/23 13:30	04/06/23 08:11	1
Xylenes, Total	<0.00401	U	0.00401	mg/Kg		04/05/23 13:30	04/06/23 08:11	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	106		70 - 130			04/05/23 13:30	04/06/23 08:11	1
1,4-Difluorobenzene (Surr)	88		70 - 130			04/05/23 13:30	04/06/23 08:11	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401	mg/Kg			04/06/23 11:48	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8	mg/Kg			04/05/23 21:39	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8	mg/Kg		04/05/23 08:19	04/05/23 16:17	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8	mg/Kg		04/05/23 08:19	04/05/23 16:17	1

Eurofins Midland

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: SRO 5 State 506/507

Job ID: 880-26777-1
SDG: Loving, NM

Client Sample ID: OB-26

Lab Sample ID: 880-26777-11

Date Collected: 04/03/23 11:30

Matrix: Solid

Date Received: 04/04/23 16:06

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.8	U	49.8	mg/Kg		04/05/23 08:19	04/05/23 16:17	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	93		70 - 130			04/05/23 08:19	04/05/23 16:17	1
o-Terphenyl	76		70 - 130			04/05/23 08:19	04/05/23 16:17	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	309		5.03	mg/Kg			04/05/23 12:26	1

Client Sample ID: Dup-4

Lab Sample ID: 880-26777-12

Date Collected: 04/03/23 00:00

Matrix: Solid

Date Received: 04/04/23 16:06

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199	mg/Kg		04/05/23 13:30	04/06/23 08:38	1
Toluene	<0.00199	U	0.00199	mg/Kg		04/05/23 13:30	04/06/23 08:38	1
Ethylbenzene	<0.00199	U	0.00199	mg/Kg		04/05/23 13:30	04/06/23 08:38	1
m-Xylene & p-Xylene	<0.00398	U	0.00398	mg/Kg		04/05/23 13:30	04/06/23 08:38	1
o-Xylene	<0.00199	U	0.00199	mg/Kg		04/05/23 13:30	04/06/23 08:38	1
Xylenes, Total	<0.00398	U	0.00398	mg/Kg		04/05/23 13:30	04/06/23 08:38	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	106		70 - 130			04/05/23 13:30	04/06/23 08:38	1
1,4-Difluorobenzene (Surr)	86		70 - 130			04/05/23 13:30	04/06/23 08:38	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398	mg/Kg			04/06/23 11:48	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9	mg/Kg			04/05/23 21:39	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9	mg/Kg		04/05/23 08:19	04/05/23 19:09	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9	mg/Kg		04/05/23 08:19	04/05/23 19:09	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg		04/05/23 08:19	04/05/23 19:09	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	96		70 - 130			04/05/23 08:19	04/05/23 19:09	1
o-Terphenyl	79		70 - 130			04/05/23 08:19	04/05/23 19:09	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	179		5.00	mg/Kg			04/05/23 12:40	1

Eurofins Midland

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: SRO 5 State 506/507

Job ID: 880-26777-1
SDG: Loving, NM

Client Sample ID: Dup-5

Lab Sample ID: 880-26777-13

Date Collected: 04/03/23 00:00

Matrix: Solid

Date Received: 04/04/23 16:06

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199	mg/Kg		04/05/23 13:30	04/06/23 09:04	1
Toluene	<0.00199	U	0.00199	mg/Kg		04/05/23 13:30	04/06/23 09:04	1
Ethylbenzene	<0.00199	U	0.00199	mg/Kg		04/05/23 13:30	04/06/23 09:04	1
m-Xylene & p-Xylene	<0.00398	U	0.00398	mg/Kg		04/05/23 13:30	04/06/23 09:04	1
o-Xylene	<0.00199	U	0.00199	mg/Kg		04/05/23 13:30	04/06/23 09:04	1
Xylenes, Total	<0.00398	U	0.00398	mg/Kg		04/05/23 13:30	04/06/23 09:04	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	120		70 - 130	04/05/23 13:30	04/06/23 09:04	1
1,4-Difluorobenzene (Surr)	97		70 - 130	04/05/23 13:30	04/06/23 09:04	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398	mg/Kg			04/06/23 11:48	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8	mg/Kg			04/05/23 21:39	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8	mg/Kg		04/05/23 08:19	04/05/23 16:39	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8	mg/Kg		04/05/23 08:19	04/05/23 16:39	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8	mg/Kg		04/05/23 08:19	04/05/23 16:39	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	114		70 - 130	04/05/23 08:19	04/05/23 16:39	1
o-Terphenyl	97		70 - 130	04/05/23 08:19	04/05/23 16:39	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	66.4		4.99	mg/Kg			04/05/23 12:45	1

Client Sample ID: FL-3 @ 16'

Lab Sample ID: 880-26777-14

Date Collected: 04/04/23 09:00

Matrix: Solid

Date Received: 04/04/23 16:06

Sample Depth: 16'

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199	mg/Kg		04/05/23 13:30	04/06/23 09:31	1
Toluene	<0.00199	U	0.00199	mg/Kg		04/05/23 13:30	04/06/23 09:31	1
Ethylbenzene	<0.00199	U	0.00199	mg/Kg		04/05/23 13:30	04/06/23 09:31	1
m-Xylene & p-Xylene	<0.00398	U	0.00398	mg/Kg		04/05/23 13:30	04/06/23 09:31	1
o-Xylene	<0.00199	U	0.00199	mg/Kg		04/05/23 13:30	04/06/23 09:31	1
Xylenes, Total	<0.00398	U	0.00398	mg/Kg		04/05/23 13:30	04/06/23 09:31	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	113		70 - 130	04/05/23 13:30	04/06/23 09:31	1
1,4-Difluorobenzene (Surr)	89		70 - 130	04/05/23 13:30	04/06/23 09:31	1

Eurofins Midland

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: SRO 5 State 506/507

Job ID: 880-26777-1
SDG: Loving, NM

Client Sample ID: FL-3 @ 16'

Lab Sample ID: 880-26777-14

Date Collected: 04/04/23 09:00

Matrix: Solid

Date Received: 04/04/23 16:06

Sample Depth: 16'

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398	mg/Kg	-		04/06/23 11:48	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9	mg/Kg	-		04/05/23 21:39	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9	mg/Kg	-	04/05/23 08:19	04/05/23 17:01	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9	mg/Kg	-	04/05/23 08:19	04/05/23 17:01	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg	-	04/05/23 08:19	04/05/23 17:01	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	92		70 - 130			04/05/23 08:19	04/05/23 17:01	1
o-Terphenyl	76		70 - 130			04/05/23 08:19	04/05/23 17:01	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	52.2		4.97	mg/Kg	-		04/05/23 13:48	1

Client Sample ID: FL-4 @ 13'

Lab Sample ID: 880-26777-15

Date Collected: 04/04/23 09:10

Matrix: Solid

Date Received: 04/04/23 16:06

Sample Depth: 13'

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198	mg/Kg	-	04/05/23 13:30	04/06/23 09:57	1
Toluene	<0.00198	U	0.00198	mg/Kg	-	04/05/23 13:30	04/06/23 09:57	1
Ethylbenzene	<0.00198	U	0.00198	mg/Kg	-	04/05/23 13:30	04/06/23 09:57	1
m-Xylene & p-Xylene	<0.00397	U	0.00397	mg/Kg	-	04/05/23 13:30	04/06/23 09:57	1
o-Xylene	<0.00198	U	0.00198	mg/Kg	-	04/05/23 13:30	04/06/23 09:57	1
Xylenes, Total	<0.00397	U	0.00397	mg/Kg	-	04/05/23 13:30	04/06/23 09:57	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	113		70 - 130			04/05/23 13:30	04/06/23 09:57	1
1,4-Difluorobenzene (Surr)	100		70 - 130			04/05/23 13:30	04/06/23 09:57	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00397	U	0.00397	mg/Kg	-		04/06/23 11:48	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8	mg/Kg	-		04/05/23 21:39	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8	mg/Kg	-	04/05/23 08:19	04/05/23 17:23	1

Eurofins Midland

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: SRO 5 State 506/507

Job ID: 880-26777-1
SDG: Loving, NM

Client Sample ID: FL-4 @ 13'

Lab Sample ID: 880-26777-15

Date Collected: 04/04/23 09:10

Matrix: Solid

Date Received: 04/04/23 16:06

Sample Depth: 13'

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8	mg/Kg		04/05/23 08:19	04/05/23 17:23	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8	mg/Kg		04/05/23 08:19	04/05/23 17:23	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	92		70 - 130			04/05/23 08:19	04/05/23 17:23	1
o-Terphenyl	76		70 - 130			04/05/23 08:19	04/05/23 17:23	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	42.2		5.05	mg/Kg			04/05/23 13:53	1

Client Sample ID: FL-5 @ 13'

Lab Sample ID: 880-26777-16

Date Collected: 04/04/23 09:20

Matrix: Solid

Date Received: 04/04/23 16:06

Sample Depth: 13'

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199	mg/Kg		04/05/23 13:30	04/06/23 10:24	1
Toluene	<0.00199	U	0.00199	mg/Kg		04/05/23 13:30	04/06/23 10:24	1
Ethylbenzene	<0.00199	U	0.00199	mg/Kg		04/05/23 13:30	04/06/23 10:24	1
m-Xylene & p-Xylene	<0.00398	U	0.00398	mg/Kg		04/05/23 13:30	04/06/23 10:24	1
o-Xylene	<0.00199	U	0.00199	mg/Kg		04/05/23 13:30	04/06/23 10:24	1
Xylenes, Total	<0.00398	U	0.00398	mg/Kg		04/05/23 13:30	04/06/23 10:24	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	116		70 - 130			04/05/23 13:30	04/06/23 10:24	1
1,4-Difluorobenzene (Surr)	92		70 - 130			04/05/23 13:30	04/06/23 10:24	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398	mg/Kg			04/06/23 11:48	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9	mg/Kg			04/05/23 21:39	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9	mg/Kg		04/05/23 08:19	04/05/23 17:44	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9	mg/Kg		04/05/23 08:19	04/05/23 17:44	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg		04/05/23 08:19	04/05/23 17:44	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	94		70 - 130			04/05/23 08:19	04/05/23 17:44	1
o-Terphenyl	77		70 - 130			04/05/23 08:19	04/05/23 17:44	1

Eurofins Midland

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: SRO 5 State 506/507

Job ID: 880-26777-1
SDG: Loving, NM

Client Sample ID: FL-5 @ 13'

Lab Sample ID: 880-26777-16

Date Collected: 04/04/23 09:20

Matrix: Solid

Date Received: 04/04/23 16:06

Sample Depth: 13'

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	41.4		5.02	mg/Kg			04/05/23 13:57	1

Client Sample ID: FL-6 @ 13'

Lab Sample ID: 880-26777-17

Date Collected: 04/04/23 09:30

Matrix: Solid

Date Received: 04/04/23 16:06

Sample Depth: 13'

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		04/05/23 13:30	04/06/23 10:51	1
Toluene	<0.00200	U	0.00200	mg/Kg		04/05/23 13:30	04/06/23 10:51	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		04/05/23 13:30	04/06/23 10:51	1
m-Xylene & p-Xylene	<0.00399	U	0.00399	mg/Kg		04/05/23 13:30	04/06/23 10:51	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		04/05/23 13:30	04/06/23 10:51	1
Xylenes, Total	<0.00399	U	0.00399	mg/Kg		04/05/23 13:30	04/06/23 10:51	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	112		70 - 130			04/05/23 13:30	04/06/23 10:51	1
1,4-Difluorobenzene (Surr)	83		70 - 130			04/05/23 13:30	04/06/23 10:51	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399	mg/Kg			04/06/23 11:48	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0	mg/Kg			04/05/23 21:39	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0	mg/Kg		04/05/23 08:19	04/05/23 18:06	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		04/05/23 08:19	04/05/23 18:06	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		04/05/23 08:19	04/05/23 18:06	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	97		70 - 130			04/05/23 08:19	04/05/23 18:06	1
o-Terphenyl	80		70 - 130			04/05/23 08:19	04/05/23 18:06	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	118		5.01	mg/Kg			04/05/23 14:02	1

Eurofins Midland

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: SRO 5 State 506/507

Job ID: 880-26777-1
SDG: Loving, NM

Client Sample ID: FL-7 @ 10'

Lab Sample ID: 880-26777-18

Date Collected: 04/04/23 09:40

Matrix: Solid

Date Received: 04/04/23 16:06

Sample Depth: 10'

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		04/05/23 13:30	04/06/23 11:17	1
Toluene	<0.00200	U	0.00200	mg/Kg		04/05/23 13:30	04/06/23 11:17	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		04/05/23 13:30	04/06/23 11:17	1
m-Xylene & p-Xylene	<0.00401	U	0.00401	mg/Kg		04/05/23 13:30	04/06/23 11:17	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		04/05/23 13:30	04/06/23 11:17	1
Xylenes, Total	<0.00401	U	0.00401	mg/Kg		04/05/23 13:30	04/06/23 11:17	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	114		70 - 130	04/05/23 13:30	04/06/23 11:17	1
1,4-Difluorobenzene (Surr)	83		70 - 130	04/05/23 13:30	04/06/23 11:17	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401	mg/Kg			04/06/23 11:48	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0	mg/Kg			04/05/23 21:39	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0	mg/Kg		04/05/23 08:19	04/05/23 18:27	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		04/05/23 08:19	04/05/23 18:27	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		04/05/23 08:19	04/05/23 18:27	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	114		70 - 130	04/05/23 08:19	04/05/23 18:27	1
o-Terphenyl	94		70 - 130	04/05/23 08:19	04/05/23 18:27	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	186		5.00	mg/Kg			04/05/23 14:07	1

Client Sample ID: FL-8 @ 10'

Lab Sample ID: 880-26777-19

Date Collected: 04/04/23 09:50

Matrix: Solid

Date Received: 04/04/23 16:06

Sample Depth: 10'

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199	mg/Kg		04/05/23 13:30	04/06/23 11:43	1
Toluene	<0.00199	U	0.00199	mg/Kg		04/05/23 13:30	04/06/23 11:43	1
Ethylbenzene	<0.00199	U	0.00199	mg/Kg		04/05/23 13:30	04/06/23 11:43	1
m-Xylene & p-Xylene	<0.00398	U	0.00398	mg/Kg		04/05/23 13:30	04/06/23 11:43	1
o-Xylene	<0.00199	U	0.00199	mg/Kg		04/05/23 13:30	04/06/23 11:43	1
Xylenes, Total	<0.00398	U	0.00398	mg/Kg		04/05/23 13:30	04/06/23 11:43	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	119		70 - 130	04/05/23 13:30	04/06/23 11:43	1

Eurofins Midland

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: SRO 5 State 506/507

Job ID: 880-26777-1
SDG: Loving, NM

Client Sample ID: FL-8 @ 10'

Lab Sample ID: 880-26777-19

Date Collected: 04/04/23 09:50

Matrix: Solid

Date Received: 04/04/23 16:06

Sample Depth: 10'

Method: SW846 8021B - Volatile Organic Compounds (GC) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	84		70 - 130	04/05/23 13:30	04/06/23 11:43	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398	mg/Kg			04/06/23 13:06	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9	mg/Kg			04/05/23 21:39	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9	mg/Kg		04/05/23 08:19	04/05/23 18:48	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9	mg/Kg		04/05/23 08:19	04/05/23 18:48	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg		04/05/23 08:19	04/05/23 18:48	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	96		70 - 130			04/05/23 08:19	04/05/23 18:48	1
o-Terphenyl	78		70 - 130			04/05/23 08:19	04/05/23 18:48	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	176		5.00	mg/Kg			04/05/23 14:12	1

Client Sample ID: FL-9 @ 7'

Lab Sample ID: 880-26777-20

Date Collected: 04/04/23 10:00

Matrix: Solid

Date Received: 04/04/23 16:06

Sample Depth: 7'

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201	mg/Kg		04/05/23 13:30	04/06/23 12:10	1
Toluene	<0.00201	U	0.00201	mg/Kg		04/05/23 13:30	04/06/23 12:10	1
Ethylbenzene	<0.00201	U	0.00201	mg/Kg		04/05/23 13:30	04/06/23 12:10	1
m-Xylene & p-Xylene	<0.00402	U	0.00402	mg/Kg		04/05/23 13:30	04/06/23 12:10	1
o-Xylene	<0.00201	U	0.00201	mg/Kg		04/05/23 13:30	04/06/23 12:10	1
Xylenes, Total	<0.00402	U	0.00402	mg/Kg		04/05/23 13:30	04/06/23 12:10	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	120		70 - 130	04/05/23 13:30	04/06/23 12:10	1
1,4-Difluorobenzene (Surr)	93		70 - 130	04/05/23 13:30	04/06/23 12:10	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402	mg/Kg			04/06/23 13:06	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0	mg/Kg			04/05/23 21:39	1

Eurofins Midland

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: SRO 5 State 506/507

Job ID: 880-26777-1
SDG: Loving, NM

Client Sample ID: FL-9 @ 7'

Lab Sample ID: 880-26777-20

Date Collected: 04/04/23 10:00

Matrix: Solid

Date Received: 04/04/23 16:06

Sample Depth: 7'

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0	mg/Kg		04/05/23 08:19	04/05/23 19:31	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		04/05/23 08:19	04/05/23 19:31	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		04/05/23 08:19	04/05/23 19:31	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	115		70 - 130			04/05/23 08:19	04/05/23 19:31	1
o-Terphenyl	95		70 - 130			04/05/23 08:19	04/05/23 19:31	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	422		4.98	mg/Kg			04/05/23 14:17	1

Client Sample ID: TB-04042023

Lab Sample ID: 880-26777-21

Date Collected: 04/04/23 00:00

Matrix: Water

Date Received: 04/04/23 16:06

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/L			04/06/23 14:49	1
Toluene	<0.00200	U	0.00200	mg/L			04/06/23 14:49	1
Ethylbenzene	<0.00200	U	0.00200	mg/L			04/06/23 14:49	1
m-Xylene & p-Xylene	<0.00400	U	0.00400	mg/L			04/06/23 14:49	1
o-Xylene	<0.00200	U	0.00200	mg/L			04/06/23 14:49	1
Xylenes, Total	<0.00400	U	0.00400	mg/L			04/06/23 14:49	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	95		70 - 130				04/06/23 14:49	1
1,4-Difluorobenzene (Surr)	108		70 - 130				04/06/23 14:49	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00400	U	0.00400	mg/L			04/06/23 16:10	1

Client Sample ID: FL-10 @ 7'

Lab Sample ID: 880-26777-22

Date Collected: 04/04/23 10:10

Matrix: Solid

Date Received: 04/04/23 16:06

Sample Depth: 7'

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198	mg/Kg		04/05/23 13:33	04/06/23 01:38	1
Toluene	<0.00198	U	0.00198	mg/Kg		04/05/23 13:33	04/06/23 01:38	1
Ethylbenzene	<0.00198	U F1	0.00198	mg/Kg		04/05/23 13:33	04/06/23 01:38	1
m-Xylene & p-Xylene	<0.00396	U F1	0.00396	mg/Kg		04/05/23 13:33	04/06/23 01:38	1
o-Xylene	<0.00198	U F1	0.00198	mg/Kg		04/05/23 13:33	04/06/23 01:38	1
Xylenes, Total	<0.00396	U F1	0.00396	mg/Kg		04/05/23 13:33	04/06/23 01:38	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	98		70 - 130			04/05/23 13:33	04/06/23 01:38	1

Eurofins Midland

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: SRO 5 State 506/507

Job ID: 880-26777-1
SDG: Loving, NM

Client Sample ID: FL-10 @ 7'

Lab Sample ID: 880-26777-22

Date Collected: 04/04/23 10:10

Matrix: Solid

Date Received: 04/04/23 16:06

Sample Depth: 7'

Method: SW846 8021B - Volatile Organic Compounds (GC) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	99		70 - 130	04/05/23 13:33	04/06/23 01:38	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396	mg/Kg			04/06/23 09:28	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0	mg/Kg			04/05/23 21:43	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0	mg/Kg		04/05/23 09:42	04/05/23 11:34	1
Diesel Range Organics (Over C10-C28)	<50.0	U F1	50.0	mg/Kg		04/05/23 09:42	04/05/23 11:34	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		04/05/23 09:42	04/05/23 11:34	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	122		70 - 130			04/05/23 09:42	04/05/23 11:34	1
o-Terphenyl	143	S1+	70 - 130			04/05/23 09:42	04/05/23 11:34	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	402		5.02	mg/Kg			04/05/23 11:22	1

Client Sample ID: FL-11 @ 7'

Lab Sample ID: 880-26777-23

Date Collected: 04/04/23 10:20

Matrix: Solid

Date Received: 04/04/23 16:06

Sample Depth: 7'

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199	mg/Kg		04/05/23 13:33	04/06/23 01:58	1
Toluene	<0.00199	U	0.00199	mg/Kg		04/05/23 13:33	04/06/23 01:58	1
Ethylbenzene	<0.00199	U	0.00199	mg/Kg		04/05/23 13:33	04/06/23 01:58	1
m-Xylene & p-Xylene	<0.00398	U	0.00398	mg/Kg		04/05/23 13:33	04/06/23 01:58	1
o-Xylene	<0.00199	U	0.00199	mg/Kg		04/05/23 13:33	04/06/23 01:58	1
Xylenes, Total	<0.00398	U	0.00398	mg/Kg		04/05/23 13:33	04/06/23 01:58	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	110		70 - 130	04/05/23 13:33	04/06/23 01:58	1
1,4-Difluorobenzene (Surr)	106		70 - 130	04/05/23 13:33	04/06/23 01:58	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398	mg/Kg			04/06/23 09:28	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9	mg/Kg			04/05/23 21:43	1

Eurofins Midland

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: SRO 5 State 506/507

Job ID: 880-26777-1
SDG: Loving, NM

Client Sample ID: FL-11 @ 7'

Lab Sample ID: 880-26777-23

Date Collected: 04/04/23 10:20

Matrix: Solid

Date Received: 04/04/23 16:06

Sample Depth: 7'

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9	mg/Kg		04/05/23 09:42	04/05/23 12:39	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9	mg/Kg		04/05/23 09:42	04/05/23 12:39	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg		04/05/23 09:42	04/05/23 12:39	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	102		70 - 130			04/05/23 09:42	04/05/23 12:39	1
o-Terphenyl	119		70 - 130			04/05/23 09:42	04/05/23 12:39	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	421		5.03	mg/Kg			04/05/23 11:35	1

Client Sample ID: FL-12 @ 7'

Lab Sample ID: 880-26777-24

Date Collected: 04/04/23 10:30

Matrix: Solid

Date Received: 04/04/23 16:06

Sample Depth: 7'

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201	mg/Kg		04/05/23 13:33	04/06/23 02:18	1
Toluene	<0.00201	U	0.00201	mg/Kg		04/05/23 13:33	04/06/23 02:18	1
Ethylbenzene	<0.00201	U	0.00201	mg/Kg		04/05/23 13:33	04/06/23 02:18	1
m-Xylene & p-Xylene	<0.00402	U	0.00402	mg/Kg		04/05/23 13:33	04/06/23 02:18	1
o-Xylene	<0.00201	U	0.00201	mg/Kg		04/05/23 13:33	04/06/23 02:18	1
Xylenes, Total	<0.00402	U	0.00402	mg/Kg		04/05/23 13:33	04/06/23 02:18	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	108		70 - 130			04/05/23 13:33	04/06/23 02:18	1
1,4-Difluorobenzene (Surr)	107		70 - 130			04/05/23 13:33	04/06/23 02:18	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402	mg/Kg			04/06/23 09:28	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0	mg/Kg			04/05/23 21:43	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0	mg/Kg		04/05/23 09:42	04/05/23 13:01	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		04/05/23 09:42	04/05/23 13:01	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		04/05/23 09:42	04/05/23 13:01	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	129		70 - 130			04/05/23 09:42	04/05/23 13:01	1
o-Terphenyl	144	S1+	70 - 130			04/05/23 09:42	04/05/23 13:01	1

Eurofins Midland

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: SRO 5 State 506/507

Job ID: 880-26777-1
SDG: Loving, NM

Client Sample ID: FL-12 @ 7'

Lab Sample ID: 880-26777-24

Date Collected: 04/04/23 10:30

Matrix: Solid

Date Received: 04/04/23 16:06

Sample Depth: 7'

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	432		5.03	mg/Kg			04/05/23 11:40	1

Client Sample ID: FL-13 @ 7'

Lab Sample ID: 880-26777-25

Date Collected: 04/04/23 10:40

Matrix: Solid

Date Received: 04/04/23 16:06

Sample Depth: 7'

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		04/05/23 13:33	04/06/23 02:39	1
Toluene	<0.00200	U	0.00200	mg/Kg		04/05/23 13:33	04/06/23 02:39	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		04/05/23 13:33	04/06/23 02:39	1
m-Xylene & p-Xylene	<0.00401	U	0.00401	mg/Kg		04/05/23 13:33	04/06/23 02:39	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		04/05/23 13:33	04/06/23 02:39	1
Xylenes, Total	<0.00401	U	0.00401	mg/Kg		04/05/23 13:33	04/06/23 02:39	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	106		70 - 130			04/05/23 13:33	04/06/23 02:39	1
1,4-Difluorobenzene (Surr)	105		70 - 130			04/05/23 13:33	04/06/23 02:39	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401	mg/Kg			04/06/23 09:28	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9	mg/Kg			04/05/23 21:43	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9	mg/Kg		04/05/23 09:42	04/05/23 13:23	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9	mg/Kg		04/05/23 09:42	04/05/23 13:23	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg		04/05/23 09:42	04/05/23 13:23	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	117		70 - 130			04/05/23 09:42	04/05/23 13:23	1
o-Terphenyl	137	S1+	70 - 130			04/05/23 09:42	04/05/23 13:23	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	422		4.97	mg/Kg			04/05/23 11:44	1

Eurofins Midland

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: SRO 5 State 506/507

Job ID: 880-26777-1
SDG: Loving, NM

Client Sample ID: FL-14 @ 7'

Lab Sample ID: 880-26777-26

Date Collected: 04/04/23 10:50

Matrix: Solid

Date Received: 04/04/23 16:06

Sample Depth: 7'

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199	mg/Kg		04/05/23 13:33	04/06/23 02:59	1
Toluene	<0.00199	U	0.00199	mg/Kg		04/05/23 13:33	04/06/23 02:59	1
Ethylbenzene	<0.00199	U	0.00199	mg/Kg		04/05/23 13:33	04/06/23 02:59	1
m-Xylene & p-Xylene	<0.00398	U	0.00398	mg/Kg		04/05/23 13:33	04/06/23 02:59	1
o-Xylene	<0.00199	U	0.00199	mg/Kg		04/05/23 13:33	04/06/23 02:59	1
Xylenes, Total	<0.00398	U	0.00398	mg/Kg		04/05/23 13:33	04/06/23 02:59	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	106		70 - 130	04/05/23 13:33	04/06/23 02:59	1
1,4-Difluorobenzene (Surr)	103		70 - 130	04/05/23 13:33	04/06/23 02:59	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398	mg/Kg			04/06/23 09:28	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8	mg/Kg			04/05/23 21:43	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8	mg/Kg		04/05/23 09:42	04/05/23 13:44	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8	mg/Kg		04/05/23 09:42	04/05/23 13:44	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8	mg/Kg		04/05/23 09:42	04/05/23 13:44	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	103		70 - 130	04/05/23 09:42	04/05/23 13:44	1
o-Terphenyl	121		70 - 130	04/05/23 09:42	04/05/23 13:44	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	391		4.95	mg/Kg			04/05/23 11:49	1

Client Sample ID: FL-15 @ 7'

Lab Sample ID: 880-26777-27

Date Collected: 04/04/23 10:55

Matrix: Solid

Date Received: 04/04/23 16:06

Sample Depth: 7'

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199	mg/Kg		04/05/23 13:33	04/06/23 03:20	1
Toluene	<0.00199	U	0.00199	mg/Kg		04/05/23 13:33	04/06/23 03:20	1
Ethylbenzene	<0.00199	U	0.00199	mg/Kg		04/05/23 13:33	04/06/23 03:20	1
m-Xylene & p-Xylene	<0.00398	U	0.00398	mg/Kg		04/05/23 13:33	04/06/23 03:20	1
o-Xylene	<0.00199	U	0.00199	mg/Kg		04/05/23 13:33	04/06/23 03:20	1
Xylenes, Total	<0.00398	U	0.00398	mg/Kg		04/05/23 13:33	04/06/23 03:20	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	111		70 - 130	04/05/23 13:33	04/06/23 03:20	1

Eurofins Midland

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: SRO 5 State 506/507

Job ID: 880-26777-1
SDG: Loving, NM

Client Sample ID: FL-15 @ 7'

Lab Sample ID: 880-26777-27

Date Collected: 04/04/23 10:55

Matrix: Solid

Date Received: 04/04/23 16:06

Sample Depth: 7'

Method: SW846 8021B - Volatile Organic Compounds (GC) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	104		70 - 130	04/05/23 13:33	04/06/23 03:20	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398	mg/Kg			04/06/23 09:28	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9	mg/Kg			04/05/23 21:43	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9	mg/Kg		04/05/23 09:42	04/05/23 14:06	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9	mg/Kg		04/05/23 09:42	04/05/23 14:06	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg		04/05/23 09:42	04/05/23 14:06	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	108		70 - 130			04/05/23 09:42	04/05/23 14:06	1
o-Terphenyl	126		70 - 130			04/05/23 09:42	04/05/23 14:06	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	416		5.03	mg/Kg			04/05/23 12:03	1

Client Sample ID: FL-16 @ 7'

Lab Sample ID: 880-26777-28

Date Collected: 04/04/23 11:00

Matrix: Solid

Date Received: 04/04/23 16:06

Sample Depth: 7'

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198	mg/Kg		04/05/23 13:33	04/06/23 03:40	1
Toluene	<0.00198	U	0.00198	mg/Kg		04/05/23 13:33	04/06/23 03:40	1
Ethylbenzene	<0.00198	U	0.00198	mg/Kg		04/05/23 13:33	04/06/23 03:40	1
m-Xylene & p-Xylene	<0.00396	U	0.00396	mg/Kg		04/05/23 13:33	04/06/23 03:40	1
o-Xylene	<0.00198	U	0.00198	mg/Kg		04/05/23 13:33	04/06/23 03:40	1
Xylenes, Total	<0.00396	U	0.00396	mg/Kg		04/05/23 13:33	04/06/23 03:40	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	97		70 - 130	04/05/23 13:33	04/06/23 03:40	1
1,4-Difluorobenzene (Surr)	101		70 - 130	04/05/23 13:33	04/06/23 03:40	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396	mg/Kg			04/06/23 09:28	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8	mg/Kg			04/05/23 21:43	1

Eurofins Midland

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: SRO 5 State 506/507

Job ID: 880-26777-1
SDG: Loving, NM

Client Sample ID: FL-16 @ 7'

Lab Sample ID: 880-26777-28

Date Collected: 04/04/23 11:00

Matrix: Solid

Date Received: 04/04/23 16:06

Sample Depth: 7'

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8	mg/Kg		04/05/23 09:42	04/05/23 14:27	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8	mg/Kg		04/05/23 09:42	04/05/23 14:27	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8	mg/Kg		04/05/23 09:42	04/05/23 14:27	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	109		70 - 130			04/05/23 09:42	04/05/23 14:27	1
o-Terphenyl	126		70 - 130			04/05/23 09:42	04/05/23 14:27	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	409		5.02	mg/Kg			04/05/23 12:07	1

Client Sample ID: FL-17 @ 7'

Lab Sample ID: 880-26777-29

Date Collected: 04/04/23 11:05

Matrix: Solid

Date Received: 04/04/23 16:06

Sample Depth: 7'

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		04/05/23 13:33	04/06/23 04:00	1
Toluene	<0.00200	U	0.00200	mg/Kg		04/05/23 13:33	04/06/23 04:00	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		04/05/23 13:33	04/06/23 04:00	1
m-Xylene & p-Xylene	<0.00399	U	0.00399	mg/Kg		04/05/23 13:33	04/06/23 04:00	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		04/05/23 13:33	04/06/23 04:00	1
Xylenes, Total	<0.00399	U	0.00399	mg/Kg		04/05/23 13:33	04/06/23 04:00	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	106		70 - 130			04/05/23 13:33	04/06/23 04:00	1
1,4-Difluorobenzene (Surr)	108		70 - 130			04/05/23 13:33	04/06/23 04:00	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399	mg/Kg			04/06/23 09:28	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9	mg/Kg			04/05/23 21:43	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9	mg/Kg		04/05/23 09:42	04/05/23 14:49	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9	mg/Kg		04/05/23 09:42	04/05/23 14:49	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg		04/05/23 09:42	04/05/23 14:49	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	100		70 - 130			04/05/23 09:42	04/05/23 14:49	1
o-Terphenyl	118		70 - 130			04/05/23 09:42	04/05/23 14:49	1

Eurofins Midland

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: SRO 5 State 506/507

Job ID: 880-26777-1
SDG: Loving, NM

Client Sample ID: FL-17 @ 7'

Lab Sample ID: 880-26777-29

Date Collected: 04/04/23 11:05

Matrix: Solid

Date Received: 04/04/23 16:06

Sample Depth: 7'

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	428		5.04	mg/Kg			04/05/23 12:12	1

Client Sample ID: FL-18 @ 7'

Lab Sample ID: 880-26777-30

Date Collected: 04/04/23 11:10

Matrix: Solid

Date Received: 04/04/23 16:06

Sample Depth: 7'

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201	mg/Kg		04/05/23 13:33	04/06/23 04:21	1
Toluene	<0.00201	U	0.00201	mg/Kg		04/05/23 13:33	04/06/23 04:21	1
Ethylbenzene	<0.00201	U	0.00201	mg/Kg		04/05/23 13:33	04/06/23 04:21	1
m-Xylene & p-Xylene	<0.00402	U	0.00402	mg/Kg		04/05/23 13:33	04/06/23 04:21	1
o-Xylene	<0.00201	U	0.00201	mg/Kg		04/05/23 13:33	04/06/23 04:21	1
Xylenes, Total	<0.00402	U	0.00402	mg/Kg		04/05/23 13:33	04/06/23 04:21	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	100		70 - 130			04/05/23 13:33	04/06/23 04:21	1
1,4-Difluorobenzene (Surr)	96		70 - 130			04/05/23 13:33	04/06/23 04:21	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402	mg/Kg			04/06/23 09:28	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0	mg/Kg			04/05/23 21:43	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0	mg/Kg		04/05/23 09:42	04/05/23 15:11	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		04/05/23 09:42	04/05/23 15:11	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		04/05/23 09:42	04/05/23 15:11	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	138	S1+	70 - 130			04/05/23 09:42	04/05/23 15:11	1
o-Terphenyl	150	S1+	70 - 130			04/05/23 09:42	04/05/23 15:11	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	387		4.98	mg/Kg			04/05/23 12:16	1

Client Sample ID: SW-9

Lab Sample ID: 880-26777-31

Date Collected: 04/04/23 11:15

Matrix: Solid

Date Received: 04/04/23 16:06

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		04/05/23 13:33	04/06/23 04:41	1

Eurofins Midland

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: SRO 5 State 506/507

Job ID: 880-26777-1
SDG: Loving, NM

Client Sample ID: SW-9

Lab Sample ID: 880-26777-31

Date Collected: 04/04/23 11:15

Matrix: Solid

Date Received: 04/04/23 16:06

Method: SW846 8021B - Volatile Organic Compounds (GC) (Continued)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Toluene	<0.00200	U	0.00200	mg/Kg		04/05/23 13:33	04/06/23 04:41	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		04/05/23 13:33	04/06/23 04:41	1
m-Xylene & p-Xylene	<0.00401	U	0.00401	mg/Kg		04/05/23 13:33	04/06/23 04:41	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		04/05/23 13:33	04/06/23 04:41	1
Xylenes, Total	<0.00401	U	0.00401	mg/Kg		04/05/23 13:33	04/06/23 04:41	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		70 - 130	04/05/23 13:33	04/06/23 04:41	1
1,4-Difluorobenzene (Surr)	107		70 - 130	04/05/23 13:33	04/06/23 04:41	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401	mg/Kg			04/06/23 09:28	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0	mg/Kg			04/05/23 21:43	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0	mg/Kg		04/05/23 09:42	04/05/23 15:32	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		04/05/23 09:42	04/05/23 15:32	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		04/05/23 09:42	04/05/23 15:32	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	118		70 - 130	04/05/23 09:42	04/05/23 15:32	1
o-Terphenyl	132	S1+	70 - 130	04/05/23 09:42	04/05/23 15:32	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	171		5.04	mg/Kg			04/05/23 12:21	1

Client Sample ID: SW-10

Lab Sample ID: 880-26777-32

Date Collected: 04/04/23 11:20

Matrix: Solid

Date Received: 04/04/23 16:06

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199	mg/Kg		04/05/23 13:33	04/06/23 06:31	1
Toluene	<0.00199	U	0.00199	mg/Kg		04/05/23 13:33	04/06/23 06:31	1
Ethylbenzene	<0.00199	U	0.00199	mg/Kg		04/05/23 13:33	04/06/23 06:31	1
m-Xylene & p-Xylene	<0.00398	U	0.00398	mg/Kg		04/05/23 13:33	04/06/23 06:31	1
o-Xylene	<0.00199	U	0.00199	mg/Kg		04/05/23 13:33	04/06/23 06:31	1
Xylenes, Total	<0.00398	U	0.00398	mg/Kg		04/05/23 13:33	04/06/23 06:31	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	98		70 - 130	04/05/23 13:33	04/06/23 06:31	1
1,4-Difluorobenzene (Surr)	97		70 - 130	04/05/23 13:33	04/06/23 06:31	1

Eurofins Midland

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: SRO 5 State 506/507

Job ID: 880-26777-1
SDG: Loving, NM

Client Sample ID: SW-10

Lab Sample ID: 880-26777-32

Date Collected: 04/04/23 11:20

Matrix: Solid

Date Received: 04/04/23 16:06

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398	mg/Kg			04/06/23 09:28	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8	mg/Kg			04/05/23 21:43	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8	mg/Kg		04/05/23 09:42	04/05/23 16:17	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8	mg/Kg		04/05/23 09:42	04/05/23 16:17	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8	mg/Kg		04/05/23 09:42	04/05/23 16:17	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	100		70 - 130			04/05/23 09:42	04/05/23 16:17	1
o-Terphenyl	117		70 - 130			04/05/23 09:42	04/05/23 16:17	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	143		4.99	mg/Kg			04/05/23 12:26	1

Client Sample ID: SW-11

Lab Sample ID: 880-26777-33

Date Collected: 04/04/23 11:25

Matrix: Solid

Date Received: 04/04/23 16:06

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199	mg/Kg		04/05/23 13:33	04/06/23 06:51	1
Toluene	<0.00199	U	0.00199	mg/Kg		04/05/23 13:33	04/06/23 06:51	1
Ethylbenzene	<0.00199	U	0.00199	mg/Kg		04/05/23 13:33	04/06/23 06:51	1
m-Xylene & p-Xylene	<0.00398	U	0.00398	mg/Kg		04/05/23 13:33	04/06/23 06:51	1
o-Xylene	<0.00199	U	0.00199	mg/Kg		04/05/23 13:33	04/06/23 06:51	1
Xylenes, Total	<0.00398	U	0.00398	mg/Kg		04/05/23 13:33	04/06/23 06:51	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		70 - 130			04/05/23 13:33	04/06/23 06:51	1
1,4-Difluorobenzene (Surr)	106		70 - 130			04/05/23 13:33	04/06/23 06:51	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398	mg/Kg			04/06/23 09:28	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9	mg/Kg			04/05/23 21:43	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9	mg/Kg		04/05/23 09:42	04/05/23 16:39	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9	mg/Kg		04/05/23 09:42	04/05/23 16:39	1

Eurofins Midland

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: SRO 5 State 506/507

Job ID: 880-26777-1
SDG: Loving, NM

Client Sample ID: SW-11

Lab Sample ID: 880-26777-33

Date Collected: 04/04/23 11:25

Matrix: Solid

Date Received: 04/04/23 16:06

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
OII Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg		04/05/23 09:42	04/05/23 16:39	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	93		70 - 130			04/05/23 09:42	04/05/23 16:39	1
o-Terphenyl	104		70 - 130			04/05/23 09:42	04/05/23 16:39	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	144		5.03	mg/Kg			04/05/23 12:39	1

Client Sample ID: SW-12

Lab Sample ID: 880-26777-34

Date Collected: 04/04/23 11:30

Matrix: Solid

Date Received: 04/04/23 16:06

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		04/05/23 13:33	04/06/23 07:12	1
Toluene	<0.00200	U	0.00200	mg/Kg		04/05/23 13:33	04/06/23 07:12	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		04/05/23 13:33	04/06/23 07:12	1
m-Xylene & p-Xylene	<0.00399	U	0.00399	mg/Kg		04/05/23 13:33	04/06/23 07:12	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		04/05/23 13:33	04/06/23 07:12	1
Xylenes, Total	<0.00399	U	0.00399	mg/Kg		04/05/23 13:33	04/06/23 07:12	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	102		70 - 130			04/05/23 13:33	04/06/23 07:12	1
1,4-Difluorobenzene (Surr)	106		70 - 130			04/05/23 13:33	04/06/23 07:12	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399	mg/Kg			04/06/23 09:28	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8	mg/Kg			04/05/23 21:43	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8	mg/Kg		04/05/23 09:42	04/05/23 17:01	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8	mg/Kg		04/05/23 09:42	04/05/23 17:01	1
OII Range Organics (Over C28-C36)	<49.8	U	49.8	mg/Kg		04/05/23 09:42	04/05/23 17:01	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	114		70 - 130			04/05/23 09:42	04/05/23 17:01	1
o-Terphenyl	127		70 - 130			04/05/23 09:42	04/05/23 17:01	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	147		5.02	mg/Kg			04/05/23 12:44	1

Eurofins Midland

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: SRO 5 State 506/507

Job ID: 880-26777-1
SDG: Loving, NM

Client Sample ID: SW-13

Lab Sample ID: 880-26777-35

Date Collected: 04/04/23 11:35

Matrix: Solid

Date Received: 04/04/23 16:06

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202	mg/Kg		04/05/23 13:33	04/06/23 07:32	1
Toluene	<0.00202	U	0.00202	mg/Kg		04/05/23 13:33	04/06/23 07:32	1
Ethylbenzene	<0.00202	U	0.00202	mg/Kg		04/05/23 13:33	04/06/23 07:32	1
m-Xylene & p-Xylene	<0.00403	U	0.00403	mg/Kg		04/05/23 13:33	04/06/23 07:32	1
o-Xylene	<0.00202	U	0.00202	mg/Kg		04/05/23 13:33	04/06/23 07:32	1
Xylenes, Total	<0.00403	U	0.00403	mg/Kg		04/05/23 13:33	04/06/23 07:32	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	102		70 - 130	04/05/23 13:33	04/06/23 07:32	1
1,4-Difluorobenzene (Surr)	107		70 - 130	04/05/23 13:33	04/06/23 07:32	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00403	U	0.00403	mg/Kg			04/06/23 09:28	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9	mg/Kg			04/05/23 21:43	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9	mg/Kg		04/05/23 09:42	04/05/23 17:23	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9	mg/Kg		04/05/23 09:42	04/05/23 17:23	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg		04/05/23 09:42	04/05/23 17:23	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	83		70 - 130	04/05/23 09:42	04/05/23 17:23	1
o-Terphenyl	96		70 - 130	04/05/23 09:42	04/05/23 17:23	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	149		4.98	mg/Kg			04/05/23 12:57	1

Client Sample ID: Dup-6

Lab Sample ID: 880-26777-36

Date Collected: 04/04/23 00:00

Matrix: Solid

Date Received: 04/04/23 16:06

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		04/05/23 13:33	04/06/23 07:53	1
Toluene	<0.00200	U	0.00200	mg/Kg		04/05/23 13:33	04/06/23 07:53	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		04/05/23 13:33	04/06/23 07:53	1
m-Xylene & p-Xylene	<0.00401	U	0.00401	mg/Kg		04/05/23 13:33	04/06/23 07:53	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		04/05/23 13:33	04/06/23 07:53	1
Xylenes, Total	<0.00401	U	0.00401	mg/Kg		04/05/23 13:33	04/06/23 07:53	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	101		70 - 130	04/05/23 13:33	04/06/23 07:53	1
1,4-Difluorobenzene (Surr)	107		70 - 130	04/05/23 13:33	04/06/23 07:53	1

Eurofins Midland

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: SRO 5 State 506/507

Job ID: 880-26777-1
SDG: Loving, NM

Client Sample ID: Dup-6

Lab Sample ID: 880-26777-36

Date Collected: 04/04/23 00:00

Matrix: Solid

Date Received: 04/04/23 16:06

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401	mg/Kg			04/06/23 09:28	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8	mg/Kg			04/05/23 21:43	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8	mg/Kg		04/05/23 09:42	04/05/23 17:44	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8	mg/Kg		04/05/23 09:42	04/05/23 17:44	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8	mg/Kg		04/05/23 09:42	04/05/23 17:44	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	96		70 - 130	04/05/23 09:42	04/05/23 17:44	1
o-Terphenyl	112		70 - 130	04/05/23 09:42	04/05/23 17:44	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	130		5.04	mg/Kg			04/05/23 13:02	1

Client Sample ID: Dup-7

Lab Sample ID: 880-26777-37

Date Collected: 04/04/23 00:00

Matrix: Solid

Date Received: 04/04/23 16:06

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199	mg/Kg		04/05/23 13:33	04/06/23 08:13	1
Toluene	<0.00199	U	0.00199	mg/Kg		04/05/23 13:33	04/06/23 08:13	1
Ethylbenzene	<0.00199	U	0.00199	mg/Kg		04/05/23 13:33	04/06/23 08:13	1
m-Xylene & p-Xylene	<0.00398	U	0.00398	mg/Kg		04/05/23 13:33	04/06/23 08:13	1
o-Xylene	<0.00199	U	0.00199	mg/Kg		04/05/23 13:33	04/06/23 08:13	1
Xylenes, Total	<0.00398	U	0.00398	mg/Kg		04/05/23 13:33	04/06/23 08:13	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		70 - 130	04/05/23 13:33	04/06/23 08:13	1
1,4-Difluorobenzene (Surr)	106		70 - 130	04/05/23 13:33	04/06/23 08:13	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398	mg/Kg			04/06/23 09:28	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9	mg/Kg			04/05/23 21:43	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9	mg/Kg		04/05/23 09:42	04/05/23 18:06	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9	mg/Kg		04/05/23 09:42	04/05/23 18:06	1

Eurofins Midland

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: SRO 5 State 506/507

Job ID: 880-26777-1
SDG: Loving, NM

Client Sample ID: Dup-7

Lab Sample ID: 880-26777-37

Date Collected: 04/04/23 00:00

Matrix: Solid

Date Received: 04/04/23 16:06

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg		04/05/23 09:42	04/05/23 18:06	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	99		70 - 130			04/05/23 09:42	04/05/23 18:06	1
o-Terphenyl	116		70 - 130			04/05/23 09:42	04/05/23 18:06	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	434		4.96	mg/Kg			04/05/23 13:07	1

Client Sample ID: Dup-8

Lab Sample ID: 880-26777-38

Date Collected: 04/04/23 00:00

Matrix: Solid

Date Received: 04/04/23 16:06

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199	mg/Kg		04/05/23 13:33	04/06/23 08:34	1
Toluene	<0.00199	U	0.00199	mg/Kg		04/05/23 13:33	04/06/23 08:34	1
Ethylbenzene	<0.00199	U	0.00199	mg/Kg		04/05/23 13:33	04/06/23 08:34	1
m-Xylene & p-Xylene	<0.00398	U	0.00398	mg/Kg		04/05/23 13:33	04/06/23 08:34	1
o-Xylene	<0.00199	U	0.00199	mg/Kg		04/05/23 13:33	04/06/23 08:34	1
Xylenes, Total	<0.00398	U	0.00398	mg/Kg		04/05/23 13:33	04/06/23 08:34	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	106		70 - 130			04/05/23 13:33	04/06/23 08:34	1
1,4-Difluorobenzene (Surr)	110		70 - 130			04/05/23 13:33	04/06/23 08:34	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398	mg/Kg			04/06/23 09:28	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0	mg/Kg			04/05/23 21:43	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0	mg/Kg		04/05/23 09:42	04/05/23 18:27	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		04/05/23 09:42	04/05/23 18:27	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		04/05/23 09:42	04/05/23 18:27	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	104		70 - 130			04/05/23 09:42	04/05/23 18:27	1
o-Terphenyl	124		70 - 130			04/05/23 09:42	04/05/23 18:27	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	194		4.98	mg/Kg			04/05/23 13:11	1

Eurofins Midland

Surrogate Summary

Client: TRC Solutions, Inc.
Project/Site: SRO 5 State 506/507

Job ID: 880-26777-1
SDG: Loving, NM

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	BFB1	DFBZ1
		(70-130)	(70-130)
880-26777-1	FL-2 @ 1'	103	88
880-26777-1 MS	FL-2 @ 1'	104	104
880-26777-1 MSD	FL-2 @ 1'	108	111
880-26777-2	SW-5	117	85
880-26777-3	SW-6	109	85
880-26777-4	SW-7	111	90
880-26777-5	SW-8	98	79
880-26777-6	OB-21	105	85
880-26777-7	OB-22	111	86
880-26777-8	OB-23	108	91
880-26777-9	OB-24	123	89
880-26777-10	OB-25	105	87
880-26777-11	OB-26	106	88
880-26777-12	Dup-4	106	86
880-26777-13	Dup-5	120	97
880-26777-14	FL-3 @ 16'	113	89
880-26777-15	FL-4 @ 13'	113	100
880-26777-16	FL-5 @ 13'	116	92
880-26777-17	FL-6 @ 13'	112	83
880-26777-18	FL-7 @ 10'	114	83
880-26777-19	FL-8 @ 10'	119	84
880-26777-20	FL-9 @ 7'	120	93
880-26777-22	FL-10 @ 7'	98	99
880-26777-22 MS	FL-10 @ 7'	100	109
880-26777-22 MSD	FL-10 @ 7'	100	109
880-26777-23	FL-11 @ 7'	110	106
880-26777-24	FL-12 @ 7'	108	107
880-26777-25	FL-13 @ 7'	106	105
880-26777-26	FL-14 @ 7'	106	103
880-26777-27	FL-15 @ 7'	111	104
880-26777-28	FL-16 @ 7'	97	101
880-26777-29	FL-17 @ 7'	106	108
880-26777-30	FL-18 @ 7'	100	96
880-26777-31	SW-9	104	107
880-26777-32	SW-10	98	97
880-26777-33	SW-11	103	106
880-26777-34	SW-12	102	106
880-26777-35	SW-13	102	107
880-26777-36	Dup-6	101	107
880-26777-37	Dup-7	104	106
880-26777-38	Dup-8	106	110
LCS 880-50411/1-A	Lab Control Sample	100	98
LCS 880-50412/1-A	Lab Control Sample	100	109
LCSD 880-50411/2-A	Lab Control Sample Dup	100	110
LCSD 880-50412/2-A	Lab Control Sample Dup	102	107
MB 880-50193/5-A	Method Blank	63 S1-	85
MB 880-50364/5-A	Method Blank	89	103
MB 880-50411/5-A	Method Blank	65 S1-	85
MB 880-50412/5-A	Method Blank	93	99

Eurofins Midland

Surrogate Summary

Client: TRC Solutions, Inc.
Project/Site: SRO 5 State 506/507

Job ID: 880-26777-1
SDG: Loving, NM

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)

DFBZ = 1,4-Difluorobenzene (Surr)

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Water

Prep Type: Total/NA

Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	BFB1 (70-130)	DFBZ1 (70-130)
880-26777-21	TB-04042023	95	108
880-26845-A-1 MS	Matrix Spike	99	111
880-26845-A-1 MSD	Matrix Spike Duplicate	104	112
LCS 880-50512/3	Lab Control Sample	98	110
LCSD 880-50512/4	Lab Control Sample Dup	100	111
MB 880-50512/8	Method Blank	92	99

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)

DFBZ = 1,4-Difluorobenzene (Surr)

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

Matrix: Solid

Prep Type: Total/NA

Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	1CO1 (70-130)	OTPH1 (70-130)
880-26777-1	FL-2 @ 1'	98	80
880-26777-1 MS	FL-2 @ 1'	105	78
880-26777-1 MSD	FL-2 @ 1'	106	77
880-26777-2	SW-5	91	75
880-26777-3	SW-6	93	77
880-26777-4	SW-7	98	81
880-26777-5	SW-8	98	81
880-26777-6	OB-21	95	78
880-26777-7	OB-22	115	95
880-26777-8	OB-23	96	77
880-26777-9	OB-24	115	94
880-26777-10	OB-25	93	76
880-26777-11	OB-26	93	76
880-26777-12	Dup-4	96	79
880-26777-13	Dup-5	114	97
880-26777-14	FL-3 @ 16'	92	76
880-26777-15	FL-4 @ 13'	92	76
880-26777-16	FL-5 @ 13'	94	77
880-26777-17	FL-6 @ 13'	97	80
880-26777-18	FL-7 @ 10'	114	94
880-26777-19	FL-8 @ 10'	96	78
880-26777-20	FL-9 @ 7'	115	95
880-26777-22	FL-10 @ 7'	122	143 S1+
880-26777-22 MS	FL-10 @ 7'	131 S1+	137 S1+
880-26777-22 MSD	FL-10 @ 7'	152 S1+	153 S1+
880-26777-23	FL-11 @ 7'	102	119
880-26777-24	FL-12 @ 7'	129	144 S1+
880-26777-25	FL-13 @ 7'	117	137 S1+
880-26777-26	FL-14 @ 7'	103	121
880-26777-27	FL-15 @ 7'	108	126

Eurofins Midland

Surrogate Summary

Client: TRC Solutions, Inc.
Project/Site: SRO 5 State 506/507

Job ID: 880-26777-1
SDG: Loving, NM

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)**Matrix: Solid****Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	1CO1 (70-130)	OTPH1 (70-130)
880-26777-28	FL-16 @ 7'	109	126
880-26777-29	FL-17 @ 7'	100	118
880-26777-30	FL-18 @ 7'	138 S1+	150 S1+
880-26777-31	SW-9	118	132 S1+
880-26777-32	SW-10	100	117
880-26777-33	SW-11	93	104
880-26777-34	SW-12	114	127
880-26777-35	SW-13	83	96
880-26777-36	Dup-6	96	112
880-26777-37	Dup-7	99	116
880-26777-38	Dup-8	104	124
LCS 880-50357/2-A	Lab Control Sample	138 S1+	112
LCS 880-50386/2-A	Lab Control Sample	109	124
LCSD 880-50357/3-A	Lab Control Sample Dup	97	75
LCSD 880-50386/3-A	Lab Control Sample Dup	117	129
MB 880-50357/1-A	Method Blank	118	102
MB 880-50386/1-A	Method Blank	139 S1+	168 S1+

Surrogate Legend

1CO = 1-Chlorooctane

OTPH = o-Terphenyl

QC Sample Results

Client: TRC Solutions, Inc.
Project/Site: SRO 5 State 506/507

Job ID: 880-26777-1
SDG: Loving, NM

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-50193/5-A

Matrix: Solid

Analysis Batch: 50361

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 50193

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		04/03/23 13:16	04/05/23 12:26	1
Toluene	<0.00200	U	0.00200	mg/Kg		04/03/23 13:16	04/05/23 12:26	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		04/03/23 13:16	04/05/23 12:26	1
m-Xylene & p-Xylene	<0.00400	U	0.00400	mg/Kg		04/03/23 13:16	04/05/23 12:26	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		04/03/23 13:16	04/05/23 12:26	1
Xylenes, Total	<0.00400	U	0.00400	mg/Kg		04/03/23 13:16	04/05/23 12:26	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	63	S1-	70 - 130	04/03/23 13:16	04/05/23 12:26	1
1,4-Difluorobenzene (Surr)	85		70 - 130	04/03/23 13:16	04/05/23 12:26	1

Lab Sample ID: MB 880-50364/5-A

Matrix: Solid

Analysis Batch: 50387

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 50364

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		04/05/23 09:23	04/05/23 13:33	1
Toluene	<0.00200	U	0.00200	mg/Kg		04/05/23 09:23	04/05/23 13:33	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		04/05/23 09:23	04/05/23 13:33	1
m-Xylene & p-Xylene	<0.00400	U	0.00400	mg/Kg		04/05/23 09:23	04/05/23 13:33	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		04/05/23 09:23	04/05/23 13:33	1
Xylenes, Total	<0.00400	U	0.00400	mg/Kg		04/05/23 09:23	04/05/23 13:33	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	89		70 - 130	04/05/23 09:23	04/05/23 13:33	1
1,4-Difluorobenzene (Surr)	103		70 - 130	04/05/23 09:23	04/05/23 13:33	1

Lab Sample ID: MB 880-50411/5-A

Matrix: Solid

Analysis Batch: 50361

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 50411

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		04/05/23 13:30	04/06/23 02:00	1
Toluene	<0.00200	U	0.00200	mg/Kg		04/05/23 13:30	04/06/23 02:00	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		04/05/23 13:30	04/06/23 02:00	1
m-Xylene & p-Xylene	<0.00400	U	0.00400	mg/Kg		04/05/23 13:30	04/06/23 02:00	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		04/05/23 13:30	04/06/23 02:00	1
Xylenes, Total	<0.00400	U	0.00400	mg/Kg		04/05/23 13:30	04/06/23 02:00	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	65	S1-	70 - 130	04/05/23 13:30	04/06/23 02:00	1
1,4-Difluorobenzene (Surr)	85		70 - 130	04/05/23 13:30	04/06/23 02:00	1

Eurofins Midland

QC Sample Results

Client: TRC Solutions, Inc.
Project/Site: SRO 5 State 506/507

Job ID: 880-26777-1
SDG: Loving, NM

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: LCS 880-50411/1-A

Matrix: Solid

Analysis Batch: 50361

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 50411

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.09893		mg/Kg		99	70 - 130
Toluene	0.100	0.1044		mg/Kg		104	70 - 130
Ethylbenzene	0.100	0.09744		mg/Kg		97	70 - 130
m-Xylene & p-Xylene	0.200	0.1890		mg/Kg		94	70 - 130
o-Xylene	0.100	0.09910		mg/Kg		99	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	100		70 - 130
1,4-Difluorobenzene (Surr)	98		70 - 130

Lab Sample ID: LCSD 880-50411/2-A

Matrix: Solid

Analysis Batch: 50361

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 50411

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.09720		mg/Kg		97	70 - 130	2	35
Toluene	0.100	0.1020		mg/Kg		102	70 - 130	2	35
Ethylbenzene	0.100	0.09837		mg/Kg		98	70 - 130	1	35
m-Xylene & p-Xylene	0.200	0.1912		mg/Kg		96	70 - 130	1	35
o-Xylene	0.100	0.1009		mg/Kg		101	70 - 130	2	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	100		70 - 130
1,4-Difluorobenzene (Surr)	110		70 - 130

Lab Sample ID: 880-26777-1 MS

Matrix: Solid

Analysis Batch: 50361

Client Sample ID: FL-2 @ 1'

Prep Type: Total/NA

Prep Batch: 50411

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00198	U	0.0998	0.08340		mg/Kg		84	70 - 130
Toluene	<0.00198	U	0.0998	0.08413		mg/Kg		84	70 - 130
Ethylbenzene	<0.00198	U	0.0998	0.07708		mg/Kg		77	70 - 130
m-Xylene & p-Xylene	<0.00396	U	0.200	0.1473		mg/Kg		74	70 - 130
o-Xylene	<0.00198	U	0.0998	0.07771		mg/Kg		78	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	104		70 - 130
1,4-Difluorobenzene (Surr)	104		70 - 130

Lab Sample ID: 880-26777-1 MSD

Matrix: Solid

Analysis Batch: 50361

Client Sample ID: FL-2 @ 1'

Prep Type: Total/NA

Prep Batch: 50411

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00198	U	0.100	0.09122		mg/Kg		91	70 - 130	9	35
Toluene	<0.00198	U	0.100	0.08864		mg/Kg		88	70 - 130	5	35
Ethylbenzene	<0.00198	U	0.100	0.08257		mg/Kg		82	70 - 130	7	35

Eurofins Midland

QC Sample Results

Client: TRC Solutions, Inc.
Project/Site: SRO 5 State 506/507

Job ID: 880-26777-1
SDG: Loving, NM

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: 880-26777-1 MSD

Matrix: Solid

Analysis Batch: 50361

Client Sample ID: FL-2 @ 1'

Prep Type: Total/NA

Prep Batch: 50411

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
m-Xylene & p-Xylene	<0.00396	U	0.201	0.1575		mg/Kg		78	70 - 130	7	35
o-Xylene	<0.00198	U	0.100	0.08227		mg/Kg		82	70 - 130	6	35

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	108		70 - 130
1,4-Difluorobenzene (Surr)	111		70 - 130

Lab Sample ID: MB 880-50412/5-A

Matrix: Solid

Analysis Batch: 50387

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 50412

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		04/05/23 13:33	04/06/23 01:09	1
Toluene	<0.00200	U	0.00200	mg/Kg		04/05/23 13:33	04/06/23 01:09	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		04/05/23 13:33	04/06/23 01:09	1
m-Xylene & p-Xylene	<0.00400	U	0.00400	mg/Kg		04/05/23 13:33	04/06/23 01:09	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		04/05/23 13:33	04/06/23 01:09	1
Xylenes, Total	<0.00400	U	0.00400	mg/Kg		04/05/23 13:33	04/06/23 01:09	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	93		70 - 130	04/05/23 13:33	04/06/23 01:09	1
1,4-Difluorobenzene (Surr)	99		70 - 130	04/05/23 13:33	04/06/23 01:09	1

Lab Sample ID: LCS 880-50412/1-A

Matrix: Solid

Analysis Batch: 50387

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 50412

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.09677		mg/Kg		97	70 - 130
Toluene	0.100	0.09513		mg/Kg		95	70 - 130
Ethylbenzene	0.100	0.08843		mg/Kg		88	70 - 130
m-Xylene & p-Xylene	0.200	0.1740		mg/Kg		87	70 - 130
o-Xylene	0.100	0.08936		mg/Kg		89	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	100		70 - 130
1,4-Difluorobenzene (Surr)	109		70 - 130

Lab Sample ID: LCSD 880-50412/2-A

Matrix: Solid

Analysis Batch: 50387

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 50412

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.1007		mg/Kg		101	70 - 130	4	35
Toluene	0.100	0.09918		mg/Kg		99	70 - 130	4	35
Ethylbenzene	0.100	0.09227		mg/Kg		92	70 - 130	4	35
m-Xylene & p-Xylene	0.200	0.1800		mg/Kg		90	70 - 130	3	35
o-Xylene	0.100	0.09248		mg/Kg		92	70 - 130	3	35

Eurofins Midland

QC Sample Results

Client: TRC Solutions, Inc.
Project/Site: SRO 5 State 506/507

Job ID: 880-26777-1
SDG: Loving, NM

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	102		70 - 130
1,4-Difluorobenzene (Surr)	107		70 - 130

Lab Sample ID: 880-26777-22 MS

Matrix: Solid

Analysis Batch: 50387

Client Sample ID: FL-10 @ 7'

Prep Type: Total/NA

Prep Batch: 50412

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00198	U	0.0998	0.07326		mg/Kg		73	70 - 130
Toluene	<0.00198	U	0.0998	0.07046		mg/Kg		70	70 - 130
Ethylbenzene	<0.00198	U F1	0.0998	0.06520	F1	mg/Kg		65	70 - 130
m-Xylene & p-Xylene	<0.00396	U F1	0.200	0.1268	F1	mg/Kg		64	70 - 130
o-Xylene	<0.00198	U F1	0.0998	0.06497	F1	mg/Kg		64	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	100		70 - 130
1,4-Difluorobenzene (Surr)	109		70 - 130

Lab Sample ID: 880-26777-22 MSD

Matrix: Solid

Analysis Batch: 50387

Client Sample ID: FL-10 @ 7'

Prep Type: Total/NA

Prep Batch: 50412

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	Limit
Benzene	<0.00198	U	0.100	0.08364		mg/Kg		83	70 - 130	13	35
Toluene	<0.00198	U	0.100	0.07989		mg/Kg		79	70 - 130	13	35
Ethylbenzene	<0.00198	U F1	0.100	0.07198		mg/Kg		71	70 - 130	10	35
m-Xylene & p-Xylene	<0.00396	U F1	0.200	0.1387	F1	mg/Kg		69	70 - 130	9	35
o-Xylene	<0.00198	U F1	0.100	0.06977	F1	mg/Kg		69	70 - 130	7	35

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	100		70 - 130
1,4-Difluorobenzene (Surr)	109		70 - 130

Lab Sample ID: MB 880-50512/8

Matrix: Water

Analysis Batch: 50512

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/L			04/06/23 14:21	1
Toluene	<0.00200	U	0.00200	mg/L			04/06/23 14:21	1
Ethylbenzene	<0.00200	U	0.00200	mg/L			04/06/23 14:21	1
m-Xylene & p-Xylene	<0.00400	U	0.00400	mg/L			04/06/23 14:21	1
o-Xylene	<0.00200	U	0.00200	mg/L			04/06/23 14:21	1
Xylenes, Total	<0.00400	U	0.00400	mg/L			04/06/23 14:21	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	92		70 - 130		04/06/23 14:21	1
1,4-Difluorobenzene (Surr)	99		70 - 130		04/06/23 14:21	1

Eurofins Midland

QC Sample Results

Client: TRC Solutions, Inc.
Project/Site: SRO 5 State 506/507

Job ID: 880-26777-1
SDG: Loving, NM

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: LCS 880-50512/3

Matrix: Water

Analysis Batch: 50512

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.1045		mg/L		104	70 - 130
Toluene	0.100	0.1015		mg/L		101	70 - 130
Ethylbenzene	0.100	0.09296		mg/L		93	70 - 130
m-Xylene & p-Xylene	0.200	0.1835		mg/L		92	70 - 130
o-Xylene	0.100	0.09215		mg/L		92	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	98		70 - 130
1,4-Difluorobenzene (Surr)	110		70 - 130

Lab Sample ID: LCSD 880-50512/4

Matrix: Water

Analysis Batch: 50512

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
Benzene	0.100	0.1130		mg/L		113	70 - 130	8	20
Toluene	0.100	0.1075		mg/L		108	70 - 130	6	20
Ethylbenzene	0.100	0.1000		mg/L		100	70 - 130	7	20
m-Xylene & p-Xylene	0.200	0.1975		mg/L		99	70 - 130	7	20
o-Xylene	0.100	0.09850		mg/L		98	70 - 130	7	20

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	100		70 - 130
1,4-Difluorobenzene (Surr)	111		70 - 130

Lab Sample ID: 880-26845-A-1 MS

Matrix: Water

Analysis Batch: 50512

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00200	U	0.100	0.1080		mg/L		108	70 - 130
Toluene	<0.00200	U	0.100	0.1054		mg/L		104	70 - 130
Ethylbenzene	<0.00200	U	0.100	0.09599		mg/L		96	70 - 130
m-Xylene & p-Xylene	<0.00400	U	0.200	0.1895		mg/L		94	70 - 130
o-Xylene	<0.00200	U	0.100	0.09536		mg/L		95	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	99		70 - 130
1,4-Difluorobenzene (Surr)	111		70 - 130

Lab Sample ID: 880-26845-A-1 MSD

Matrix: Water

Analysis Batch: 50512

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00200	U	0.100	0.1130		mg/L		113	70 - 130	5	25
Toluene	<0.00200	U	0.100	0.1105		mg/L		109	70 - 130	5	25
Ethylbenzene	<0.00200	U	0.100	0.09978		mg/L		100	70 - 130	4	25

Eurofins Midland

QC Sample Results

Client: TRC Solutions, Inc.
Project/Site: SRO 5 State 506/507

Job ID: 880-26777-1
SDG: Loving, NM

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: 880-26845-A-1 MSD

Matrix: Water

Analysis Batch: 50512

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
m-Xylene & p-Xylene	<0.00400	U	0.200	0.1975		mg/L		98	70 - 130	4	25
o-Xylene	<0.00200	U	0.100	0.09912		mg/L		99	70 - 130	4	25
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
4-Bromofluorobenzene (Surr)	104		70 - 130								
1,4-Difluorobenzene (Surr)	112		70 - 130								

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

Lab Sample ID: MB 880-50357/1-A

Matrix: Solid

Analysis Batch: 50348

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 50357

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0	mg/Kg		04/05/23 08:19	04/05/23 08:57	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		04/05/23 08:19	04/05/23 08:57	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		04/05/23 08:19	04/05/23 08:57	1
Surrogate	MB %Recovery	MB Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	118		70 - 130			04/05/23 08:19	04/05/23 08:57	1
o-Terphenyl	102		70 - 130			04/05/23 08:19	04/05/23 08:57	1

Lab Sample ID: LCS 880-50357/2-A

Matrix: Solid

Analysis Batch: 50348

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 50357

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10	1000	943.0		mg/Kg		94	70 - 130		
Diesel Range Organics (Over C10-C28)	1000	1069		mg/Kg		107	70 - 130		
Surrogate	LCS %Recovery	LCS Qualifier	Limits						
1-Chlorooctane	138	S1+	70 - 130						
o-Terphenyl	112		70 - 130						

Lab Sample ID: LCSD 880-50357/3-A

Matrix: Solid

Analysis Batch: 50348

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 50357

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	893.9		mg/Kg		89	70 - 130	5	20
Diesel Range Organics (Over C10-C28)	1000	910.4		mg/Kg		91	70 - 130	16	20

Eurofins Midland

QC Sample Results

Client: TRC Solutions, Inc.
Project/Site: SRO 5 State 506/507

Job ID: 880-26777-1
SDG: Loving, NM

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

Lab Sample ID: LCSD 880-50357/3-A

Matrix: Solid

Analysis Batch: 50348

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 50357

	LCSD	LCSD	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	97		70 - 130
o-Terphenyl	75		70 - 130

Lab Sample ID: 880-26777-1 MS

Matrix: Solid

Analysis Batch: 50348

Client Sample ID: FL-2 @ 1'

Prep Type: Total/NA

Prep Batch: 50357

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	998	1029		mg/Kg		99	70 - 130
Diesel Range Organics (Over C10-C28)	<49.9	U	998	877.1		mg/Kg		88	70 - 130
Surrogate	%Recovery	Qualifier	Limits	MS	MS				
1-Chlorooctane	105		70 - 130						
o-Terphenyl	78		70 - 130						

Lab Sample ID: 880-26777-1 MSD

Matrix: Solid

Analysis Batch: 50348

Client Sample ID: FL-2 @ 1'

Prep Type: Total/NA

Prep Batch: 50357

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	999	1046		mg/Kg		101	70 - 130	2	20
Diesel Range Organics (Over C10-C28)	<49.9	U	999	871.6		mg/Kg		87	70 - 130	1	20
Surrogate	%Recovery	Qualifier	Limits	MSD	MSD						
1-Chlorooctane	106		70 - 130								
o-Terphenyl	77		70 - 130								

Lab Sample ID: MB 880-50386/1-A

Matrix: Solid

Analysis Batch: 50350

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 50386

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0	mg/Kg		04/05/23 08:42	04/05/23 08:57	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		04/05/23 08:42	04/05/23 08:57	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		04/05/23 08:42	04/05/23 08:57	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	139	S1+	70 - 130			04/05/23 08:42	04/05/23 08:57	1
o-Terphenyl	168	S1+	70 - 130			04/05/23 08:42	04/05/23 08:57	1

Eurofins Midland

QC Sample Results

Client: TRC Solutions, Inc.
Project/Site: SRO 5 State 506/507

Job ID: 880-26777-1
SDG: Loving, NM

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

Lab Sample ID: LCS 880-50386/2-A

Matrix: Solid

Analysis Batch: 50350

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 50386

Analyte			Spike	LCS	LCS	Unit	D	%Rec	%Rec		
			Added	Result	Qualifier			Limits			
Gasoline Range Organics (GRO)-C6-C10			1000	1056		mg/Kg		106	70 - 130		
Diesel Range Organics (Over C10-C28)			1000	917.4		mg/Kg		92	70 - 130		
Surrogate	LCS	LCS	Limits								
	%Recovery	Qualifier									
1-Chlorooctane	109		70 - 130								
o-Terphenyl	124		70 - 130								

Lab Sample ID: LCSD 880-50386/3-A

Matrix: Solid

Analysis Batch: 50350

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 50386

Analyte			Spike	LCSD	LCSD	Unit	D	%Rec	%Rec	RPD	RPD
			Added	Result	Qualifier				Limits		Limit
Gasoline Range Organics (GRO)-C6-C10			1000	1118		mg/Kg		112	70 - 130	6	20
Diesel Range Organics (Over C10-C28)			1000	979.7		mg/Kg		98	70 - 130	7	20
Surrogate	LCSD	LCSD	Limits								
	%Recovery	Qualifier									
1-Chlorooctane	117		70 - 130								
o-Terphenyl	129		70 - 130								

Lab Sample ID: 880-26777-22 MS

Matrix: Solid

Analysis Batch: 50350

Client Sample ID: FL-10 @ 7'

Prep Type: Total/NA

Prep Batch: 50386

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec		
	Result	Qualifier	Added	Result	Qualifier			Limits	Limits		
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	998	1044		mg/Kg		103	70 - 130		
Diesel Range Organics (Over C10-C28)	<50.0	U F1	998	1195		mg/Kg		118	70 - 130		
Surrogate	MS	MS	Limits								
	%Recovery	Qualifier									
1-Chlorooctane	131	S1+	70 - 130								
o-Terphenyl	137	S1+	70 - 130								

Lab Sample ID: 880-26777-22 MSD

Matrix: Solid

Analysis Batch: 50350

Client Sample ID: FL-10 @ 7'

Prep Type: Total/NA

Prep Batch: 50386

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec	RPD	RPD
	Result	Qualifier	Added	Result	Qualifier				Limits		Limit
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	997	1197		mg/Kg		119	70 - 130	14	20
Diesel Range Organics (Over C10-C28)	<50.0	U F1	997	1352	F1	mg/Kg		134	70 - 130	12	20
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
1-Chlorooctane	152	S1+	70 - 130								

Eurofins Midland

QC Sample Results

Client: TRC Solutions, Inc.
Project/Site: SRO 5 State 506/507

Job ID: 880-26777-1
SDG: Loving, NM

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

Lab Sample ID: 880-26777-22 MSD

Matrix: Solid

Analysis Batch: 50350

Client Sample ID: FL-10 @ 7'

Prep Type: Total/NA

Prep Batch: 50386

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
<i>o</i> -Terphenyl	153	S1+	70 - 130

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-50334/1-A

Matrix: Solid

Analysis Batch: 50392

Client Sample ID: Method Blank

Prep Type: Soluble

Analyte	MB	MB	RL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier						
Chloride	<5.00	U	5.00	mg/Kg			04/05/23 11:03	1

Lab Sample ID: LCS 880-50334/2-A

Matrix: Solid

Analysis Batch: 50392

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike	LCS	LCS	Unit	D	%Rec	%Rec	
	Added	Result	Qualifier				Limits	
Chloride	250	246.4		mg/Kg		99	90 - 110	

Lab Sample ID: LCSD 880-50334/3-A

Matrix: Solid

Analysis Batch: 50392

Client Sample ID: Lab Control Sample Dup

Prep Type: Soluble

Analyte	Spike	LCSD	LCSD	Unit	D	%Rec	%Rec	RPD	RPD
	Added	Result	Qualifier				Limits	RPD	Limit
Chloride	250	247.3		mg/Kg		99	90 - 110	0	20

Lab Sample ID: 880-26777-1 MS

Matrix: Solid

Analysis Batch: 50392

Client Sample ID: FL-2 @ 1'

Prep Type: Soluble

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec	
	Result	Qualifier	Added	Result	Qualifier				Limits	
Chloride	141		249	412.2		mg/Kg		109	90 - 110	

Lab Sample ID: 880-26777-1 MSD

Matrix: Solid

Analysis Batch: 50392

Client Sample ID: FL-2 @ 1'

Prep Type: Soluble

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec	RPD	RPD
	Result	Qualifier	Added	Result	Qualifier				Limits	RPD	Limit
Chloride	141		249	414.4		mg/Kg		110	90 - 110	1	20

Lab Sample ID: 880-26777-11 MS

Matrix: Solid

Analysis Batch: 50392

Client Sample ID: OB-26

Prep Type: Soluble

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec	
	Result	Qualifier	Added	Result	Qualifier				Limits	
Chloride	309		252	566.2		mg/Kg		102	90 - 110	

Eurofins Midland

QC Sample Results

Client: TRC Solutions, Inc.
Project/Site: SRO 5 State 506/507

Job ID: 880-26777-1
SDG: Loving, NM

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: 880-26777-11 MSD

Matrix: Solid

Analysis Batch: 50392

Client Sample ID: OB-26

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	309		252	567.9		mg/Kg		103	90 - 110	0	20

Lab Sample ID: MB 880-50335/1-A

Matrix: Solid

Analysis Batch: 50393

Client Sample ID: Method Blank

Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00	mg/Kg			04/05/23 11:08	1

Lab Sample ID: LCS 880-50335/2-A

Matrix: Solid

Analysis Batch: 50393

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	238.6		mg/Kg		95	90 - 110

Lab Sample ID: LCSD 880-50335/3-A

Matrix: Solid

Analysis Batch: 50393

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	250	240.3		mg/Kg		96	90 - 110	1	20

Lab Sample ID: 880-26777-22 MS

Matrix: Solid

Analysis Batch: 50393

Client Sample ID: FL-10 @ 7'

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	402		251	646.0		mg/Kg		97	90 - 110

Lab Sample ID: 880-26777-22 MSD

Matrix: Solid

Analysis Batch: 50393

Client Sample ID: FL-10 @ 7'

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	402		251	645.0		mg/Kg		97	90 - 110	0	20

Lab Sample ID: 880-26777-32 MS

Matrix: Solid

Analysis Batch: 50393

Client Sample ID: SW-10

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	143		250	389.7		mg/Kg		99	90 - 110

Lab Sample ID: 880-26777-32 MSD

Matrix: Solid

Analysis Batch: 50393

Client Sample ID: SW-10

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	143		250	390.4		mg/Kg		99	90 - 110	0	20

Eurofins Midland

QC Association Summary

Client: TRC Solutions, Inc.
Project/Site: SRO 5 State 506/507

Job ID: 880-26777-1
SDG: Loving, NM

GC VOA

Prep Batch: 50193

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-50193/5-A	Method Blank	Total/NA	Solid	5035	

Analysis Batch: 50361

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-26777-1	FL-2 @ 1'	Total/NA	Solid	8021B	50411
880-26777-2	SW-5	Total/NA	Solid	8021B	50411
880-26777-3	SW-6	Total/NA	Solid	8021B	50411
880-26777-4	SW-7	Total/NA	Solid	8021B	50411
880-26777-5	SW-8	Total/NA	Solid	8021B	50411
880-26777-6	OB-21	Total/NA	Solid	8021B	50411
880-26777-7	OB-22	Total/NA	Solid	8021B	50411
880-26777-8	OB-23	Total/NA	Solid	8021B	50411
880-26777-9	OB-24	Total/NA	Solid	8021B	50411
880-26777-10	OB-25	Total/NA	Solid	8021B	50411
880-26777-11	OB-26	Total/NA	Solid	8021B	50411
880-26777-12	Dup-4	Total/NA	Solid	8021B	50411
880-26777-13	Dup-5	Total/NA	Solid	8021B	50411
880-26777-14	FL-3 @ 16'	Total/NA	Solid	8021B	50411
880-26777-15	FL-4 @ 13'	Total/NA	Solid	8021B	50411
880-26777-16	FL-5 @ 13'	Total/NA	Solid	8021B	50411
880-26777-17	FL-6 @ 13'	Total/NA	Solid	8021B	50411
880-26777-18	FL-7 @ 10'	Total/NA	Solid	8021B	50411
880-26777-19	FL-8 @ 10'	Total/NA	Solid	8021B	50411
880-26777-20	FL-9 @ 7'	Total/NA	Solid	8021B	50411
MB 880-50193/5-A	Method Blank	Total/NA	Solid	8021B	50193
MB 880-50411/5-A	Method Blank	Total/NA	Solid	8021B	50411
LCS 880-50411/1-A	Lab Control Sample	Total/NA	Solid	8021B	50411
LCSD 880-50411/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	50411
880-26777-1 MS	FL-2 @ 1'	Total/NA	Solid	8021B	50411
880-26777-1 MSD	FL-2 @ 1'	Total/NA	Solid	8021B	50411

Prep Batch: 50364

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-50364/5-A	Method Blank	Total/NA	Solid	5035	

Analysis Batch: 50387

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-26777-22	FL-10 @ 7'	Total/NA	Solid	8021B	50412
880-26777-23	FL-11 @ 7'	Total/NA	Solid	8021B	50412
880-26777-24	FL-12 @ 7'	Total/NA	Solid	8021B	50412
880-26777-25	FL-13 @ 7'	Total/NA	Solid	8021B	50412
880-26777-26	FL-14 @ 7'	Total/NA	Solid	8021B	50412
880-26777-27	FL-15 @ 7'	Total/NA	Solid	8021B	50412
880-26777-28	FL-16 @ 7'	Total/NA	Solid	8021B	50412
880-26777-29	FL-17 @ 7'	Total/NA	Solid	8021B	50412
880-26777-30	FL-18 @ 7'	Total/NA	Solid	8021B	50412
880-26777-31	SW-9	Total/NA	Solid	8021B	50412
880-26777-32	SW-10	Total/NA	Solid	8021B	50412
880-26777-33	SW-11	Total/NA	Solid	8021B	50412
880-26777-34	SW-12	Total/NA	Solid	8021B	50412
880-26777-35	SW-13	Total/NA	Solid	8021B	50412

Eurofins Midland

QC Association Summary

Client: TRC Solutions, Inc.
Project/Site: SRO 5 State 506/507

Job ID: 880-26777-1
SDG: Loving, NM

GC VOA (Continued)

Analysis Batch: 50387 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-26777-36	Dup-6	Total/NA	Solid	8021B	50412
880-26777-37	Dup-7	Total/NA	Solid	8021B	50412
880-26777-38	Dup-8	Total/NA	Solid	8021B	50412
MB 880-50364/5-A	Method Blank	Total/NA	Solid	8021B	50364
MB 880-50412/5-A	Method Blank	Total/NA	Solid	8021B	50412
LCS 880-50412/1-A	Lab Control Sample	Total/NA	Solid	8021B	50412
LCSD 880-50412/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	50412
880-26777-22 MS	FL-10 @ 7'	Total/NA	Solid	8021B	50412
880-26777-22 MSD	FL-10 @ 7'	Total/NA	Solid	8021B	50412

Prep Batch: 50411

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-26777-1	FL-2 @ 1'	Total/NA	Solid	5035	
880-26777-2	SW-5	Total/NA	Solid	5035	
880-26777-3	SW-6	Total/NA	Solid	5035	
880-26777-4	SW-7	Total/NA	Solid	5035	
880-26777-5	SW-8	Total/NA	Solid	5035	
880-26777-6	OB-21	Total/NA	Solid	5035	
880-26777-7	OB-22	Total/NA	Solid	5035	
880-26777-8	OB-23	Total/NA	Solid	5035	
880-26777-9	OB-24	Total/NA	Solid	5035	
880-26777-10	OB-25	Total/NA	Solid	5035	
880-26777-11	OB-26	Total/NA	Solid	5035	
880-26777-12	Dup-4	Total/NA	Solid	5035	
880-26777-13	Dup-5	Total/NA	Solid	5035	
880-26777-14	FL-3 @ 16'	Total/NA	Solid	5035	
880-26777-15	FL-4 @ 13'	Total/NA	Solid	5035	
880-26777-16	FL-5 @ 13'	Total/NA	Solid	5035	
880-26777-17	FL-6 @ 13'	Total/NA	Solid	5035	
880-26777-18	FL-7 @ 10'	Total/NA	Solid	5035	
880-26777-19	FL-8 @ 10'	Total/NA	Solid	5035	
880-26777-20	FL-9 @ 7'	Total/NA	Solid	5035	
MB 880-50411/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-50411/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-50411/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-26777-1 MS	FL-2 @ 1'	Total/NA	Solid	5035	
880-26777-1 MSD	FL-2 @ 1'	Total/NA	Solid	5035	

Prep Batch: 50412

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-26777-22	FL-10 @ 7'	Total/NA	Solid	5035	
880-26777-23	FL-11 @ 7'	Total/NA	Solid	5035	
880-26777-24	FL-12 @ 7'	Total/NA	Solid	5035	
880-26777-25	FL-13 @ 7'	Total/NA	Solid	5035	
880-26777-26	FL-14 @ 7'	Total/NA	Solid	5035	
880-26777-27	FL-15 @ 7'	Total/NA	Solid	5035	
880-26777-28	FL-16 @ 7'	Total/NA	Solid	5035	
880-26777-29	FL-17 @ 7'	Total/NA	Solid	5035	
880-26777-30	FL-18 @ 7'	Total/NA	Solid	5035	
880-26777-31	SW-9	Total/NA	Solid	5035	
880-26777-32	SW-10	Total/NA	Solid	5035	

Eurofins Midland

QC Association Summary

Client: TRC Solutions, Inc.
Project/Site: SRO 5 State 506/507

Job ID: 880-26777-1
SDG: Loving, NM

GC VOA (Continued)

Prep Batch: 50412 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-26777-33	SW-11	Total/NA	Solid	5035	
880-26777-34	SW-12	Total/NA	Solid	5035	
880-26777-35	SW-13	Total/NA	Solid	5035	
880-26777-36	Dup-6	Total/NA	Solid	5035	
880-26777-37	Dup-7	Total/NA	Solid	5035	
880-26777-38	Dup-8	Total/NA	Solid	5035	
MB 880-50412/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-50412/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-50412/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-26777-22 MS	FL-10 @ 7'	Total/NA	Solid	5035	
880-26777-22 MSD	FL-10 @ 7'	Total/NA	Solid	5035	

Analysis Batch: 50471

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-26777-1	FL-2 @ 1'	Total/NA	Solid	Total BTEX	
880-26777-2	SW-5	Total/NA	Solid	Total BTEX	
880-26777-3	SW-6	Total/NA	Solid	Total BTEX	
880-26777-4	SW-7	Total/NA	Solid	Total BTEX	
880-26777-5	SW-8	Total/NA	Solid	Total BTEX	
880-26777-6	OB-21	Total/NA	Solid	Total BTEX	
880-26777-7	OB-22	Total/NA	Solid	Total BTEX	
880-26777-8	OB-23	Total/NA	Solid	Total BTEX	
880-26777-9	OB-24	Total/NA	Solid	Total BTEX	
880-26777-10	OB-25	Total/NA	Solid	Total BTEX	
880-26777-11	OB-26	Total/NA	Solid	Total BTEX	
880-26777-12	Dup-4	Total/NA	Solid	Total BTEX	
880-26777-13	Dup-5	Total/NA	Solid	Total BTEX	
880-26777-14	FL-3 @ 16'	Total/NA	Solid	Total BTEX	
880-26777-15	FL-4 @ 13'	Total/NA	Solid	Total BTEX	
880-26777-16	FL-5 @ 13'	Total/NA	Solid	Total BTEX	
880-26777-17	FL-6 @ 13'	Total/NA	Solid	Total BTEX	
880-26777-18	FL-7 @ 10'	Total/NA	Solid	Total BTEX	
880-26777-19	FL-8 @ 10'	Total/NA	Solid	Total BTEX	
880-26777-20	FL-9 @ 7'	Total/NA	Solid	Total BTEX	
880-26777-21	TB-04042023	Total/NA	Water	Total BTEX	
880-26777-22	FL-10 @ 7'	Total/NA	Solid	Total BTEX	
880-26777-23	FL-11 @ 7'	Total/NA	Solid	Total BTEX	
880-26777-24	FL-12 @ 7'	Total/NA	Solid	Total BTEX	
880-26777-25	FL-13 @ 7'	Total/NA	Solid	Total BTEX	
880-26777-26	FL-14 @ 7'	Total/NA	Solid	Total BTEX	
880-26777-27	FL-15 @ 7'	Total/NA	Solid	Total BTEX	
880-26777-28	FL-16 @ 7'	Total/NA	Solid	Total BTEX	
880-26777-29	FL-17 @ 7'	Total/NA	Solid	Total BTEX	
880-26777-30	FL-18 @ 7'	Total/NA	Solid	Total BTEX	
880-26777-31	SW-9	Total/NA	Solid	Total BTEX	
880-26777-32	SW-10	Total/NA	Solid	Total BTEX	
880-26777-33	SW-11	Total/NA	Solid	Total BTEX	
880-26777-34	SW-12	Total/NA	Solid	Total BTEX	
880-26777-35	SW-13	Total/NA	Solid	Total BTEX	
880-26777-36	Dup-6	Total/NA	Solid	Total BTEX	
880-26777-37	Dup-7	Total/NA	Solid	Total BTEX	

Eurofins Midland

QC Association Summary

Client: TRC Solutions, Inc.
Project/Site: SRO 5 State 506/507

Job ID: 880-26777-1
SDG: Loving, NM

GC VOA (Continued)

Analysis Batch: 50471 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-26777-38	Dup-8	Total/NA	Solid	Total BTEX	

Analysis Batch: 50512

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-26777-21	TB-04042023	Total/NA	Water	8021B	
MB 880-50512/8	Method Blank	Total/NA	Water	8021B	
LCS 880-50512/3	Lab Control Sample	Total/NA	Water	8021B	
LCSD 880-50512/4	Lab Control Sample Dup	Total/NA	Water	8021B	
880-26845-A-1 MS	Matrix Spike	Total/NA	Water	8021B	
880-26845-A-1 MSD	Matrix Spike Duplicate	Total/NA	Water	8021B	

GC Semi VOA

Analysis Batch: 50348

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-26777-1	FL-2 @ 1'	Total/NA	Solid	8015B NM	50357
880-26777-2	SW-5	Total/NA	Solid	8015B NM	50357
880-26777-3	SW-6	Total/NA	Solid	8015B NM	50357
880-26777-4	SW-7	Total/NA	Solid	8015B NM	50357
880-26777-5	SW-8	Total/NA	Solid	8015B NM	50357
880-26777-6	OB-21	Total/NA	Solid	8015B NM	50357
880-26777-7	OB-22	Total/NA	Solid	8015B NM	50357
880-26777-8	OB-23	Total/NA	Solid	8015B NM	50357
880-26777-9	OB-24	Total/NA	Solid	8015B NM	50357
880-26777-10	OB-25	Total/NA	Solid	8015B NM	50357
880-26777-11	OB-26	Total/NA	Solid	8015B NM	50357
880-26777-12	Dup-4	Total/NA	Solid	8015B NM	50357
880-26777-13	Dup-5	Total/NA	Solid	8015B NM	50357
880-26777-14	FL-3 @ 16'	Total/NA	Solid	8015B NM	50357
880-26777-15	FL-4 @ 13'	Total/NA	Solid	8015B NM	50357
880-26777-16	FL-5 @ 13'	Total/NA	Solid	8015B NM	50357
880-26777-17	FL-6 @ 13'	Total/NA	Solid	8015B NM	50357
880-26777-18	FL-7 @ 10'	Total/NA	Solid	8015B NM	50357
880-26777-19	FL-8 @ 10'	Total/NA	Solid	8015B NM	50357
880-26777-20	FL-9 @ 7'	Total/NA	Solid	8015B NM	50357
MB 880-50357/1-A	Method Blank	Total/NA	Solid	8015B NM	50357
LCS 880-50357/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	50357
LCSD 880-50357/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	50357
880-26777-1 MS	FL-2 @ 1'	Total/NA	Solid	8015B NM	50357
880-26777-1 MSD	FL-2 @ 1'	Total/NA	Solid	8015B NM	50357

Analysis Batch: 50350

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-26777-22	FL-10 @ 7'	Total/NA	Solid	8015B NM	50386
880-26777-23	FL-11 @ 7'	Total/NA	Solid	8015B NM	50386
880-26777-24	FL-12 @ 7'	Total/NA	Solid	8015B NM	50386
880-26777-25	FL-13 @ 7'	Total/NA	Solid	8015B NM	50386
880-26777-26	FL-14 @ 7'	Total/NA	Solid	8015B NM	50386
880-26777-27	FL-15 @ 7'	Total/NA	Solid	8015B NM	50386
880-26777-28	FL-16 @ 7'	Total/NA	Solid	8015B NM	50386
880-26777-29	FL-17 @ 7'	Total/NA	Solid	8015B NM	50386

Eurofins Midland

QC Association Summary

Client: TRC Solutions, Inc.
Project/Site: SRO 5 State 506/507

Job ID: 880-26777-1
SDG: Loving, NM

GC Semi VOA (Continued)

Analysis Batch: 50350 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-26777-30	FL-18 @ 7'	Total/NA	Solid	8015B NM	50386
880-26777-31	SW-9	Total/NA	Solid	8015B NM	50386
880-26777-32	SW-10	Total/NA	Solid	8015B NM	50386
880-26777-33	SW-11	Total/NA	Solid	8015B NM	50386
880-26777-34	SW-12	Total/NA	Solid	8015B NM	50386
880-26777-35	SW-13	Total/NA	Solid	8015B NM	50386
880-26777-36	Dup-6	Total/NA	Solid	8015B NM	50386
880-26777-37	Dup-7	Total/NA	Solid	8015B NM	50386
880-26777-38	Dup-8	Total/NA	Solid	8015B NM	50386
MB 880-50386/1-A	Method Blank	Total/NA	Solid	8015B NM	50386
LCS 880-50386/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	50386
LCSD 880-50386/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	50386
880-26777-22 MS	FL-10 @ 7'	Total/NA	Solid	8015B NM	50386
880-26777-22 MSD	FL-10 @ 7'	Total/NA	Solid	8015B NM	50386

Prep Batch: 50357

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-26777-1	FL-2 @ 1'	Total/NA	Solid	8015NM Prep	
880-26777-2	SW-5	Total/NA	Solid	8015NM Prep	
880-26777-3	SW-6	Total/NA	Solid	8015NM Prep	
880-26777-4	SW-7	Total/NA	Solid	8015NM Prep	
880-26777-5	SW-8	Total/NA	Solid	8015NM Prep	
880-26777-6	OB-21	Total/NA	Solid	8015NM Prep	
880-26777-7	OB-22	Total/NA	Solid	8015NM Prep	
880-26777-8	OB-23	Total/NA	Solid	8015NM Prep	
880-26777-9	OB-24	Total/NA	Solid	8015NM Prep	
880-26777-10	OB-25	Total/NA	Solid	8015NM Prep	
880-26777-11	OB-26	Total/NA	Solid	8015NM Prep	
880-26777-12	Dup-4	Total/NA	Solid	8015NM Prep	
880-26777-13	Dup-5	Total/NA	Solid	8015NM Prep	
880-26777-14	FL-3 @ 16'	Total/NA	Solid	8015NM Prep	
880-26777-15	FL-4 @ 13'	Total/NA	Solid	8015NM Prep	
880-26777-16	FL-5 @ 13'	Total/NA	Solid	8015NM Prep	
880-26777-17	FL-6 @ 13'	Total/NA	Solid	8015NM Prep	
880-26777-18	FL-7 @ 10'	Total/NA	Solid	8015NM Prep	
880-26777-19	FL-8 @ 10'	Total/NA	Solid	8015NM Prep	
880-26777-20	FL-9 @ 7'	Total/NA	Solid	8015NM Prep	
MB 880-50357/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-50357/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-50357/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-26777-1 MS	FL-2 @ 1'	Total/NA	Solid	8015NM Prep	
880-26777-1 MSD	FL-2 @ 1'	Total/NA	Solid	8015NM Prep	

Prep Batch: 50386

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-26777-22	FL-10 @ 7'	Total/NA	Solid	8015NM Prep	
880-26777-23	FL-11 @ 7'	Total/NA	Solid	8015NM Prep	
880-26777-24	FL-12 @ 7'	Total/NA	Solid	8015NM Prep	
880-26777-25	FL-13 @ 7'	Total/NA	Solid	8015NM Prep	
880-26777-26	FL-14 @ 7'	Total/NA	Solid	8015NM Prep	
880-26777-27	FL-15 @ 7'	Total/NA	Solid	8015NM Prep	

Eurofins Midland

QC Association Summary

Client: TRC Solutions, Inc.
Project/Site: SRO 5 State 506/507

Job ID: 880-26777-1
SDG: Loving, NM

GC Semi VOA (Continued)

Prep Batch: 50386 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-26777-28	FL-16 @ 7'	Total/NA	Solid	8015NM Prep	
880-26777-29	FL-17 @ 7'	Total/NA	Solid	8015NM Prep	
880-26777-30	FL-18 @ 7'	Total/NA	Solid	8015NM Prep	
880-26777-31	SW-9	Total/NA	Solid	8015NM Prep	
880-26777-32	SW-10	Total/NA	Solid	8015NM Prep	
880-26777-33	SW-11	Total/NA	Solid	8015NM Prep	
880-26777-34	SW-12	Total/NA	Solid	8015NM Prep	
880-26777-35	SW-13	Total/NA	Solid	8015NM Prep	
880-26777-36	Dup-6	Total/NA	Solid	8015NM Prep	
880-26777-37	Dup-7	Total/NA	Solid	8015NM Prep	
880-26777-38	Dup-8	Total/NA	Solid	8015NM Prep	
MB 880-50386/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-50386/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-50386/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-26777-22 MS	FL-10 @ 7'	Total/NA	Solid	8015NM Prep	
880-26777-22 MSD	FL-10 @ 7'	Total/NA	Solid	8015NM Prep	

Analysis Batch: 50447

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-26777-1	FL-2 @ 1'	Total/NA	Solid	8015 NM	
880-26777-2	SW-5	Total/NA	Solid	8015 NM	
880-26777-3	SW-6	Total/NA	Solid	8015 NM	
880-26777-4	SW-7	Total/NA	Solid	8015 NM	
880-26777-5	SW-8	Total/NA	Solid	8015 NM	
880-26777-6	OB-21	Total/NA	Solid	8015 NM	
880-26777-7	OB-22	Total/NA	Solid	8015 NM	
880-26777-8	OB-23	Total/NA	Solid	8015 NM	
880-26777-9	OB-24	Total/NA	Solid	8015 NM	
880-26777-10	OB-25	Total/NA	Solid	8015 NM	
880-26777-11	OB-26	Total/NA	Solid	8015 NM	
880-26777-12	Dup-4	Total/NA	Solid	8015 NM	
880-26777-13	Dup-5	Total/NA	Solid	8015 NM	
880-26777-14	FL-3 @ 16'	Total/NA	Solid	8015 NM	
880-26777-15	FL-4 @ 13'	Total/NA	Solid	8015 NM	
880-26777-16	FL-5 @ 13'	Total/NA	Solid	8015 NM	
880-26777-17	FL-6 @ 13'	Total/NA	Solid	8015 NM	
880-26777-18	FL-7 @ 10'	Total/NA	Solid	8015 NM	
880-26777-19	FL-8 @ 10'	Total/NA	Solid	8015 NM	
880-26777-20	FL-9 @ 7'	Total/NA	Solid	8015 NM	
880-26777-22	FL-10 @ 7'	Total/NA	Solid	8015 NM	
880-26777-23	FL-11 @ 7'	Total/NA	Solid	8015 NM	
880-26777-24	FL-12 @ 7'	Total/NA	Solid	8015 NM	
880-26777-25	FL-13 @ 7'	Total/NA	Solid	8015 NM	
880-26777-26	FL-14 @ 7'	Total/NA	Solid	8015 NM	
880-26777-27	FL-15 @ 7'	Total/NA	Solid	8015 NM	
880-26777-28	FL-16 @ 7'	Total/NA	Solid	8015 NM	
880-26777-29	FL-17 @ 7'	Total/NA	Solid	8015 NM	
880-26777-30	FL-18 @ 7'	Total/NA	Solid	8015 NM	
880-26777-31	SW-9	Total/NA	Solid	8015 NM	
880-26777-32	SW-10	Total/NA	Solid	8015 NM	
880-26777-33	SW-11	Total/NA	Solid	8015 NM	

Eurofins Midland

QC Association Summary

Client: TRC Solutions, Inc.
Project/Site: SRO 5 State 506/507

Job ID: 880-26777-1
SDG: Loving, NM

GC Semi VOA (Continued)

Analysis Batch: 50447 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-26777-34	SW-12	Total/NA	Solid	8015 NM	
880-26777-35	SW-13	Total/NA	Solid	8015 NM	
880-26777-36	Dup-6	Total/NA	Solid	8015 NM	
880-26777-37	Dup-7	Total/NA	Solid	8015 NM	
880-26777-38	Dup-8	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 50334

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-26777-1	FL-2 @ 1'	Soluble	Solid	DI Leach	
880-26777-2	SW-5	Soluble	Solid	DI Leach	
880-26777-3	SW-6	Soluble	Solid	DI Leach	
880-26777-4	SW-7	Soluble	Solid	DI Leach	
880-26777-5	SW-8	Soluble	Solid	DI Leach	
880-26777-6	OB-21	Soluble	Solid	DI Leach	
880-26777-7	OB-22	Soluble	Solid	DI Leach	
880-26777-8	OB-23	Soluble	Solid	DI Leach	
880-26777-9	OB-24	Soluble	Solid	DI Leach	
880-26777-10	OB-25	Soluble	Solid	DI Leach	
880-26777-11	OB-26	Soluble	Solid	DI Leach	
880-26777-12	Dup-4	Soluble	Solid	DI Leach	
880-26777-13	Dup-5	Soluble	Solid	DI Leach	
880-26777-14	FL-3 @ 16'	Soluble	Solid	DI Leach	
880-26777-15	FL-4 @ 13'	Soluble	Solid	DI Leach	
880-26777-16	FL-5 @ 13'	Soluble	Solid	DI Leach	
880-26777-17	FL-6 @ 13'	Soluble	Solid	DI Leach	
880-26777-18	FL-7 @ 10'	Soluble	Solid	DI Leach	
880-26777-19	FL-8 @ 10'	Soluble	Solid	DI Leach	
880-26777-20	FL-9 @ 7'	Soluble	Solid	DI Leach	
MB 880-50334/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-50334/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-50334/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-26777-1 MS	FL-2 @ 1'	Soluble	Solid	DI Leach	
880-26777-1 MSD	FL-2 @ 1'	Soluble	Solid	DI Leach	
880-26777-11 MS	OB-26	Soluble	Solid	DI Leach	
880-26777-11 MSD	OB-26	Soluble	Solid	DI Leach	

Leach Batch: 50335

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-26777-22	FL-10 @ 7'	Soluble	Solid	DI Leach	
880-26777-23	FL-11 @ 7'	Soluble	Solid	DI Leach	
880-26777-24	FL-12 @ 7'	Soluble	Solid	DI Leach	
880-26777-25	FL-13 @ 7'	Soluble	Solid	DI Leach	
880-26777-26	FL-14 @ 7'	Soluble	Solid	DI Leach	
880-26777-27	FL-15 @ 7'	Soluble	Solid	DI Leach	
880-26777-28	FL-16 @ 7'	Soluble	Solid	DI Leach	
880-26777-29	FL-17 @ 7'	Soluble	Solid	DI Leach	
880-26777-30	FL-18 @ 7'	Soluble	Solid	DI Leach	
880-26777-31	SW-9	Soluble	Solid	DI Leach	
880-26777-32	SW-10	Soluble	Solid	DI Leach	

Eurofins Midland

QC Association Summary

Client: TRC Solutions, Inc.
Project/Site: SRO 5 State 506/507

Job ID: 880-26777-1
SDG: Loving, NM

HPLC/IC (Continued)

Leach Batch: 50335 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-26777-33	SW-11	Soluble	Solid	DI Leach	
880-26777-34	SW-12	Soluble	Solid	DI Leach	
880-26777-35	SW-13	Soluble	Solid	DI Leach	
880-26777-36	Dup-6	Soluble	Solid	DI Leach	
880-26777-37	Dup-7	Soluble	Solid	DI Leach	
880-26777-38	Dup-8	Soluble	Solid	DI Leach	
MB 880-50335/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-50335/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-50335/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-26777-22 MS	FL-10 @ 7'	Soluble	Solid	DI Leach	
880-26777-22 MSD	FL-10 @ 7'	Soluble	Solid	DI Leach	
880-26777-32 MS	SW-10	Soluble	Solid	DI Leach	
880-26777-32 MSD	SW-10	Soluble	Solid	DI Leach	

Analysis Batch: 50392

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-26777-1	FL-2 @ 1'	Soluble	Solid	300.0	50334
880-26777-2	SW-5	Soluble	Solid	300.0	50334
880-26777-3	SW-6	Soluble	Solid	300.0	50334
880-26777-4	SW-7	Soluble	Solid	300.0	50334
880-26777-5	SW-8	Soluble	Solid	300.0	50334
880-26777-6	OB-21	Soluble	Solid	300.0	50334
880-26777-7	OB-22	Soluble	Solid	300.0	50334
880-26777-8	OB-23	Soluble	Solid	300.0	50334
880-26777-9	OB-24	Soluble	Solid	300.0	50334
880-26777-10	OB-25	Soluble	Solid	300.0	50334
880-26777-11	OB-26	Soluble	Solid	300.0	50334
880-26777-12	Dup-4	Soluble	Solid	300.0	50334
880-26777-13	Dup-5	Soluble	Solid	300.0	50334
880-26777-14	FL-3 @ 16'	Soluble	Solid	300.0	50334
880-26777-15	FL-4 @ 13'	Soluble	Solid	300.0	50334
880-26777-16	FL-5 @ 13'	Soluble	Solid	300.0	50334
880-26777-17	FL-6 @ 13'	Soluble	Solid	300.0	50334
880-26777-18	FL-7 @ 10'	Soluble	Solid	300.0	50334
880-26777-19	FL-8 @ 10'	Soluble	Solid	300.0	50334
880-26777-20	FL-9 @ 7'	Soluble	Solid	300.0	50334
MB 880-50334/1-A	Method Blank	Soluble	Solid	300.0	50334
LCS 880-50334/2-A	Lab Control Sample	Soluble	Solid	300.0	50334
LCSD 880-50334/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	50334
880-26777-1 MS	FL-2 @ 1'	Soluble	Solid	300.0	50334
880-26777-1 MSD	FL-2 @ 1'	Soluble	Solid	300.0	50334
880-26777-11 MS	OB-26	Soluble	Solid	300.0	50334
880-26777-11 MSD	OB-26	Soluble	Solid	300.0	50334

Analysis Batch: 50393

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-26777-22	FL-10 @ 7'	Soluble	Solid	300.0	50335
880-26777-23	FL-11 @ 7'	Soluble	Solid	300.0	50335
880-26777-24	FL-12 @ 7'	Soluble	Solid	300.0	50335
880-26777-25	FL-13 @ 7'	Soluble	Solid	300.0	50335
880-26777-26	FL-14 @ 7'	Soluble	Solid	300.0	50335

Eurofins Midland

QC Association Summary

Client: TRC Solutions, Inc.
Project/Site: SRO 5 State 506/507

Job ID: 880-26777-1
SDG: Loving, NM

HPLC/IC (Continued)

Analysis Batch: 50393 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-26777-27	FL-15 @ 7'	Soluble	Solid	300.0	50335
880-26777-28	FL-16 @ 7'	Soluble	Solid	300.0	50335
880-26777-29	FL-17 @ 7'	Soluble	Solid	300.0	50335
880-26777-30	FL-18 @ 7'	Soluble	Solid	300.0	50335
880-26777-31	SW-9	Soluble	Solid	300.0	50335
880-26777-32	SW-10	Soluble	Solid	300.0	50335
880-26777-33	SW-11	Soluble	Solid	300.0	50335
880-26777-34	SW-12	Soluble	Solid	300.0	50335
880-26777-35	SW-13	Soluble	Solid	300.0	50335
880-26777-36	Dup-6	Soluble	Solid	300.0	50335
880-26777-37	Dup-7	Soluble	Solid	300.0	50335
880-26777-38	Dup-8	Soluble	Solid	300.0	50335
MB 880-50335/1-A	Method Blank	Soluble	Solid	300.0	50335
LCS 880-50335/2-A	Lab Control Sample	Soluble	Solid	300.0	50335
LCSD 880-50335/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	50335
880-26777-22 MS	FL-10 @ 7'	Soluble	Solid	300.0	50335
880-26777-22 MSD	FL-10 @ 7'	Soluble	Solid	300.0	50335
880-26777-32 MS	SW-10	Soluble	Solid	300.0	50335
880-26777-32 MSD	SW-10	Soluble	Solid	300.0	50335

Lab Chronicle

Client: TRC Solutions, Inc.
Project/Site: SRO 5 State 506/507

Job ID: 880-26777-1
SDG: Loving, NM

Client Sample ID: FL-2 @ 1'

Lab Sample ID: 880-26777-1

Date Collected: 04/03/23 10:40

Matrix: Solid

Date Received: 04/04/23 16:06

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 mL	50411	04/05/23 13:30	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	50361	04/06/23 02:27	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			50471	04/06/23 11:48	SM	EET MID
Total/NA	Analysis	8015 NM		1			50447	04/05/23 21:39	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	50357	04/05/23 08:19	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	50348	04/05/23 11:34	SM	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	50334	04/04/23 17:41	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	50392	04/05/23 11:18	SMC	EET MID

Client Sample ID: SW-5

Lab Sample ID: 880-26777-2

Date Collected: 04/03/23 10:00

Matrix: Solid

Date Received: 04/04/23 16:06

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	50411	04/05/23 13:30	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	50361	04/06/23 02:52	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			50471	04/06/23 11:48	SM	EET MID
Total/NA	Analysis	8015 NM		1			50447	04/05/23 21:39	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	50357	04/05/23 08:19	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	50348	04/05/23 12:39	SM	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	50334	04/04/23 17:41	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	50392	04/05/23 11:32	SMC	EET MID

Client Sample ID: SW-6

Lab Sample ID: 880-26777-3

Date Collected: 04/03/23 10:10

Matrix: Solid

Date Received: 04/04/23 16:06

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 mL	50411	04/05/23 13:30	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	50361	04/06/23 03:19	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			50471	04/06/23 11:48	SM	EET MID
Total/NA	Analysis	8015 NM		1			50447	04/05/23 21:39	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	50357	04/05/23 08:19	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	50348	04/05/23 13:01	SM	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	50334	04/04/23 17:41	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	50392	04/05/23 11:37	SMC	EET MID

Client Sample ID: SW-7

Lab Sample ID: 880-26777-4

Date Collected: 04/03/23 10:20

Matrix: Solid

Date Received: 04/04/23 16:06

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 mL	50411	04/05/23 13:30	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	50361	04/06/23 03:45	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			50471	04/06/23 11:48	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: TRC Solutions, Inc.
Project/Site: SRO 5 State 506/507

Job ID: 880-26777-1
SDG: Loving, NM

Client Sample ID: SW-7

Lab Sample ID: 880-26777-4

Date Collected: 04/03/23 10:20

Matrix: Solid

Date Received: 04/04/23 16:06

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			50447	04/05/23 21:39	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	50357	04/05/23 08:19	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	50348	04/05/23 13:23	SM	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	50334	04/04/23 17:41	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	50392	04/05/23 11:42	SMC	EET MID

Client Sample ID: SW-8

Lab Sample ID: 880-26777-5

Date Collected: 04/03/23 10:30

Matrix: Solid

Date Received: 04/04/23 16:06

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 mL	50411	04/05/23 13:30	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	50361	04/06/23 04:12	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			50471	04/06/23 11:48	SM	EET MID
Total/NA	Analysis	8015 NM		1			50447	04/05/23 21:39	SM	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	50357	04/05/23 08:19	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	50348	04/05/23 13:44	SM	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	50334	04/04/23 17:41	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	50392	04/05/23 11:47	SMC	EET MID

Client Sample ID: OB-21

Lab Sample ID: 880-26777-6

Date Collected: 04/03/23 11:00

Matrix: Solid

Date Received: 04/04/23 16:06

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 mL	50411	04/05/23 13:30	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	50361	04/06/23 04:38	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			50471	04/06/23 11:48	SM	EET MID
Total/NA	Analysis	8015 NM		1			50447	04/05/23 21:39	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	50357	04/05/23 08:19	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	50348	04/05/23 14:06	SM	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	50334	04/04/23 17:41	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	50392	04/05/23 12:01	SMC	EET MID

Client Sample ID: OB-22

Lab Sample ID: 880-26777-7

Date Collected: 04/03/23 11:10

Matrix: Solid

Date Received: 04/04/23 16:06

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 mL	50411	04/05/23 13:30	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	50361	04/06/23 05:05	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			50471	04/06/23 11:48	SM	EET MID
Total/NA	Analysis	8015 NM		1			50447	04/05/23 21:39	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	50357	04/05/23 08:19	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	50348	04/05/23 14:27	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: TRC Solutions, Inc.
Project/Site: SRO 5 State 506/507

Job ID: 880-26777-1
SDG: Loving, NM

Client Sample ID: OB-22**Lab Sample ID: 880-26777-7****Date Collected: 04/03/23 11:10****Matrix: Solid****Date Received: 04/04/23 16:06**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.04 g	50 mL	50334	04/04/23 17:41	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	50392	04/05/23 12:06	SMC	EET MID

Client Sample ID: OB-23**Lab Sample ID: 880-26777-8****Date Collected: 04/03/23 11:15****Matrix: Solid****Date Received: 04/04/23 16:06**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	50411	04/05/23 13:30	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	50361	04/06/23 05:31	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			50471	04/06/23 11:48	SM	EET MID
Total/NA	Analysis	8015 NM		1			50447	04/05/23 21:39	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	50357	04/05/23 08:19	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	50348	04/05/23 14:49	SM	EET MID
Soluble	Leach	DI Leach			5 g	50 mL	50334	04/04/23 17:41	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	50392	04/05/23 12:11	SMC	EET MID

Client Sample ID: OB-24**Lab Sample ID: 880-26777-9****Date Collected: 04/03/23 11:20****Matrix: Solid****Date Received: 04/04/23 16:06**

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 mL	50411	04/05/23 13:30	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	50361	04/06/23 05:58	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			50471	04/06/23 11:48	SM	EET MID
Total/NA	Analysis	8015 NM		1			50447	04/05/23 21:39	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	50357	04/05/23 08:19	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	50348	04/05/23 15:11	SM	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	50334	04/04/23 17:41	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	50392	04/05/23 12:16	SMC	EET MID

Client Sample ID: OB-25**Lab Sample ID: 880-26777-10****Date Collected: 04/03/23 11:25****Matrix: Solid****Date Received: 04/04/23 16:06**

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 mL	50411	04/05/23 13:30	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	50361	04/06/23 06:24	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			50471	04/06/23 11:48	SM	EET MID
Total/NA	Analysis	8015 NM		1			50447	04/05/23 21:39	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	50357	04/05/23 08:19	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	50348	04/05/23 15:32	SM	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	50334	04/04/23 17:41	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	50392	04/05/23 12:21	SMC	EET MID

Eurofins Midland

Lab Chronicle

Client: TRC Solutions, Inc.
Project/Site: SRO 5 State 506/507

Job ID: 880-26777-1
SDG: Loving, NM

Client Sample ID: OB-26

Lab Sample ID: 880-26777-11

Date Collected: 04/03/23 11:30

Matrix: Solid

Date Received: 04/04/23 16:06

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 mL	50411	04/05/23 13:30	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	50361	04/06/23 08:11	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			50471	04/06/23 11:48	SM	EET MID
Total/NA	Analysis	8015 NM		1			50447	04/05/23 21:39	SM	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	50357	04/05/23 08:19	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	50348	04/05/23 16:17	SM	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	50334	04/04/23 17:41	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	50392	04/05/23 12:26	SMC	EET MID

Client Sample ID: Dup-4

Lab Sample ID: 880-26777-12

Date Collected: 04/03/23 00:00

Matrix: Solid

Date Received: 04/04/23 16:06

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	50411	04/05/23 13:30	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	50361	04/06/23 08:38	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			50471	04/06/23 11:48	SM	EET MID
Total/NA	Analysis	8015 NM		1			50447	04/05/23 21:39	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	50357	04/05/23 08:19	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	50348	04/05/23 19:09	SM	EET MID
Soluble	Leach	DI Leach			5 g	50 mL	50334	04/04/23 17:41	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	50392	04/05/23 12:40	SMC	EET MID

Client Sample ID: Dup-5

Lab Sample ID: 880-26777-13

Date Collected: 04/03/23 00:00

Matrix: Solid

Date Received: 04/04/23 16:06

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 mL	50411	04/05/23 13:30	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	50361	04/06/23 09:04	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			50471	04/06/23 11:48	SM	EET MID
Total/NA	Analysis	8015 NM		1			50447	04/05/23 21:39	SM	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	50357	04/05/23 08:19	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	50348	04/05/23 16:39	SM	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	50334	04/04/23 17:41	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	50392	04/05/23 12:45	SMC	EET MID

Client Sample ID: FL-3 @ 16'

Lab Sample ID: 880-26777-14

Date Collected: 04/04/23 09:00

Matrix: Solid

Date Received: 04/04/23 16:06

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 mL	50411	04/05/23 13:30	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	50361	04/06/23 09:31	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			50471	04/06/23 11:48	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: TRC Solutions, Inc.
Project/Site: SRO 5 State 506/507

Job ID: 880-26777-1
SDG: Loving, NM

Client Sample ID: FL-3 @ 16'

Lab Sample ID: 880-26777-14

Date Collected: 04/04/23 09:00

Matrix: Solid

Date Received: 04/04/23 16:06

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			50447	04/05/23 21:39	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	50357	04/05/23 08:19	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	50348	04/05/23 17:01	SM	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	50334	04/04/23 17:41	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	50392	04/05/23 13:48	SMC	EET MID

Client Sample ID: FL-4 @ 13'

Lab Sample ID: 880-26777-15

Date Collected: 04/04/23 09:10

Matrix: Solid

Date Received: 04/04/23 16:06

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.04 g	5 mL	50411	04/05/23 13:30	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	50361	04/06/23 09:57	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			50471	04/06/23 11:48	SM	EET MID
Total/NA	Analysis	8015 NM		1			50447	04/05/23 21:39	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	50357	04/05/23 08:19	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	50348	04/05/23 17:23	SM	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	50334	04/04/23 17:41	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	50392	04/05/23 13:53	SMC	EET MID

Client Sample ID: FL-5 @ 13'

Lab Sample ID: 880-26777-16

Date Collected: 04/04/23 09:20

Matrix: Solid

Date Received: 04/04/23 16:06

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	50411	04/05/23 13:30	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	50361	04/06/23 10:24	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			50471	04/06/23 11:48	SM	EET MID
Total/NA	Analysis	8015 NM		1			50447	04/05/23 21:39	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	50357	04/05/23 08:19	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	50348	04/05/23 17:44	SM	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	50334	04/04/23 17:41	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	50392	04/05/23 13:57	SMC	EET MID

Client Sample ID: FL-6 @ 13'

Lab Sample ID: 880-26777-17

Date Collected: 04/04/23 09:30

Matrix: Solid

Date Received: 04/04/23 16:06

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 mL	50411	04/05/23 13:30	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	50361	04/06/23 10:51	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			50471	04/06/23 11:48	SM	EET MID
Total/NA	Analysis	8015 NM		1			50447	04/05/23 21:39	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	50357	04/05/23 08:19	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	50348	04/05/23 18:06	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: TRC Solutions, Inc.
Project/Site: SRO 5 State 506/507

Job ID: 880-26777-1
SDG: Loving, NM

Client Sample ID: FL-6 @ 13'

Date Collected: 04/04/23 09:30

Date Received: 04/04/23 16:06

Lab Sample ID: 880-26777-17

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			4.99 g	50 mL	50334	04/04/23 17:41	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	50392	04/05/23 14:02	SMC	EET MID

Client Sample ID: FL-7 @ 10'

Date Collected: 04/04/23 09:40

Date Received: 04/04/23 16:06

Lab Sample ID: 880-26777-18

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	50411	04/05/23 13:30	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	50361	04/06/23 11:17	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			50471	04/06/23 11:48	SM	EET MID
Total/NA	Analysis	8015 NM		1			50447	04/05/23 21:39	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	50357	04/05/23 08:19	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	50348	04/05/23 18:27	SM	EET MID
Soluble	Leach	DI Leach			5 g	50 mL	50334	04/04/23 17:41	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	50392	04/05/23 14:07	SMC	EET MID

Client Sample ID: FL-8 @ 10'

Date Collected: 04/04/23 09:50

Date Received: 04/04/23 16:06

Lab Sample ID: 880-26777-19

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	50411	04/05/23 13:30	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	50361	04/06/23 11:43	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			50471	04/06/23 13:06	SM	EET MID
Total/NA	Analysis	8015 NM		1			50447	04/05/23 21:39	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	50357	04/05/23 08:19	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	50348	04/05/23 18:48	SM	EET MID
Soluble	Leach	DI Leach			5 g	50 mL	50334	04/04/23 17:41	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	50392	04/05/23 14:12	SMC	EET MID

Client Sample ID: FL-9 @ 7'

Date Collected: 04/04/23 10:00

Date Received: 04/04/23 16:06

Lab Sample ID: 880-26777-20

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	50411	04/05/23 13:30	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	50361	04/06/23 12:10	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			50471	04/06/23 13:06	SM	EET MID
Total/NA	Analysis	8015 NM		1			50447	04/05/23 21:39	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	50357	04/05/23 08:19	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	50348	04/05/23 19:31	SM	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	50334	04/04/23 17:41	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	50392	04/05/23 14:17	SMC	EET MID

Eurofins Midland

Lab Chronicle

Client: TRC Solutions, Inc.
Project/Site: SRO 5 State 506/507

Job ID: 880-26777-1
SDG: Loving, NM

Client Sample ID: TB-04042023

Lab Sample ID: 880-26777-21

Date Collected: 04/04/23 00:00

Matrix: Water

Date Received: 04/04/23 16:06

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8021B		1	5 mL	5 mL	50512	04/06/23 14:49	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			50471	04/06/23 16:10	SM	EET MID

Client Sample ID: FL-10 @ 7'

Lab Sample ID: 880-26777-22

Date Collected: 04/04/23 10:10

Matrix: Solid

Date Received: 04/04/23 16:06

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 mL	50412	04/05/23 13:33	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	50387	04/06/23 01:38	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			50471	04/06/23 09:28	SM	EET MID
Total/NA	Analysis	8015 NM		1			50447	04/05/23 21:43	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	50386	04/05/23 09:42	AM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	50350	04/05/23 11:34	SM	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	50335	04/04/23 17:45	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	50393	04/05/23 11:22	SMC	EET MID

Client Sample ID: FL-11 @ 7'

Lab Sample ID: 880-26777-23

Date Collected: 04/04/23 10:20

Matrix: Solid

Date Received: 04/04/23 16:06

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	50412	04/05/23 13:33	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	50387	04/06/23 01:58	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			50471	04/06/23 09:28	SM	EET MID
Total/NA	Analysis	8015 NM		1			50447	04/05/23 21:43	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	50386	04/05/23 09:42	AM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	50350	04/05/23 12:39	SM	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	50335	04/04/23 17:45	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	50393	04/05/23 11:35	SMC	EET MID

Client Sample ID: FL-12 @ 7'

Lab Sample ID: 880-26777-24

Date Collected: 04/04/23 10:30

Matrix: Solid

Date Received: 04/04/23 16:06

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 mL	50412	04/05/23 13:33	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	50387	04/06/23 02:18	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			50471	04/06/23 09:28	SM	EET MID
Total/NA	Analysis	8015 NM		1			50447	04/05/23 21:43	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	50386	04/05/23 09:42	AM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	50350	04/05/23 13:01	SM	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	50335	04/04/23 17:45	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	50393	04/05/23 11:40	SMC	EET MID

Eurofins Midland

Lab Chronicle

Client: TRC Solutions, Inc.
Project/Site: SRO 5 State 506/507

Job ID: 880-26777-1
SDG: Loving, NM

Client Sample ID: FL-13 @ 7'

Lab Sample ID: 880-26777-25

Date Collected: 04/04/23 10:40

Matrix: Solid

Date Received: 04/04/23 16:06

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 mL	50412	04/05/23 13:33	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	50387	04/06/23 02:39	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			50471	04/06/23 09:28	SM	EET MID
Total/NA	Analysis	8015 NM		1			50447	04/05/23 21:43	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	50386	04/05/23 09:42	AM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	50350	04/05/23 13:23	SM	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	50335	04/04/23 17:45	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	50393	04/05/23 11:44	SMC	EET MID

Client Sample ID: FL-14 @ 7'

Lab Sample ID: 880-26777-26

Date Collected: 04/04/23 10:50

Matrix: Solid

Date Received: 04/04/23 16:06

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 mL	50412	04/05/23 13:33	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	50387	04/06/23 02:59	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			50471	04/06/23 09:28	SM	EET MID
Total/NA	Analysis	8015 NM		1			50447	04/05/23 21:43	SM	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	50386	04/05/23 09:42	AM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	50350	04/05/23 13:44	SM	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	50335	04/04/23 17:45	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	50393	04/05/23 11:49	SMC	EET MID

Client Sample ID: FL-15 @ 7'

Lab Sample ID: 880-26777-27

Date Collected: 04/04/23 10:55

Matrix: Solid

Date Received: 04/04/23 16:06

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	50412	04/05/23 13:33	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	50387	04/06/23 03:20	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			50471	04/06/23 09:28	SM	EET MID
Total/NA	Analysis	8015 NM		1			50447	04/05/23 21:43	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	50386	04/05/23 09:42	AM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	50350	04/05/23 14:06	SM	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	50335	04/04/23 17:45	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	50393	04/05/23 12:03	SMC	EET MID

Client Sample ID: FL-16 @ 7'

Lab Sample ID: 880-26777-28

Date Collected: 04/04/23 11:00

Matrix: Solid

Date Received: 04/04/23 16:06

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 mL	50412	04/05/23 13:33	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	50387	04/06/23 03:40	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			50471	04/06/23 09:28	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: TRC Solutions, Inc.
Project/Site: SRO 5 State 506/507

Job ID: 880-26777-1
SDG: Loving, NM

Client Sample ID: FL-16 @ 7'

Lab Sample ID: 880-26777-28

Date Collected: 04/04/23 11:00

Matrix: Solid

Date Received: 04/04/23 16:06

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			50447	04/05/23 21:43	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	50386	04/05/23 09:42	AM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	50350	04/05/23 14:27	SM	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	50335	04/04/23 17:45	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	50393	04/05/23 12:07	SMC	EET MID

Client Sample ID: FL-17 @ 7'

Lab Sample ID: 880-26777-29

Date Collected: 04/04/23 11:05

Matrix: Solid

Date Received: 04/04/23 16:06

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 mL	50412	04/05/23 13:33	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	50387	04/06/23 04:00	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			50471	04/06/23 09:28	SM	EET MID
Total/NA	Analysis	8015 NM		1			50447	04/05/23 21:43	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	50386	04/05/23 09:42	AM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	50350	04/05/23 14:49	SM	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	50335	04/04/23 17:45	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	50393	04/05/23 12:12	SMC	EET MID

Client Sample ID: FL-18 @ 7'

Lab Sample ID: 880-26777-30

Date Collected: 04/04/23 11:10

Matrix: Solid

Date Received: 04/04/23 16:06

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 mL	50412	04/05/23 13:33	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	50387	04/06/23 04:21	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			50471	04/06/23 09:28	SM	EET MID
Total/NA	Analysis	8015 NM		1			50447	04/05/23 21:43	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	50386	04/05/23 09:42	AM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	50350	04/05/23 15:11	SM	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	50335	04/04/23 17:45	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	50393	04/05/23 12:16	SMC	EET MID

Client Sample ID: SW-9

Lab Sample ID: 880-26777-31

Date Collected: 04/04/23 11:15

Matrix: Solid

Date Received: 04/04/23 16:06

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 mL	50412	04/05/23 13:33	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	50387	04/06/23 04:41	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			50471	04/06/23 09:28	SM	EET MID
Total/NA	Analysis	8015 NM		1			50447	04/05/23 21:43	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	50386	04/05/23 09:42	AM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	50350	04/05/23 15:32	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: TRC Solutions, Inc.
Project/Site: SRO 5 State 506/507

Job ID: 880-26777-1
SDG: Loving, NM

Client Sample ID: SW-9

Lab Sample ID: 880-26777-31

Date Collected: 04/04/23 11:15

Matrix: Solid

Date Received: 04/04/23 16:06

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			4.96 g	50 mL	50335	04/04/23 17:45	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	50393	04/05/23 12:21	SMC	EET MID

Client Sample ID: SW-10

Lab Sample ID: 880-26777-32

Date Collected: 04/04/23 11:20

Matrix: Solid

Date Received: 04/04/23 16:06

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 mL	50412	04/05/23 13:33	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	50387	04/06/23 06:31	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			50471	04/06/23 09:28	SM	EET MID
Total/NA	Analysis	8015 NM		1			50447	04/05/23 21:43	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	50386	04/05/23 09:42	AM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	50350	04/05/23 16:17	SM	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	50335	04/04/23 17:45	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	50393	04/05/23 12:26	SMC	EET MID

Client Sample ID: SW-11

Lab Sample ID: 880-26777-33

Date Collected: 04/04/23 11:25

Matrix: Solid

Date Received: 04/04/23 16:06

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	50412	04/05/23 13:33	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	50387	04/06/23 06:51	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			50471	04/06/23 09:28	SM	EET MID
Total/NA	Analysis	8015 NM		1			50447	04/05/23 21:43	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	50386	04/05/23 09:42	AM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	50350	04/05/23 16:39	SM	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	50335	04/04/23 17:45	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	50393	04/05/23 12:39	SMC	EET MID

Client Sample ID: SW-12

Lab Sample ID: 880-26777-34

Date Collected: 04/04/23 11:30

Matrix: Solid

Date Received: 04/04/23 16:06

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 mL	50412	04/05/23 13:33	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	50387	04/06/23 07:12	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			50471	04/06/23 09:28	SM	EET MID
Total/NA	Analysis	8015 NM		1			50447	04/05/23 21:43	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	50386	04/05/23 09:42	AM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	50350	04/05/23 17:01	SM	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	50335	04/04/23 17:45	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	50393	04/05/23 12:44	SMC	EET MID

Eurofins Midland

Lab Chronicle

Client: TRC Solutions, Inc.
Project/Site: SRO 5 State 506/507

Job ID: 880-26777-1
SDG: Loving, NM

Client Sample ID: SW-13

Lab Sample ID: 880-26777-35

Date Collected: 04/04/23 11:35

Matrix: Solid

Date Received: 04/04/23 16:06

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.96 g	5 mL	50412	04/05/23 13:33	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	50387	04/06/23 07:32	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			50471	04/06/23 09:28	SM	EET MID
Total/NA	Analysis	8015 NM		1			50447	04/05/23 21:43	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	50386	04/05/23 09:42	AM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	50350	04/05/23 17:23	SM	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	50335	04/04/23 17:45	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	50393	04/05/23 12:57	SMC	EET MID

Client Sample ID: Dup-6

Lab Sample ID: 880-26777-36

Date Collected: 04/04/23 00:00

Matrix: Solid

Date Received: 04/04/23 16:06

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 mL	50412	04/05/23 13:33	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	50387	04/06/23 07:53	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			50471	04/06/23 09:28	SM	EET MID
Total/NA	Analysis	8015 NM		1			50447	04/05/23 21:43	SM	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	50386	04/05/23 09:42	AM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	50350	04/05/23 17:44	SM	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	50335	04/04/23 17:45	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	50393	04/05/23 13:02	SMC	EET MID

Client Sample ID: Dup-7

Lab Sample ID: 880-26777-37

Date Collected: 04/04/23 00:00

Matrix: Solid

Date Received: 04/04/23 16:06

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 mL	50412	04/05/23 13:33	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	50387	04/06/23 08:13	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			50471	04/06/23 09:28	SM	EET MID
Total/NA	Analysis	8015 NM		1			50447	04/05/23 21:43	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	50386	04/05/23 09:42	AM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	50350	04/05/23 18:06	SM	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	50335	04/04/23 17:45	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	50393	04/05/23 13:07	SMC	EET MID

Client Sample ID: Dup-8

Lab Sample ID: 880-26777-38

Date Collected: 04/04/23 00:00

Matrix: Solid

Date Received: 04/04/23 16:06

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	50412	04/05/23 13:33	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	50387	04/06/23 08:34	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			50471	04/06/23 09:28	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: TRC Solutions, Inc.
Project/Site: SRO 5 State 506/507

Job ID: 880-26777-1
SDG: Loving, NM

Client Sample ID: Dup-8
Date Collected: 04/04/23 00:00
Date Received: 04/04/23 16:06

Lab Sample ID: 880-26777-38
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	8015 NM		1			50447	04/05/23 21:43	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	50386	04/05/23 09:42	AM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	50350	04/05/23 18:27	SM	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	50335	04/04/23 17:45	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	50393	04/05/23 13:11	SMC	EET MID

Laboratory References:
EET MID = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

Accreditation/Certification Summary

Client: TRC Solutions, Inc.
Project/Site: SRO 5 State 506/507

Job ID: 880-26777-1
SDG: Loving, NM

Laboratory: Eurofins Midland

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

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704400-22-25	06-30-23
The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.			
Analysis Method	Prep Method	Matrix	Analyte
8015 NM		Solid	Total TPH
Total BTEX		Solid	Total BTEX
Total BTEX		Water	Total BTEX

Method Summary

Client: TRC Solutions, Inc.
Project/Site: SRO 5 State 506/507

Job ID: 880-26777-1
SDG: Loving, NM

Method	Method Description	Protocol	Laboratory
8021B	Volatile Organic Compounds (GC)	SW846	EET MID
Total BTEX	Total BTEX Calculation	TAL SOP	EET MID
8015 NM	Diesel Range Organics (DRO) (GC)	SW846	EET MID
8015B NM	Diesel Range Organics (DRO) (GC)	SW846	EET MID
300.0	Anions, Ion Chromatography	EPA	EET MID
5030B	Purge and Trap	SW846	EET MID
5035	Closed System Purge and Trap	SW846	EET MID
8015NM Prep	Microextraction	SW846	EET MID
DI Leach	Deionized Water Leaching Procedure	ASTM	EET MID

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.
- TAL SOP = TestAmerica Laboratories, Standard Operating Procedure

Laboratory References:

- EET MID = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

Sample Summary

Client: TRC Solutions, Inc.
Project/Site: SRO 5 State 506/507

Job ID: 880-26777-1
SDG: Loving, NM

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Depth
880-26777-1	FL-2 @ 1'	Solid	04/03/23 10:40	04/04/23 16:06	1'
880-26777-2	SW-5	Solid	04/03/23 10:00	04/04/23 16:06	
880-26777-3	SW-6	Solid	04/03/23 10:10	04/04/23 16:06	
880-26777-4	SW-7	Solid	04/03/23 10:20	04/04/23 16:06	
880-26777-5	SW-8	Solid	04/03/23 10:30	04/04/23 16:06	
880-26777-6	OB-21	Solid	04/03/23 11:00	04/04/23 16:06	
880-26777-7	OB-22	Solid	04/03/23 11:10	04/04/23 16:06	
880-26777-8	OB-23	Solid	04/03/23 11:15	04/04/23 16:06	
880-26777-9	OB-24	Solid	04/03/23 11:20	04/04/23 16:06	
880-26777-10	OB-25	Solid	04/03/23 11:25	04/04/23 16:06	
880-26777-11	OB-26	Solid	04/03/23 11:30	04/04/23 16:06	
880-26777-12	Dup-4	Solid	04/03/23 00:00	04/04/23 16:06	
880-26777-13	Dup-5	Solid	04/03/23 00:00	04/04/23 16:06	
880-26777-14	FL-3 @ 16'	Solid	04/04/23 09:00	04/04/23 16:06	16'
880-26777-15	FL-4 @ 13'	Solid	04/04/23 09:10	04/04/23 16:06	13'
880-26777-16	FL-5 @ 13'	Solid	04/04/23 09:20	04/04/23 16:06	13'
880-26777-17	FL-6 @ 13'	Solid	04/04/23 09:30	04/04/23 16:06	13'
880-26777-18	FL-7 @ 10'	Solid	04/04/23 09:40	04/04/23 16:06	10'
880-26777-19	FL-8 @ 10'	Solid	04/04/23 09:50	04/04/23 16:06	10'
880-26777-20	FL-9 @ 7'	Solid	04/04/23 10:00	04/04/23 16:06	7'
880-26777-21	TB-04042023	Water	04/04/23 00:00	04/04/23 16:06	
880-26777-22	FL-10 @ 7'	Solid	04/04/23 10:10	04/04/23 16:06	7'
880-26777-23	FL-11 @ 7'	Solid	04/04/23 10:20	04/04/23 16:06	7'
880-26777-24	FL-12 @ 7'	Solid	04/04/23 10:30	04/04/23 16:06	7'
880-26777-25	FL-13 @ 7'	Solid	04/04/23 10:40	04/04/23 16:06	7'
880-26777-26	FL-14 @ 7'	Solid	04/04/23 10:50	04/04/23 16:06	7'
880-26777-27	FL-15 @ 7'	Solid	04/04/23 10:55	04/04/23 16:06	7'
880-26777-28	FL-16 @ 7'	Solid	04/04/23 11:00	04/04/23 16:06	7'
880-26777-29	FL-17 @ 7'	Solid	04/04/23 11:05	04/04/23 16:06	7'
880-26777-30	FL-18 @ 7'	Solid	04/04/23 11:10	04/04/23 16:06	7'
880-26777-31	SW-9	Solid	04/04/23 11:15	04/04/23 16:06	
880-26777-32	SW-10	Solid	04/04/23 11:20	04/04/23 16:06	
880-26777-33	SW-11	Solid	04/04/23 11:25	04/04/23 16:06	
880-26777-34	SW-12	Solid	04/04/23 11:30	04/04/23 16:06	
880-26777-35	SW-13	Solid	04/04/23 11:35	04/04/23 16:06	
880-26777-36	Dup-6	Solid	04/04/23 00:00	04/04/23 16:06	
880-26777-37	Dup-7	Solid	04/04/23 00:00	04/04/23 16:06	
880-26777-38	Dup-8	Solid	04/04/23 00:00	04/04/23 16:06	



Environment Testing
Xenco

Chain of Custody

Houston, TX (281) 240-4200, Dallas, TX (214) 902-0300
Midland, TX (432) 704-5440, San Antonio, TX (210) 509-3334
El Paso TX (915) 585-3443 Lubbock, TX (806) 794-1296
Hobbs, NM (575) 392-7550, Carlsbad, NM (575) 988-3199

Work Order No: 20177

www.xenco.com Page 1 of 4

Project Manager	Jared Staffell	Bill to: (if different)	
Company Name	TRC	Company Name	
Address	10 Dester Dr. Ste 130E	Address	
City/State/Zip	Midland, TX 79705	City/State/Zip	
Phone	932	Email	Jared.Mist@Xenco.com

Work Order Comments	
Program:	UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐
State of Project:	NM
Reporting Level:	Level II ☐ Level III ☐ PST/UST ☐ TRRP ☐ Level IV ☐
Deliverables	EDD ☐ ADAPT ☐ Other ☐

Project Name	SR05 Skt Sk6/K07	Turn Around		ANALYSIS REQUEST		Preservative Codes
Project Number	450169	☐ Routine ☒ Rush	24H	Pres. Code		None NO DI Water H ₂ O
Project Location	Leving NM	Due Date				Cool Cool MeOH Me
Sampler's Name	Misti Bergant	TAT starts the day received by the lab, if received by 4:30pm				HCL HC HNO ₃ HN
PO #						H ₂ SO ₄ H ₂ NaOH Na
SAMPLE RECEIPT	Temp Blank: Yes ☒ No ☐	Wet Ice: Yes ☒ No ☐				H ₃ PO ₄ HP
Samples Received Intact:	Yes ☒ No ☐	Thermometer ID	18-8	NaHSO ₄ NABIS		
Cooler Custody Seals:	Yes ☒ No ☐	Correction Factor	-0.3	Na ₂ S ₂ O ₃ NaSO ₃		
Sample Custody Seals:	Yes ☒ No ☐	Temperature Reading	5.4	Zn Acetate+NaOH Zn		
Total Containers:		Corrected Temperature:	5.1	NaOH+Ascorbic Acid SAPC		

Sample Identification	Matrix	Date Sampled	Time Sampled	Depth	Grab/Comp	# of Cont	Parameters
FL-2 @ 1'	SS	4/3/23	1040	1'	C	1	TPH 8015M
SW-5			1008				BTEX 8021B
SW-6			1010				Chloride
SW-7			1020				
SW-8			1030				
OB-21			1100				
OB-22			1110				
OB-23			1115				
OB-24			1120				
OB-25			1125				



880-26777 Chain of Custody

Total 2007 / 6010	2008 / 6020:	8RCRA 13PPM	Texas 11	Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO ₂ Na Sr Ti Sn U V Zn
Circle Method(s) and Metal(s) to be analyzed		TCLP/SPLP 6010	8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Ti U	Hg 1631 / 2451 / 7470 / 7471

Notice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Eurofins Xenco, its affiliates and subcontractors. It assigns standard terms and conditions of service. Eurofins Xenco will be liable only for the cost of samples and shall not assume any responsibility for any losses or damages incurred by the client if such losses are due to circumstances beyond the control of Eurofins Xenco. A minimum charge of \$85.00 will be applied to each project and a charge of \$5 for each sample submitted to Eurofins Xenco but not analyzed. These terms will be enforced unless previously negotiated.

Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
Misti Bergant		4/4/23 11:30AM			
		4/4/23 11:01D			



Environment Testing
Xenco

Houston, TX (281) 240-4200, Dallas, TX (214) 902-0300
Midland, TX (432) 704-5440 San Antonio, TX (210) 509-3334
El Paso, TX (915) 585-3443, Lubbock, TX (806) 794-1296
Hobbs, NM (575) 392-7550, Carlsbad, NM (575) 988-3199

Chain of Custody

Work Order No: 2011

www.xenco.com Page 4 of 4

Project Manager	Jared Stoeffel	Bill to: (if different)	
Company Name	IEC	Company Name	
Address	10 Desk Dr Ste 130E	Address	
City, State ZIP	Mt Pleasant, TX 79705	City, State ZIP	
Phone	432-238-3003	Email	Jared.M.St., IEC.Texas@iec.com

Work Order Comments				
Program:	UST/PST ☐	PRP ☐	Brownfields ☐	RRC ☐ Superfund ☐
State of Project:	NM			
Reporting Level II	☐	Level III	☐	PST/UST ☐ TRRP ☐ Level IV ☐
Deliverables	EDD ☐	Adapt ☐	Other: _____	

ANALYSIS REQUEST										Preservative Codes	
Project Name	Project Number	Turn Around	Pres. Code							None, NO	D+Water-H ₂ O
Project Location	Due Date	☐ Routine ☒ Rush								Cool Cool	MeOH Me
Sample's Name:	TAT starts the day received by the lab, if received by 4:30pm									HCL, HC	HNO ₃ HN
PO #										H ₂ SO ₄ H ₂	NaOH Na
SAMPLE RECEIPT											
Samples Received Intact:	Temp Blank:	Yes ☒ No ☐	Yes ☒ No ☐								
Cooler Custody Seals:	Thermometer ID:	Yes ☒ No ☐	1R-8								
Sample Custody Seals:	Correction Factor:	Yes ☒ No ☐	-0.3								
Total Containers:	Temperature Reading:	Yes ☒ No ☐	54								
	Corrected Temperature:		51								
Sample Identification			Parameters								
Matrix	Date Sampled	Time Sampled	Depth	Grab/Comp	# of Cont						
DB-26	SS	4/3/23	1130	C	1	X	X	X			
Dup-4						X	X	X			
Dup-5						X	X	X			
FL-3 @ 16'		4/4/23	6900	16'	C	X	X	X			
FL-4 @ 13'			0940	13'		X	X	X			
FL-5 @ 13'			0920	13'		X	X	X			
FL-6 @ 13'			0930	13'		X	X	X			
FL-7 @ 10'			0940	10'		X	X	X			
FL-8 @ 10'			0950	10'		X	X	X			
FL-9 @ 7'			1000	7'		X	X	X			
Sample Comments						PH 8015M BTEX 80213 Chloride					

Total 2007 / 6010	200.8 / 6020.	8RCRA	13PPM	Texas	11	Al	Sb	As	Ba	Be	B	Cd	Ca	Cr	Co	Cu	Fe	Pb	Mg	Mn	Mo	Ni	K	Se	Ag	SiO ₂	Na	Sr	Ti	Sn	U	V	Zn
Circle Method(s) and Metal(s) to be analyzed		TCLP / SPLP	6010	8RCRA	5b	As	Ba	Be	Cd	Cr	Co	Cu	Pb	Mn	Mo	Ni	Se	Ag	Ti	U					Hg	1631 / 245	1 / 7470	1 / 7471					

Relinquished by (Signature)	Received by (Signature)	Date/Time	Relinquished by (Signature)	Received by (Signature)	Date/Time
1 <i>M. Bryant</i>		4/4/23 11:30 AM	2		
3		4/4/23 16:10	4		
5			6		

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



Environment Testing
Xenco

Chain of Custody

Houston, TX (281) 240-4200, Dallas TX (214) 902-0300
Midland TX (432) 704-5440 San Antonio, TX (210) 509-3334
El Paso, TX (915) 585-3443 Lubbock, TX (806) 794-1296
Hobbs, NM (575) 392-7550, Carlsbad NM (575) 988-3199

Work Order No: 207771

www.xenco.com Page 3 of 4

Project Manager:	Jared Stiffel	Bill to: (if different)	
Company Name:	Tex	Company Name:	
Address:	10 Deste Dr. Ste 1306	Address:	
City, State ZIP:	Midland TX 79705	City, State ZIP:	
Phone:	432-235-3003	Email:	Jared@TexXenco.com

Program: ☐ UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐	
State of Project: NM	
Reporting Level II ☐ Level III ☐ PST/UST ☐ TRRP ☐ Level IV ☐	Deliverables EDD ☐ ADAPT ☐ Other

Project Name:	SR05 State 506/507	Turn Around:	
Project Number:	470169	☐ Routine ☒ Rush	Pres Code
Project Location:	Lowry, NM	Due Date:	
Sample's Name:	Matt Bryant	TAT starts the day received by the lab, if received by 4:30pm	
PO #			
SAMPLE RECEIPT	Temp Blank: Yes ☐ No ☒	Wet Ice: Yes ☐ No ☒	Parameters
Samples Received Intact:	Yes ☒ No ☐	Thermometer ID:	
Cooler Custody Seals:	Yes ☐ No ☒	Correction Factor:	-0.3
Sample Custody Seals:	Yes ☐ No ☒	Temperature Reading:	5.4
Total Containers:		Corrected Temperature:	5.1

Sample Identification	Matrix	Date Sampled	Time Sampled	Depth	Grab/Comp	# of Cont	ANALYSIS REQUEST	Preservative Codes	Sample Comments
TL-04042023	W	4/4/23				2	BTEX 40213		
FL-10 07	SS		1010	7'	C	1	TPH 8015M		
FL-11 07			1020				Chloride		
FL-12 07			1030						
FL-13 07			1040						
FL-14 07			1050						
FL-15 07			1055						
FL-16 07			1100						
FL-17 07			1105						
FL-18 07			1110						

Total 200.7 / 6010 200.8 / 6020: 8RCRA 13PPM Texas 11 Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO₂ Na Sr Ti Sn U V Zn
Circle Method(s) and Metal(s) to be analyzed TCLP/SPLP 6010 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Ti U Hg 1631 / 2451 / 7470 / 7471

Note: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Eurofins Xenco, its affiliates and subcontractors. It assigns standard terms and conditions of service. Eurofins Xenco will be liable only for the cost of samples and shall not assume any responsibility for any losses or expenses incurred by the client if such losses are due to circumstances beyond the control of Eurofins Xenco. A minimum charge of \$85.00 will be applied to each project and a charge of \$5 for each sample submitted to Eurofins Xenco, but not analyzed. These terms will be enforced unless previously negotiated.

Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
Matt Bryant		4/4/23 11:30am			
		4/4/23			
		11:10			



Excel 2003

Houston, TX (281) 240-4200, Dallas, TX (214) 902-0300
Midland, TX (432) 704-5440 San Antonio, TX (210) 509-3333
El Paso, TX (915) 585-3443 Lubbock, TX (806) 794-1296
Hobbs, NM (575) 392-7550 Carlsbad, NM (575) 988-3199

Chain of Custody

Work Order No: 20777

www.xenco.com Page 7 of 7

Project Manager:	David Stiefel		Bill to: (if different)	
Company Name:	TRC		Company Name:	
Address:	10 Degrass Dr. Ste 1306		Address:	
City, State ZIP:	Madison, TX 79705	City, State ZIP:		
Phone:	432-234-3003	Email:	David, mitch, Ike Taurer	

Work Order Comments				
Program	UST/PST ☐	PRP ☐	Brownfields ☐	RRC ☐ Superfund ☐
State of Project	NM			
Reporting	Level II ☐	Level III ☐	PST/UST ☐	TRRP ☐ Level IV ☐
Deliverables	EDD ☐	Adapt ☐	Other-	

ANALYSIS REQUEST										Preservative Codes	
Project Name:	Project Number:	Project Location	Sampler's Name:	P.O. #	Turn Around	Pres. Code	None	NO	DI Water	H ₂ O	
500 S Street	450169	Loring, NM	Matt Bryant		1/26/03						
					☐ Routine	☒ Rush					
					Due Date						
					TAT starts the day received by the lab, if received by 4:30pm						
SAMPLE RECEIPT		Temp Blank:	Yes (No)	Wet Ice:	Yes (No)						
Samples Received Intact:		Yes (No)	Thermometer ID:								
Cooler Custody Seals:		Yes (No)	Correction Factor:								
Sample Custody Seals:		Yes (No)	Temperature Reading								
Total Containers:			Corrected Temperature:								
					Parameters						
Sample Identification					Matrix	Date Sampled	Time Sampled	Depth	Grab/Comp	# of Cont	
SW-9	SS	4/14/23	1115	—	C	1	X	X	X		
SW-10			1120	—							
SW-11			1125	—							
SW-12			1130	—							
SW-13			1135	—							
Dup-6				—							
Dup-7				—							
Dup-8				—							
Loc: 880 26777											

Total 2007 / 6010	200.8 / 6020:	8RCRA	13PPM	Texas	11	Al	Sb	As	Ba	Be	B	Cd	Ca	Cr	Co	Cu	Fe	Pb	Mg	Mn	Mo	Ni	K	Se	Ag	SiO ₂	Na	Sr	Ti	Sn	U	V	Zn
Circle Method(s) and Metal(s) to be analyzed		TC1P	/SPUP	6010	8RCRA	5b	As	Ba	Be	Cd	Cr	Co	Cu	Pb	Mn	Mo	Ni	Se	Ag	Ti	U				Hg	1631	/245	1	/7470	/7471			

Notices: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Eurofins Xenco, its affiliates and sub-contractors. It assigns standard terms and conditions of service. Eurofins Xenco will be liable only for the cost of samples and shall not assume any responsibility for any losses or expense incurred by the client if such losses are due to circumstances beyond the control of Eurofins Xenco. A minimum charge of \$85.00 will be applied to each project and a charge of \$5 for each sample submitted to Eurofins Xenco, but not analyzed. These terms will be enforced unless previously negotiated.

Relinquished by (Signature)	Received by (Signature)	Date/Time	Relinquished by (Signature)	Received by (Signature)	Date/Time
Mats Bryant		4/23 11:30AM			
		4/11/23			
		11/9/10			

Login Sample Receipt Checklist

Client: TRC Solutions, Inc.

Job Number: 880-26777-1

SDG Number: Loving, NM

Login Number: 26777

List Number: 1

Creator: Rodriguez, Leticia

List Source: Eurofins Midland

Question	Answer	Comment
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	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	



Environment Testing

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

ANALYTICAL REPORT

PREPARED FOR

Attn: Jared Stoffel
TRC Solutions, Inc.
10 Desta Drive
Suite #130E
Midland, Texas 79705

Generated 4/12/2023 9:49:30 AM

JOB DESCRIPTION

SRO 5 State 506/507
SDG NUMBER Loving, NM

JOB NUMBER

880-26903-1

Eurofins Midland
1211 W. Florida Ave
Midland TX 79701

Eurofins Midland

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.

Analytical test results meet all requirements of the associated regulatory program (i.e., NELAC (TNI), DoD, and ISO 17025) unless otherwise noted under the individual analysis.

Authorization



Generated
4/12/2023 9:49:30 AM

Authorized for release by
Jessica Kramer, Project Manager
Jessica.Kramer@et.eurofinsus.com
(432)704-5440

Client: TRC Solutions, Inc.
Project/Site: SRO 5 State 506/507

Laboratory Job ID: 880-26903-1
SDG: Loving, NM

Table of Contents

Cover Page	1
Table of Contents	3
Definitions/Glossary	4
Case Narrative	5
Client Sample Results	6
Surrogate Summary	21
QC Sample Results	23
QC Association Summary	31
Lab Chronicle	36
Certification Summary	42
Method Summary	43
Sample Summary	44
Chain of Custody	45
Receipt Checklists	47

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

Definitions/Glossary

Client: TRC Solutions, Inc.
Project/Site: SRO 5 State 506/507

Job ID: 880-26903-1
SDG: Loving, NM

Qualifiers

GC VOA

Qualifier	Qualifier Description
F2	MS/MSD RPD exceeds control limits
U	Indicates the analyte was analyzed for but not detected.

GC Semi VOA

Qualifier	Qualifier Description
S1+	Surrogate recovery exceeds control limits, high biased.
U	Indicates the analyte was analyzed for but not detected.

HPLC/IC

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

Glossary

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

Case Narrative

Client: TRC Solutions, Inc.
Project/Site: SRO 5 State 506/507

Job ID: 880-26903-1
SDG: Loving, NM

Job ID: 880-26903-1

Laboratory: Eurofins Midland

Narrative	Job Narrative 880-26903-1

Receipt

The samples were received on 4/6/2023 4:05 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 3.8°C

Receipt Exceptions

The following samples were received and analyzed from an unpreserved bulk soil jar: SW-12 (880-26903-1), SW-13 (880-26903-2), FL-19 @ 6' (880-26903-3), FL-20 @ 6' (880-26903-4), FL-21 @ 6' (880-26903-5), OB-27 (880-26903-6), OB-28 (880-26903-7), OB-29 (880-26903-8), OB-30 (880-26903-9), OB-31 (880-26903-10), OB-32 (880-26903-11), OB-33 (880-26903-12), OB-34 (880-26903-13), OB-35 (880-26903-14), OB-36 (880-26903-15), OB-37 (880-26903-16), OB-38 (880-26903-17), OB-39 (880-26903-18), TB-04062023 (880-26903-19) and TB-04062023 (880-26903-20).

GC VOA

Method 8021B: The matrix spike / matrix spike duplicate (MS/MSD) precision for preparation batch 880-50519 and analytical batch 880-50556 was outside control limits. Sample non-homogeneity is suspected.

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

GC Semi VOA

Method 8015MOD_NM: The surrogate recovery for the blank associated with preparation batch 880-50555 and analytical batch 880-50570 was outside the upper control limits.

Method 8015MOD_NM: Surrogate recovery for the following sample was outside control limits: (LCS 880-50555/2-A). Evidence of matrix interferences is not obvious.

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

HPLC/IC

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

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: SRO 5 State 506/507

Job ID: 880-26903-1
SDG: Loving, NM

Client Sample ID: SW-12

Lab Sample ID: 880-26903-1

Date Collected: 04/05/23 13:25

Matrix: Solid

Date Received: 04/06/23 16:05

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198	mg/Kg		04/07/23 08:11	04/07/23 13:24	1
Toluene	<0.00198	U	0.00198	mg/Kg		04/07/23 08:11	04/07/23 13:24	1
Ethylbenzene	<0.00198	U F2	0.00198	mg/Kg		04/07/23 08:11	04/07/23 13:24	1
m-Xylene & p-Xylene	<0.00396	U F2	0.00396	mg/Kg		04/07/23 08:11	04/07/23 13:24	1
o-Xylene	<0.00198	U	0.00198	mg/Kg		04/07/23 08:11	04/07/23 13:24	1
Xylenes, Total	<0.00396	U	0.00396	mg/Kg		04/07/23 08:11	04/07/23 13:24	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	89		70 - 130	04/07/23 08:11	04/07/23 13:24	1
1,4-Difluorobenzene (Surr)	102		70 - 130	04/07/23 08:11	04/07/23 13:24	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396	mg/Kg			04/08/23 09:20	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9	mg/Kg			04/08/23 12:05	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9	mg/Kg		04/06/23 17:46	04/07/23 10:49	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9	mg/Kg		04/06/23 17:46	04/07/23 10:49	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg		04/06/23 17:46	04/07/23 10:49	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	122		70 - 130	04/06/23 17:46	04/07/23 10:49	1
o-Terphenyl	106		70 - 130	04/06/23 17:46	04/07/23 10:49	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	669		24.9	mg/Kg			04/06/23 19:00	5

Client Sample ID: SW-13

Lab Sample ID: 880-26903-2

Date Collected: 04/05/23 13:30

Matrix: Solid

Date Received: 04/06/23 16:05

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199	mg/Kg		04/07/23 08:11	04/07/23 13:44	1
Toluene	<0.00199	U	0.00199	mg/Kg		04/07/23 08:11	04/07/23 13:44	1
Ethylbenzene	<0.00199	U	0.00199	mg/Kg		04/07/23 08:11	04/07/23 13:44	1
m-Xylene & p-Xylene	<0.00398	U	0.00398	mg/Kg		04/07/23 08:11	04/07/23 13:44	1
o-Xylene	<0.00199	U	0.00199	mg/Kg		04/07/23 08:11	04/07/23 13:44	1
Xylenes, Total	<0.00398	U	0.00398	mg/Kg		04/07/23 08:11	04/07/23 13:44	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	120		70 - 130	04/07/23 08:11	04/07/23 13:44	1
1,4-Difluorobenzene (Surr)	102		70 - 130	04/07/23 08:11	04/07/23 13:44	1

Eurofins Midland

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: SRO 5 State 506/507

Job ID: 880-26903-1
SDG: Loving, NM

Client Sample ID: SW-13

Lab Sample ID: 880-26903-2

Date Collected: 04/05/23 13:30

Matrix: Solid

Date Received: 04/06/23 16:05

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398	mg/Kg			04/08/23 09:20	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0	mg/Kg			04/08/23 12:05	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0	mg/Kg		04/06/23 17:46	04/07/23 11:54	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		04/06/23 17:46	04/07/23 11:54	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		04/06/23 17:46	04/07/23 11:54	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	99		70 - 130			04/06/23 17:46	04/07/23 11:54	1
o-Terphenyl	83		70 - 130			04/06/23 17:46	04/07/23 11:54	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	295		24.8	mg/Kg			04/06/23 19:14	5

Client Sample ID: FL-19 @ 6'

Lab Sample ID: 880-26903-3

Date Collected: 04/05/23 13:35

Matrix: Solid

Date Received: 04/06/23 16:05

Sample Depth: 6'

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		04/07/23 08:11	04/07/23 14:05	1
Toluene	<0.00200	U	0.00200	mg/Kg		04/07/23 08:11	04/07/23 14:05	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		04/07/23 08:11	04/07/23 14:05	1
m-Xylene & p-Xylene	<0.00399	U	0.00399	mg/Kg		04/07/23 08:11	04/07/23 14:05	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		04/07/23 08:11	04/07/23 14:05	1
Xylenes, Total	<0.00399	U	0.00399	mg/Kg		04/07/23 08:11	04/07/23 14:05	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	96		70 - 130			04/07/23 08:11	04/07/23 14:05	1
1,4-Difluorobenzene (Surr)	97		70 - 130			04/07/23 08:11	04/07/23 14:05	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399	mg/Kg			04/08/23 09:20	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0	mg/Kg			04/08/23 12:05	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0	mg/Kg		04/06/23 17:46	04/07/23 12:37	1

Eurofins Midland

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: SRO 5 State 506/507

Job ID: 880-26903-1
SDG: Loving, NM

Client Sample ID: FL-19 @ 6'

Lab Sample ID: 880-26903-3

Date Collected: 04/05/23 13:35

Matrix: Solid

Date Received: 04/06/23 16:05

Sample Depth: 6'

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		04/06/23 17:46	04/07/23 12:37	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		04/06/23 17:46	04/07/23 12:37	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	113		70 - 130			04/06/23 17:46	04/07/23 12:37	1
o-Terphenyl	92		70 - 130			04/06/23 17:46	04/07/23 12:37	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1640		49.8	mg/Kg			04/06/23 19:19	10

Client Sample ID: FL-20 @ 6'

Lab Sample ID: 880-26903-4

Date Collected: 04/05/23 13:40

Matrix: Solid

Date Received: 04/06/23 16:05

Sample Depth: 6'

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		04/07/23 08:11	04/07/23 14:26	1
Toluene	<0.00200	U	0.00200	mg/Kg		04/07/23 08:11	04/07/23 14:26	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		04/07/23 08:11	04/07/23 14:26	1
m-Xylene & p-Xylene	<0.00401	U	0.00401	mg/Kg		04/07/23 08:11	04/07/23 14:26	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		04/07/23 08:11	04/07/23 14:26	1
Xylenes, Total	<0.00401	U	0.00401	mg/Kg		04/07/23 08:11	04/07/23 14:26	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	100		70 - 130			04/07/23 08:11	04/07/23 14:26	1
1,4-Difluorobenzene (Surr)	98		70 - 130			04/07/23 08:11	04/07/23 14:26	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401	mg/Kg			04/08/23 09:20	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8	mg/Kg			04/08/23 12:05	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8	mg/Kg		04/06/23 17:46	04/07/23 12:59	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8	mg/Kg		04/06/23 17:46	04/07/23 12:59	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8	mg/Kg		04/06/23 17:46	04/07/23 12:59	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	112		70 - 130			04/06/23 17:46	04/07/23 12:59	1
o-Terphenyl	93		70 - 130			04/06/23 17:46	04/07/23 12:59	1

Eurofins Midland

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: SRO 5 State 506/507

Job ID: 880-26903-1
SDG: Loving, NM

Client Sample ID: FL-20 @ 6'

Lab Sample ID: 880-26903-4

Date Collected: 04/05/23 13:40

Matrix: Solid

Date Received: 04/06/23 16:05

Sample Depth: 6'

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	701		50.4	mg/Kg			04/06/23 19:24	10

Client Sample ID: FL-21 @ 6'

Lab Sample ID: 880-26903-5

Date Collected: 04/05/23 13:45

Matrix: Solid

Date Received: 04/06/23 16:05

Sample Depth: 6'

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202	mg/Kg		04/07/23 08:11	04/07/23 14:46	1
Toluene	<0.00202	U	0.00202	mg/Kg		04/07/23 08:11	04/07/23 14:46	1
Ethylbenzene	<0.00202	U	0.00202	mg/Kg		04/07/23 08:11	04/07/23 14:46	1
m-Xylene & p-Xylene	<0.00404	U	0.00404	mg/Kg		04/07/23 08:11	04/07/23 14:46	1
o-Xylene	<0.00202	U	0.00202	mg/Kg		04/07/23 08:11	04/07/23 14:46	1
Xylenes, Total	<0.00404	U	0.00404	mg/Kg		04/07/23 08:11	04/07/23 14:46	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		70 - 130			04/07/23 08:11	04/07/23 14:46	1
1,4-Difluorobenzene (Surr)	101		70 - 130			04/07/23 08:11	04/07/23 14:46	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404	mg/Kg			04/08/23 09:20	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9	mg/Kg			04/08/23 12:05	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9	mg/Kg		04/06/23 17:46	04/07/23 13:21	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9	mg/Kg		04/06/23 17:46	04/07/23 13:21	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg		04/06/23 17:46	04/07/23 13:21	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	112		70 - 130			04/06/23 17:46	04/07/23 13:21	1
o-Terphenyl	95		70 - 130			04/06/23 17:46	04/07/23 13:21	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1420		50.2	mg/Kg			04/06/23 19:29	10

Client Sample ID: OB-27

Lab Sample ID: 880-26903-6

Date Collected: 04/06/23 08:00

Matrix: Solid

Date Received: 04/06/23 16:05

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199	mg/Kg		04/07/23 08:11	04/07/23 15:06	1

Eurofins Midland

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: SRO 5 State 506/507

Job ID: 880-26903-1
SDG: Loving, NM

Client Sample ID: OB-27

Lab Sample ID: 880-26903-6

Date Collected: 04/06/23 08:00

Matrix: Solid

Date Received: 04/06/23 16:05

Method: SW846 8021B - Volatile Organic Compounds (GC) (Continued)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Toluene	<0.00199	U	0.00199	mg/Kg		04/07/23 08:11	04/07/23 15:06	1
Ethylbenzene	<0.00199	U	0.00199	mg/Kg		04/07/23 08:11	04/07/23 15:06	1
m-Xylene & p-Xylene	<0.00398	U	0.00398	mg/Kg		04/07/23 08:11	04/07/23 15:06	1
o-Xylene	<0.00199	U	0.00199	mg/Kg		04/07/23 08:11	04/07/23 15:06	1
Xylenes, Total	<0.00398	U	0.00398	mg/Kg		04/07/23 08:11	04/07/23 15:06	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	100		70 - 130	04/07/23 08:11	04/07/23 15:06	1
1,4-Difluorobenzene (Surr)	100		70 - 130	04/07/23 08:11	04/07/23 15:06	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398	mg/Kg			04/08/23 09:20	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0	mg/Kg			04/08/23 12:05	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0	mg/Kg		04/06/23 17:46	04/07/23 13:42	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		04/06/23 17:46	04/07/23 13:42	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		04/06/23 17:46	04/07/23 13:42	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	94		70 - 130			04/06/23 17:46	04/07/23 13:42	1
o-Terphenyl	82		70 - 130			04/06/23 17:46	04/07/23 13:42	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	271		25.0	mg/Kg			04/06/23 19:43	5

Client Sample ID: OB-28

Lab Sample ID: 880-26903-7

Date Collected: 04/06/23 08:10

Matrix: Solid

Date Received: 04/06/23 16:05

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199	mg/Kg		04/07/23 08:11	04/07/23 15:27	1
Toluene	<0.00199	U	0.00199	mg/Kg		04/07/23 08:11	04/07/23 15:27	1
Ethylbenzene	<0.00199	U	0.00199	mg/Kg		04/07/23 08:11	04/07/23 15:27	1
m-Xylene & p-Xylene	<0.00398	U	0.00398	mg/Kg		04/07/23 08:11	04/07/23 15:27	1
o-Xylene	<0.00199	U	0.00199	mg/Kg		04/07/23 08:11	04/07/23 15:27	1
Xylenes, Total	<0.00398	U	0.00398	mg/Kg		04/07/23 08:11	04/07/23 15:27	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	95		70 - 130	04/07/23 08:11	04/07/23 15:27	1
1,4-Difluorobenzene (Surr)	96		70 - 130	04/07/23 08:11	04/07/23 15:27	1

Eurofins Midland

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: SRO 5 State 506/507

Job ID: 880-26903-1
SDG: Loving, NM

Client Sample ID: OB-28

Lab Sample ID: 880-26903-7

Date Collected: 04/06/23 08:10

Matrix: Solid

Date Received: 04/06/23 16:05

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398	mg/Kg			04/08/23 09:20	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0	mg/Kg			04/08/23 12:05	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0	mg/Kg		04/06/23 17:46	04/07/23 14:04	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		04/06/23 17:46	04/07/23 14:04	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		04/06/23 17:46	04/07/23 14:04	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	91		70 - 130			04/06/23 17:46	04/07/23 14:04	1
o-Terphenyl	80		70 - 130			04/06/23 17:46	04/07/23 14:04	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	360		25.0	mg/Kg			04/06/23 19:48	5

Client Sample ID: OB-29

Lab Sample ID: 880-26903-8

Date Collected: 04/06/23 08:20

Matrix: Solid

Date Received: 04/06/23 16:05

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		04/07/23 08:11	04/07/23 15:48	1
Toluene	<0.00200	U	0.00200	mg/Kg		04/07/23 08:11	04/07/23 15:48	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		04/07/23 08:11	04/07/23 15:48	1
m-Xylene & p-Xylene	<0.00399	U	0.00399	mg/Kg		04/07/23 08:11	04/07/23 15:48	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		04/07/23 08:11	04/07/23 15:48	1
Xylenes, Total	<0.00399	U	0.00399	mg/Kg		04/07/23 08:11	04/07/23 15:48	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		70 - 130			04/07/23 08:11	04/07/23 15:48	1
1,4-Difluorobenzene (Surr)	80		70 - 130			04/07/23 08:11	04/07/23 15:48	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399	mg/Kg			04/08/23 09:20	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9	mg/Kg			04/08/23 12:05	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9	mg/Kg		04/06/23 17:46	04/07/23 14:25	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9	mg/Kg		04/06/23 17:46	04/07/23 14:25	1

Eurofins Midland

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: SRO 5 State 506/507

Job ID: 880-26903-1
SDG: Loving, NM

Client Sample ID: OB-29

Lab Sample ID: 880-26903-8

Date Collected: 04/06/23 08:20

Matrix: Solid

Date Received: 04/06/23 16:05

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg		04/06/23 17:46	04/07/23 14:25	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	94		70 - 130			04/06/23 17:46	04/07/23 14:25	1
o-Terphenyl	83		70 - 130			04/06/23 17:46	04/07/23 14:25	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	269		25.0	mg/Kg			04/06/23 19:53	5

Client Sample ID: OB-30

Lab Sample ID: 880-26903-9

Date Collected: 04/06/23 08:30

Matrix: Solid

Date Received: 04/06/23 16:05

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201	mg/Kg		04/07/23 08:11	04/07/23 16:08	1
Toluene	<0.00201	U	0.00201	mg/Kg		04/07/23 08:11	04/07/23 16:08	1
Ethylbenzene	<0.00201	U	0.00201	mg/Kg		04/07/23 08:11	04/07/23 16:08	1
m-Xylene & p-Xylene	<0.00402	U	0.00402	mg/Kg		04/07/23 08:11	04/07/23 16:08	1
o-Xylene	<0.00201	U	0.00201	mg/Kg		04/07/23 08:11	04/07/23 16:08	1
Xylenes, Total	<0.00402	U	0.00402	mg/Kg		04/07/23 08:11	04/07/23 16:08	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	102		70 - 130			04/07/23 08:11	04/07/23 16:08	1
1,4-Difluorobenzene (Surr)	101		70 - 130			04/07/23 08:11	04/07/23 16:08	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402	mg/Kg			04/08/23 09:20	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9	mg/Kg			04/08/23 12:05	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9	mg/Kg		04/06/23 17:46	04/07/23 14:47	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9	mg/Kg		04/06/23 17:46	04/07/23 14:47	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg		04/06/23 17:46	04/07/23 14:47	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	90		70 - 130			04/06/23 17:46	04/07/23 14:47	1
o-Terphenyl	76		70 - 130			04/06/23 17:46	04/07/23 14:47	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	178		5.01	mg/Kg			04/06/23 19:58	1

Eurofins Midland

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: SRO 5 State 506/507

Job ID: 880-26903-1
SDG: Loving, NM

Client Sample ID: OB-31

Lab Sample ID: 880-26903-10

Date Collected: 04/06/23 08:40

Matrix: Solid

Date Received: 04/06/23 16:05

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		04/07/23 08:11	04/07/23 16:29	1
Toluene	<0.00200	U	0.00200	mg/Kg		04/07/23 08:11	04/07/23 16:29	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		04/07/23 08:11	04/07/23 16:29	1
m-Xylene & p-Xylene	<0.00401	U	0.00401	mg/Kg		04/07/23 08:11	04/07/23 16:29	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		04/07/23 08:11	04/07/23 16:29	1
Xylenes, Total	<0.00401	U	0.00401	mg/Kg		04/07/23 08:11	04/07/23 16:29	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	101		70 - 130	04/07/23 08:11	04/07/23 16:29	1
1,4-Difluorobenzene (Surr)	100		70 - 130	04/07/23 08:11	04/07/23 16:29	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401	mg/Kg			04/08/23 09:20	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0	mg/Kg			04/08/23 12:05	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0	mg/Kg		04/06/23 17:46	04/07/23 15:32	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		04/06/23 17:46	04/07/23 15:32	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		04/06/23 17:46	04/07/23 15:32	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	88		70 - 130	04/06/23 17:46	04/07/23 15:32	1
o-Terphenyl	73		70 - 130	04/06/23 17:46	04/07/23 15:32	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	410		25.2	mg/Kg			04/06/23 20:02	5

Client Sample ID: OB-32

Lab Sample ID: 880-26903-11

Date Collected: 04/06/23 08:50

Matrix: Solid

Date Received: 04/06/23 16:05

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202	mg/Kg		04/07/23 08:54	04/07/23 15:13	1
Toluene	<0.00202	U	0.00202	mg/Kg		04/07/23 08:54	04/07/23 15:13	1
Ethylbenzene	<0.00202	U	0.00202	mg/Kg		04/07/23 08:54	04/07/23 15:13	1
m-Xylene & p-Xylene	<0.00404	U	0.00404	mg/Kg		04/07/23 08:54	04/07/23 15:13	1
o-Xylene	<0.00202	U	0.00202	mg/Kg		04/07/23 08:54	04/07/23 15:13	1
Xylenes, Total	<0.00404	U	0.00404	mg/Kg		04/07/23 08:54	04/07/23 15:13	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	96		70 - 130	04/07/23 08:54	04/07/23 15:13	1
1,4-Difluorobenzene (Surr)	104		70 - 130	04/07/23 08:54	04/07/23 15:13	1

Eurofins Midland

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: SRO 5 State 506/507

Job ID: 880-26903-1
SDG: Loving, NM

Client Sample ID: OB-32

Lab Sample ID: 880-26903-11

Date Collected: 04/06/23 08:50

Matrix: Solid

Date Received: 04/06/23 16:05

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404	mg/Kg			04/08/23 09:47	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8	mg/Kg			04/08/23 12:05	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8	mg/Kg		04/06/23 17:46	04/07/23 15:54	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8	mg/Kg		04/06/23 17:46	04/07/23 15:54	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8	mg/Kg		04/06/23 17:46	04/07/23 15:54	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	109		70 - 130			04/06/23 17:46	04/07/23 15:54	1
o-Terphenyl	86		70 - 130			04/06/23 17:46	04/07/23 15:54	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	245		25.2	mg/Kg			04/06/23 20:07	5

Client Sample ID: OB-33

Lab Sample ID: 880-26903-12

Date Collected: 04/06/23 09:00

Matrix: Solid

Date Received: 04/06/23 16:05

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201	mg/Kg		04/07/23 08:54	04/07/23 15:34	1
Toluene	<0.00201	U	0.00201	mg/Kg		04/07/23 08:54	04/07/23 15:34	1
Ethylbenzene	<0.00201	U	0.00201	mg/Kg		04/07/23 08:54	04/07/23 15:34	1
m-Xylene & p-Xylene	<0.00402	U	0.00402	mg/Kg		04/07/23 08:54	04/07/23 15:34	1
o-Xylene	<0.00201	U	0.00201	mg/Kg		04/07/23 08:54	04/07/23 15:34	1
Xylenes, Total	<0.00402	U	0.00402	mg/Kg		04/07/23 08:54	04/07/23 15:34	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	109		70 - 130			04/07/23 08:54	04/07/23 15:34	1
1,4-Difluorobenzene (Surr)	116		70 - 130			04/07/23 08:54	04/07/23 15:34	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402	mg/Kg			04/08/23 09:47	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0	mg/Kg			04/08/23 12:05	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0	mg/Kg		04/06/23 17:46	04/07/23 16:16	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		04/06/23 17:46	04/07/23 16:16	1

Eurofins Midland

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: SRO 5 State 506/507

Job ID: 880-26903-1
SDG: Loving, NM

Client Sample ID: OB-33

Lab Sample ID: 880-26903-12

Date Collected: 04/06/23 09:00

Matrix: Solid

Date Received: 04/06/23 16:05

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		04/06/23 17:46	04/07/23 16:16	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	93		70 - 130			04/06/23 17:46	04/07/23 16:16	1
o-Terphenyl	74		70 - 130			04/06/23 17:46	04/07/23 16:16	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	331		24.9	mg/Kg			04/06/23 20:22	5

Client Sample ID: OB-34

Lab Sample ID: 880-26903-13

Date Collected: 04/06/23 09:30

Matrix: Solid

Date Received: 04/06/23 16:05

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201	mg/Kg		04/07/23 08:54	04/07/23 15:55	1
Toluene	<0.00201	U	0.00201	mg/Kg		04/07/23 08:54	04/07/23 15:55	1
Ethylbenzene	<0.00201	U	0.00201	mg/Kg		04/07/23 08:54	04/07/23 15:55	1
m-Xylene & p-Xylene	<0.00402	U	0.00402	mg/Kg		04/07/23 08:54	04/07/23 15:55	1
o-Xylene	<0.00201	U	0.00201	mg/Kg		04/07/23 08:54	04/07/23 15:55	1
Xylenes, Total	<0.00402	U	0.00402	mg/Kg		04/07/23 08:54	04/07/23 15:55	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		70 - 130			04/07/23 08:54	04/07/23 15:55	1
1,4-Difluorobenzene (Surr)	112		70 - 130			04/07/23 08:54	04/07/23 15:55	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402	mg/Kg			04/08/23 09:47	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9	mg/Kg			04/08/23 12:05	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9	mg/Kg		04/06/23 17:46	04/07/23 16:39	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9	mg/Kg		04/06/23 17:46	04/07/23 16:39	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg		04/06/23 17:46	04/07/23 16:39	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	93		70 - 130			04/06/23 17:46	04/07/23 16:39	1
o-Terphenyl	75		70 - 130			04/06/23 17:46	04/07/23 16:39	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	266		25.0	mg/Kg			04/06/23 20:27	5

Eurofins Midland

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: SRO 5 State 506/507

Job ID: 880-26903-1
SDG: Loving, NM

Client Sample ID: OB-35

Lab Sample ID: 880-26903-14

Date Collected: 04/06/23 09:40

Matrix: Solid

Date Received: 04/06/23 16:05

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199	mg/Kg		04/07/23 08:54	04/07/23 16:15	1
Toluene	<0.00199	U	0.00199	mg/Kg		04/07/23 08:54	04/07/23 16:15	1
Ethylbenzene	<0.00199	U	0.00199	mg/Kg		04/07/23 08:54	04/07/23 16:15	1
m-Xylene & p-Xylene	<0.00398	U	0.00398	mg/Kg		04/07/23 08:54	04/07/23 16:15	1
o-Xylene	<0.00199	U	0.00199	mg/Kg		04/07/23 08:54	04/07/23 16:15	1
Xylenes, Total	<0.00398	U	0.00398	mg/Kg		04/07/23 08:54	04/07/23 16:15	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	107		70 - 130			04/07/23 08:54	04/07/23 16:15	1
1,4-Difluorobenzene (Surr)	112		70 - 130			04/07/23 08:54	04/07/23 16:15	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398	mg/Kg			04/08/23 09:47	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8	mg/Kg			04/08/23 12:05	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8	mg/Kg		04/06/23 17:46	04/07/23 17:01	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8	mg/Kg		04/06/23 17:46	04/07/23 17:01	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8	mg/Kg		04/06/23 17:46	04/07/23 17:01	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	92		70 - 130			04/06/23 17:46	04/07/23 17:01	1
o-Terphenyl	74		70 - 130			04/06/23 17:46	04/07/23 17:01	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	199		5.04	mg/Kg			04/07/23 13:41	1

Client Sample ID: OB-36

Lab Sample ID: 880-26903-15

Date Collected: 04/06/23 09:50

Matrix: Solid

Date Received: 04/06/23 16:05

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198	mg/Kg		04/07/23 08:54	04/07/23 16:36	1
Toluene	<0.00198	U	0.00198	mg/Kg		04/07/23 08:54	04/07/23 16:36	1
Ethylbenzene	<0.00198	U	0.00198	mg/Kg		04/07/23 08:54	04/07/23 16:36	1
m-Xylene & p-Xylene	<0.00396	U	0.00396	mg/Kg		04/07/23 08:54	04/07/23 16:36	1
o-Xylene	<0.00198	U	0.00198	mg/Kg		04/07/23 08:54	04/07/23 16:36	1
Xylenes, Total	<0.00396	U	0.00396	mg/Kg		04/07/23 08:54	04/07/23 16:36	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	110		70 - 130			04/07/23 08:54	04/07/23 16:36	1
1,4-Difluorobenzene (Surr)	98		70 - 130			04/07/23 08:54	04/07/23 16:36	1

Eurofins Midland

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: SRO 5 State 506/507

Job ID: 880-26903-1
SDG: Loving, NM

Client Sample ID: OB-36

Lab Sample ID: 880-26903-15

Date Collected: 04/06/23 09:50

Matrix: Solid

Date Received: 04/06/23 16:05

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396	mg/Kg			04/08/23 09:47	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9	mg/Kg			04/08/23 12:05	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9	mg/Kg		04/06/23 17:46	04/07/23 17:23	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9	mg/Kg		04/06/23 17:46	04/07/23 17:23	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg		04/06/23 17:46	04/07/23 17:23	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	108		70 - 130			04/06/23 17:46	04/07/23 17:23	1
o-Terphenyl	86		70 - 130			04/06/23 17:46	04/07/23 17:23	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	261		4.95	mg/Kg			04/07/23 13:46	1

Client Sample ID: OB-37

Lab Sample ID: 880-26903-16

Date Collected: 04/06/23 10:00

Matrix: Solid

Date Received: 04/06/23 16:05

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199	mg/Kg		04/07/23 08:54	04/07/23 16:57	1
Toluene	<0.00199	U	0.00199	mg/Kg		04/07/23 08:54	04/07/23 16:57	1
Ethylbenzene	<0.00199	U	0.00199	mg/Kg		04/07/23 08:54	04/07/23 16:57	1
m-Xylene & p-Xylene	<0.00398	U	0.00398	mg/Kg		04/07/23 08:54	04/07/23 16:57	1
o-Xylene	<0.00199	U	0.00199	mg/Kg		04/07/23 08:54	04/07/23 16:57	1
Xylenes, Total	<0.00398	U	0.00398	mg/Kg		04/07/23 08:54	04/07/23 16:57	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	112		70 - 130			04/07/23 08:54	04/07/23 16:57	1
1,4-Difluorobenzene (Surr)	108		70 - 130			04/07/23 08:54	04/07/23 16:57	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398	mg/Kg			04/08/23 09:47	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9	mg/Kg			04/08/23 12:05	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9	mg/Kg		04/06/23 17:46	04/07/23 17:45	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9	mg/Kg		04/06/23 17:46	04/07/23 17:45	1

Eurofins Midland

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: SRO 5 State 506/507

Job ID: 880-26903-1
SDG: Loving, NM

Client Sample ID: OB-37

Lab Sample ID: 880-26903-16

Date Collected: 04/06/23 10:00

Matrix: Solid

Date Received: 04/06/23 16:05

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg		04/06/23 17:46	04/07/23 17:45	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	89		70 - 130			04/06/23 17:46	04/07/23 17:45	1
o-Terphenyl	71		70 - 130			04/06/23 17:46	04/07/23 17:45	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	224		5.02	mg/Kg			04/07/23 13:51	1

Client Sample ID: OB-38

Lab Sample ID: 880-26903-17

Date Collected: 04/06/23 10:20

Matrix: Solid

Date Received: 04/06/23 16:05

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		04/07/23 08:54	04/07/23 17:18	1
Toluene	<0.00200	U	0.00200	mg/Kg		04/07/23 08:54	04/07/23 17:18	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		04/07/23 08:54	04/07/23 17:18	1
m-Xylene & p-Xylene	<0.00400	U	0.00400	mg/Kg		04/07/23 08:54	04/07/23 17:18	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		04/07/23 08:54	04/07/23 17:18	1
Xylenes, Total	<0.00400	U	0.00400	mg/Kg		04/07/23 08:54	04/07/23 17:18	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	106		70 - 130			04/07/23 08:54	04/07/23 17:18	1
1,4-Difluorobenzene (Surr)	110		70 - 130			04/07/23 08:54	04/07/23 17:18	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00400	U	0.00400	mg/Kg			04/08/23 09:47	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0	mg/Kg			04/08/23 12:05	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0	mg/Kg		04/06/23 17:46	04/07/23 18:06	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		04/06/23 17:46	04/07/23 18:06	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		04/06/23 17:46	04/07/23 18:06	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	91		70 - 130			04/06/23 17:46	04/07/23 18:06	1
o-Terphenyl	73		70 - 130			04/06/23 17:46	04/07/23 18:06	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	206		5.03	mg/Kg			04/07/23 13:56	1

Eurofins Midland

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: SRO 5 State 506/507

Job ID: 880-26903-1
SDG: Loving, NM

Client Sample ID: OB-39

Lab Sample ID: 880-26903-18

Date Collected: 04/06/23 10:30

Matrix: Solid

Date Received: 04/06/23 16:05

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202	mg/Kg		04/07/23 08:54	04/07/23 17:38	1
Toluene	<0.00202	U	0.00202	mg/Kg		04/07/23 08:54	04/07/23 17:38	1
Ethylbenzene	<0.00202	U	0.00202	mg/Kg		04/07/23 08:54	04/07/23 17:38	1
m-Xylene & p-Xylene	<0.00404	U	0.00404	mg/Kg		04/07/23 08:54	04/07/23 17:38	1
o-Xylene	<0.00202	U	0.00202	mg/Kg		04/07/23 08:54	04/07/23 17:38	1
Xylenes, Total	<0.00404	U	0.00404	mg/Kg		04/07/23 08:54	04/07/23 17:38	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	105		70 - 130			04/07/23 08:54	04/07/23 17:38	1
1,4-Difluorobenzene (Surr)	111		70 - 130			04/07/23 08:54	04/07/23 17:38	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404	mg/Kg			04/08/23 09:47	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0	mg/Kg			04/08/23 12:05	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0	mg/Kg		04/06/23 17:46	04/07/23 18:27	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		04/06/23 17:46	04/07/23 18:27	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		04/06/23 17:46	04/07/23 18:27	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	94		70 - 130			04/06/23 17:46	04/07/23 18:27	1
o-Terphenyl	76		70 - 130			04/06/23 17:46	04/07/23 18:27	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	167		4.99	mg/Kg			04/07/23 14:00	1

Client Sample ID: TB-04062023

Lab Sample ID: 880-26903-20

Date Collected: 04/06/23 10:00

Matrix: Water

Date Received: 04/06/23 16:05

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/L			04/07/23 16:16	1
Toluene	<0.00200	U	0.00200	mg/L			04/07/23 16:16	1
Ethylbenzene	<0.00200	U	0.00200	mg/L			04/07/23 16:16	1
m-Xylene & p-Xylene	<0.00400	U	0.00400	mg/L			04/07/23 16:16	1
o-Xylene	<0.00200	U	0.00200	mg/L			04/07/23 16:16	1
Xylenes, Total	<0.00400	U	0.00400	mg/L			04/07/23 16:16	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	94		70 - 130				04/07/23 16:16	1
1,4-Difluorobenzene (Surr)	107		70 - 130				04/07/23 16:16	1

Eurofins Midland

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: SRO 5 State 506/507

Job ID: 880-26903-1
SDG: Loving, NM

Client Sample ID: TB-04062023
Date Collected: 04/06/23 10:00
Date Received: 04/06/23 16:05

Lab Sample ID: 880-26903-20
Matrix: Water

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00400	U	0.00400	mg/L			04/10/23 10:29	1

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

Surrogate Summary

Client: TRC Solutions, Inc.
Project/Site: SRO 5 State 506/507

Job ID: 880-26903-1
SDG: Loving, NM

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	BFB1	DFBZ1
		(70-130)	(70-130)
880-26903-1	SW-12	89	102
880-26903-1 MS	SW-12	112	107
880-26903-1 MSD	SW-12	111	113
880-26903-2	SW-13	120	102
880-26903-3	FL-19 @ 6'	96	97
880-26903-4	FL-20 @ 6'	100	98
880-26903-5	FL-21 @ 6'	103	101
880-26903-6	OB-27	100	100
880-26903-7	OB-28	95	96
880-26903-8	OB-29	103	80
880-26903-9	OB-30	102	101
880-26903-10	OB-31	101	100
880-26903-11	OB-32	96	104
880-26903-11 MS	OB-32	103	101
880-26903-11 MSD	OB-32	103	103
880-26903-12	OB-33	109	116
880-26903-13	OB-34	104	112
880-26903-14	OB-35	107	112
880-26903-15	OB-36	110	98
880-26903-16	OB-37	112	108
880-26903-17	OB-38	106	110
880-26903-18	OB-39	105	111
LCS 880-50519/1-A	Lab Control Sample	98	119
LCS 880-50563/1-A	Lab Control Sample	113	96
LCSD 880-50519/2-A	Lab Control Sample Dup	93	118
LCSD 880-50563/2-A	Lab Control Sample Dup	95	98
MB 880-50519/5-A	Method Blank	78	78
MB 880-50563/5-A	Method Blank	93	90
Surrogate Legend			
BFB = 4-Bromofluorobenzene (Surr)			
DFBZ = 1,4-Difluorobenzene (Surr)			

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Water

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	BFB1	DFBZ1
		(70-130)	(70-130)
880-26519-A-1 MS	Matrix Spike	101	111
880-26519-A-1 MSD	Matrix Spike Duplicate	104	115
880-26903-20	TB-04062023	94	107
LCS 880-50621/3	Lab Control Sample	96	109
LCSD 880-50621/4	Lab Control Sample Dup	98	110
MB 880-50621/8	Method Blank	91	100
Surrogate Legend			
BFB = 4-Bromofluorobenzene (Surr)			
DFBZ = 1,4-Difluorobenzene (Surr)			

Eurofins Midland

Surrogate Summary

Client: TRC Solutions, Inc.
Project/Site: SRO 5 State 506/507

Job ID: 880-26903-1
SDG: Loving, NM

Method: 8015B NM - Diesel Range Organics (DRO) (GC)**Matrix: Solid****Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	1CO1 (70-130)	OTPH1 (70-130)
880-26903-1	SW-12	122	106
880-26903-1 MS	SW-12	122	98
880-26903-1 MSD	SW-12	104	80
880-26903-2	SW-13	99	83
880-26903-3	FL-19 @ 6'	113	92
880-26903-4	FL-20 @ 6'	112	93
880-26903-5	FL-21 @ 6'	112	95
880-26903-6	OB-27	94	82
880-26903-7	OB-28	91	80
880-26903-8	OB-29	94	83
880-26903-9	OB-30	90	76
880-26903-10	OB-31	88	73
880-26903-11	OB-32	109	86
880-26903-12	OB-33	93	74
880-26903-13	OB-34	93	75
880-26903-14	OB-35	92	74
880-26903-15	OB-36	108	86
880-26903-16	OB-37	89	71
880-26903-17	OB-38	91	73
880-26903-18	OB-39	94	76
LCS 880-50555/2-A	Lab Control Sample	131 S1+	109
LCSD 880-50555/3-A	Lab Control Sample Dup	107	95
MB 880-50555/1-A	Method Blank	134 S1+	120

Surrogate Legend

1CO = 1-Chlorooctane

OTPH = o-Terphenyl

QC Sample Results

Client: TRC Solutions, Inc.
Project/Site: SRO 5 State 506/507

Job ID: 880-26903-1
SDG: Loving, NM

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-50519/5-A

Matrix: Solid

Analysis Batch: 50556

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 50519

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		04/06/23 08:11	04/07/23 13:02	1
Toluene	<0.00200	U	0.00200	mg/Kg		04/06/23 08:11	04/07/23 13:02	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		04/06/23 08:11	04/07/23 13:02	1
m-Xylene & p-Xylene	<0.00400	U	0.00400	mg/Kg		04/06/23 08:11	04/07/23 13:02	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		04/06/23 08:11	04/07/23 13:02	1
Xylenes, Total	<0.00400	U	0.00400	mg/Kg		04/06/23 08:11	04/07/23 13:02	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	78		70 - 130	04/06/23 08:11	04/07/23 13:02	1
1,4-Difluorobenzene (Surr)	78		70 - 130	04/06/23 08:11	04/07/23 13:02	1

Lab Sample ID: LCS 880-50519/1-A

Matrix: Solid

Analysis Batch: 50556

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 50519

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.1265		mg/Kg		126	70 - 130
Toluene	0.100	0.1071		mg/Kg		107	70 - 130
Ethylbenzene	0.100	0.09916		mg/Kg		99	70 - 130
m-Xylene & p-Xylene	0.200	0.1977		mg/Kg		99	70 - 130
o-Xylene	0.100	0.09861		mg/Kg		99	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	98		70 - 130
1,4-Difluorobenzene (Surr)	119		70 - 130

Lab Sample ID: LCSD 880-50519/2-A

Matrix: Solid

Analysis Batch: 50556

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 50519

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.1171		mg/Kg		117	70 - 130	8	35
Toluene	0.100	0.09657		mg/Kg		97	70 - 130	10	35
Ethylbenzene	0.100	0.09014		mg/Kg		90	70 - 130	10	35
m-Xylene & p-Xylene	0.200	0.1822		mg/Kg		91	70 - 130	8	35
o-Xylene	0.100	0.09143		mg/Kg		91	70 - 130	8	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	93		70 - 130
1,4-Difluorobenzene (Surr)	118		70 - 130

Lab Sample ID: 880-26903-1 MS

Matrix: Solid

Analysis Batch: 50556

Client Sample ID: SW-12

Prep Type: Total/NA

Prep Batch: 50519

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00198	U	0.0998	0.08386		mg/Kg		84	70 - 130
Toluene	<0.00198	U	0.0998	0.07362		mg/Kg		74	70 - 130

Eurofins Midland

QC Sample Results

Client: TRC Solutions, Inc.
Project/Site: SRO 5 State 506/507

Job ID: 880-26903-1
SDG: Loving, NM

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: 880-26903-1 MS
Matrix: Solid
Analysis Batch: 50556

Client Sample ID: SW-12
Prep Type: Total/NA
Prep Batch: 50519

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Ethylbenzene	<0.00198	U F2	0.0998	0.07317		mg/Kg		73	70 - 130
m-Xylene & p-Xylene	<0.00396	U F2	0.200	0.1521		mg/Kg		76	70 - 130
o-Xylene	<0.00198	U	0.0998	0.07746		mg/Kg		78	70 - 130
Surrogate	MS %Recovery	MS Qualifier	Limits						
4-Bromofluorobenzene (Surr)	112		70 - 130						
1,4-Difluorobenzene (Surr)	107		70 - 130						

Lab Sample ID: 880-26903-1 MSD
Matrix: Solid
Analysis Batch: 50556

Client Sample ID: SW-12
Prep Type: Total/NA
Prep Batch: 50519

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00198	U	0.100	0.1147		mg/Kg		114	70 - 130	31	35
Toluene	<0.00198	U	0.100	0.1015		mg/Kg		101	70 - 130	32	35
Ethylbenzene	<0.00198	U F2	0.100	0.1060	F2	mg/Kg		106	70 - 130	37	35
m-Xylene & p-Xylene	<0.00396	U F2	0.201	0.2186	F2	mg/Kg		109	70 - 130	36	35
o-Xylene	<0.00198	U	0.100	0.1090		mg/Kg		109	70 - 130	34	35
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
4-Bromofluorobenzene (Surr)	111		70 - 130								
1,4-Difluorobenzene (Surr)	113		70 - 130								

Lab Sample ID: MB 880-50563/5-A
Matrix: Solid
Analysis Batch: 50561

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 50563

	MB	MB						
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		04/07/23 08:54	04/07/23 14:51	1
Toluene	<0.00200	U	0.00200	mg/Kg		04/07/23 08:54	04/07/23 14:51	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		04/07/23 08:54	04/07/23 14:51	1
m-Xylene & p-Xylene	<0.00400	U	0.00400	mg/Kg		04/07/23 08:54	04/07/23 14:51	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		04/07/23 08:54	04/07/23 14:51	1
Xylenes, Total	<0.00400	U	0.00400	mg/Kg		04/07/23 08:54	04/07/23 14:51	1
	MB	MB						
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	93		70 - 130			04/07/23 08:54	04/07/23 14:51	1
1,4-Difluorobenzene (Surr)	90		70 - 130			04/07/23 08:54	04/07/23 14:51	1

Lab Sample ID: LCS 880-50563/1-A
Matrix: Solid
Analysis Batch: 50561

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 50563

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.08220		mg/Kg		82	70 - 130
Toluene	0.100	0.1025		mg/Kg		103	70 - 130
Ethylbenzene	0.100	0.1178		mg/Kg		118	70 - 130
m-Xylene & p-Xylene	0.200	0.2403		mg/Kg		120	70 - 130

Eurofins Midland

QC Sample Results

Client: TRC Solutions, Inc.
Project/Site: SRO 5 State 506/507

Job ID: 880-26903-1
SDG: Loving, NM

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: LCS 880-50563/1-A

Matrix: Solid

Analysis Batch: 50561

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 50563

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
o-Xylene	0.100	0.1057		mg/Kg		106	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	113		70 - 130
1,4-Difluorobenzene (Surr)	96		70 - 130

Lab Sample ID: LCSD 880-50563/2-A

Matrix: Solid

Analysis Batch: 50561

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 50563

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.09261		mg/Kg		93	70 - 130	12	35
Toluene	0.100	0.09454		mg/Kg		95	70 - 130	8	35
Ethylbenzene	0.100	0.09429		mg/Kg		94	70 - 130	22	35
m-Xylene & p-Xylene	0.200	0.1894		mg/Kg		95	70 - 130	24	35
o-Xylene	0.100	0.08427		mg/Kg		84	70 - 130	23	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	95		70 - 130
1,4-Difluorobenzene (Surr)	98		70 - 130

Lab Sample ID: 880-26903-11 MS

Matrix: Solid

Analysis Batch: 50561

Client Sample ID: OB-32

Prep Type: Total/NA

Prep Batch: 50563

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00202	U	0.101	0.08008		mg/Kg		79	70 - 130
Toluene	<0.00202	U	0.101	0.08385		mg/Kg		83	70 - 130
Ethylbenzene	<0.00202	U	0.101	0.08631		mg/Kg		86	70 - 130
m-Xylene & p-Xylene	<0.00404	U	0.202	0.1736		mg/Kg		86	70 - 130
o-Xylene	<0.00202	U	0.101	0.07677		mg/Kg		76	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	103		70 - 130
1,4-Difluorobenzene (Surr)	101		70 - 130

Lab Sample ID: 880-26903-11 MSD

Matrix: Solid

Analysis Batch: 50561

Client Sample ID: OB-32

Prep Type: Total/NA

Prep Batch: 50563

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00202	U	0.0996	0.08886		mg/Kg		89	70 - 130	10	35
Toluene	<0.00202	U	0.0996	0.08975		mg/Kg		90	70 - 130	7	35
Ethylbenzene	<0.00202	U	0.0996	0.08732		mg/Kg		88	70 - 130	1	35
m-Xylene & p-Xylene	<0.00404	U	0.199	0.1731		mg/Kg		87	70 - 130	0	35
o-Xylene	<0.00202	U	0.0996	0.07594		mg/Kg		76	70 - 130	1	35

Eurofins Midland

QC Sample Results

Client: TRC Solutions, Inc.
Project/Site: SRO 5 State 506/507

Job ID: 880-26903-1
SDG: Loving, NM

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: 880-26903-11 MSD

Matrix: Solid

Analysis Batch: 50561

Client Sample ID: OB-32

Prep Type: Total/NA

Prep Batch: 50563

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	103		70 - 130
1,4-Difluorobenzene (Surr)	103		70 - 130

Lab Sample ID: MB 880-50621/8

Matrix: Water

Analysis Batch: 50621

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB	MB							
	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil	Fac
Benzene	<0.00200	U	0.00200	mg/L			04/07/23 15:47	1	
Toluene	<0.00200	U	0.00200	mg/L			04/07/23 15:47	1	
Ethylbenzene	<0.00200	U	0.00200	mg/L			04/07/23 15:47	1	
m-Xylene & p-Xylene	<0.00400	U	0.00400	mg/L			04/07/23 15:47	1	
o-Xylene	<0.00200	U	0.00200	mg/L			04/07/23 15:47	1	
Xylenes, Total	<0.00400	U	0.00400	mg/L			04/07/23 15:47	1	

	MB	MB							
Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil	Fac		
4-Bromofluorobenzene (Surr)	91		70 - 130		04/07/23 15:47	1			
1,4-Difluorobenzene (Surr)	100		70 - 130		04/07/23 15:47	1			

Lab Sample ID: LCS 880-50621/3

Matrix: Water

Analysis Batch: 50621

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike	LCS	LCS					%Rec	
	Added	Result	Qualifier	Unit	D	%Rec	Limits		
Benzene	0.100	0.09559		mg/L		96	70 - 130		
Toluene	0.100	0.09343		mg/L		93	70 - 130		
Ethylbenzene	0.100	0.08575		mg/L		86	70 - 130		
m-Xylene & p-Xylene	0.200	0.1696		mg/L		85	70 - 130		
o-Xylene	0.100	0.08486		mg/L		85	70 - 130		

	LCS	LCS	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	96		70 - 130
1,4-Difluorobenzene (Surr)	109		70 - 130

Lab Sample ID: LCSD 880-50621/4

Matrix: Water

Analysis Batch: 50621

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	
Benzene	0.100	0.1092		mg/L		109	70 - 130	13	20	
Toluene	0.100	0.1064		mg/L		106	70 - 130	13	20	
Ethylbenzene	0.100	0.09697		mg/L		97	70 - 130	12	20	
m-Xylene & p-Xylene	0.200	0.1921		mg/L		96	70 - 130	12	20	
o-Xylene	0.100	0.09566		mg/L		96	70 - 130	12	20	

	LCSD	LCSD	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	98		70 - 130

Eurofins Midland

QC Sample Results

Client: TRC Solutions, Inc.
Project/Site: SRO 5 State 506/507

Job ID: 880-26903-1
SDG: Loving, NM

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: LCSD 880-50621/4

Matrix: Water

Analysis Batch: 50621

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

	LCSD	LCSD	
Surrogate	%Recovery	Qualifier	Limits
1,4-Difluorobenzene (Surr)	110		70 - 130

Lab Sample ID: 880-26519-A-1 MS

Matrix: Water

Analysis Batch: 50621

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00200	U	0.100	0.1092		mg/L		109	70 - 130
Toluene	<0.00200	U	0.100	0.1059		mg/L		106	70 - 130
Ethylbenzene	<0.00200	U	0.100	0.09790		mg/L		98	70 - 130
m-Xylene & p-Xylene	<0.00400	U	0.200	0.1949		mg/L		97	70 - 130
o-Xylene	<0.00200	U	0.100	0.09685		mg/L		97	70 - 130

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	101		70 - 130
1,4-Difluorobenzene (Surr)	111		70 - 130

Lab Sample ID: 880-26519-A-1 MSD

Matrix: Water

Analysis Batch: 50621

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00200	U	0.100	0.1158		mg/L		116	70 - 130	6	25
Toluene	<0.00200	U	0.100	0.1125		mg/L		112	70 - 130	6	25
Ethylbenzene	<0.00200	U	0.100	0.1038		mg/L		104	70 - 130	6	25
m-Xylene & p-Xylene	<0.00400	U	0.200	0.2058		mg/L		103	70 - 130	5	25
o-Xylene	<0.00200	U	0.100	0.1031		mg/L		103	70 - 130	6	25

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	104		70 - 130
1,4-Difluorobenzene (Surr)	115		70 - 130

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

Lab Sample ID: MB 880-50555/1-A

Matrix: Solid

Analysis Batch: 50570

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 50555

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0	mg/Kg		04/06/23 17:46	04/07/23 08:12	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		04/06/23 17:46	04/07/23 08:12	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		04/06/23 17:46	04/07/23 08:12	1

	MB	MB						
Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac		
1-Chlorooctane	134	S1+	70 - 130	04/06/23 17:46	04/07/23 08:12	1		
o-Terphenyl	120		70 - 130	04/06/23 17:46	04/07/23 08:12	1		

Eurofins Midland

QC Sample Results

Client: TRC Solutions, Inc.
Project/Site: SRO 5 State 506/507

Job ID: 880-26903-1
SDG: Loving, NM

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

Lab Sample ID: LCS 880-50555/2-A

Matrix: Solid

Analysis Batch: 50570

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 50555

Analyte			Spike	LCS	LCS				%Rec		
			Added	Result	Qualifier	Unit	D	%Rec	Limits		
Gasoline Range Organics (GRO)-C6-C10			1000	1129		mg/Kg		113	70 - 130		
Diesel Range Organics (Over C10-C28)			1000	1140		mg/Kg		114	70 - 130		
		LCS	LCS								
Surrogate	%Recovery	Qualifier	Limits								
1-Chlorooctane	131	S1+	70 - 130								
o-Terphenyl	109		70 - 130								

Lab Sample ID: LCSD 880-50555/3-A

Matrix: Solid

Analysis Batch: 50570

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 50555

Analyte			Spike	LCSD	LCSD	Unit	D	%Rec	%Rec	RPD	RPD
			Added	Result	Qualifier			Limits	Limit		
Gasoline Range Organics (GRO)-C6-C10			1000	983.7		mg/Kg		98	70 - 130	14	20
Diesel Range Organics (Over C10-C28)			1000	980.1		mg/Kg		98	70 - 130	15	20
Surrogate	LCSD	LCSD	Limits								
	%Recovery	Qualifier									
1-Chlorooctane	107		70 - 130								
o-Terphenyl	95		70 - 130								

Lab Sample ID: 880-26903-1 MS

Matrix: Solid

Analysis Batch: 50570

Client Sample ID: SW-12

Prep Type: Total/NA

Prep Batch: 50555

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec	Limits		
	Result	Qualifier	Added	Result	Qualifier							
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	997	1179		mg/Kg		118	70 - 130			
Diesel Range Organics (Over C10-C28)	<49.9	U	997	1213		mg/Kg		122	70 - 130			
Surrogate	MS	MS	Limits									
	%Recovery	Qualifier										
1-Chlorooctane	122		70 - 130									
o-Terphenyl	98		70 - 130									

Lab Sample ID: 880-26903-1 MSD

Matrix: Solid

Analysis Batch: 50570

Client Sample ID: SW-12

Prep Type: Total/NA

Prep Batch: 50555

	Sample	Sample	Spike	MSD	MSD			%Rec		RPD	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	1000	983.9		mg/Kg		98	70 - 130	18	20
Diesel Range Organics (Over C10-C28)	<49.9	U	1000	1022		mg/Kg		102	70 - 130	17	20
	MSD	MSD									
Surrogate	%Recovery	Qualifier	Limits								
1-Chlorooctane	104		70 - 130								

Eurofins Midland

QC Sample Results

Client: TRC Solutions, Inc.
Project/Site: SRO 5 State 506/507

Job ID: 880-26903-1
SDG: Loving, NM

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

Lab Sample ID: 880-26903-1 MSD
Matrix: Solid
Analysis Batch: 50570

Client Sample ID: SW-12
Prep Type: Total/NA
Prep Batch: 50555

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
<i>o</i> -Terphenyl	80		70 - 130

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-50550/1-A
Matrix: Solid
Analysis Batch: 50609

Client Sample ID: Method Blank
Prep Type: Soluble

Analyte	MB	MB								
	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil	Fac	
Chloride	<5.00	U	5.00	mg/Kg			04/06/23 18:45		1	

Lab Sample ID: LCS 880-50550/2-A
Matrix: Solid
Analysis Batch: 50609

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte		Spike	LCS	LCS				%Rec		
		Added	Result	Qualifier	Unit	D	%Rec	Limits		
Chloride		250	247.7		mg/Kg		99	90 - 110		

Lab Sample ID: LCSD 880-50550/3-A
Matrix: Solid
Analysis Batch: 50609

Client Sample ID: Lab Control Sample Dup
Prep Type: Soluble

Analyte		Spike	LCSD	LCSD				%Rec		RPD
		Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Chloride		250	248.6		mg/Kg		99	90 - 110	0	20

Lab Sample ID: 880-26903-1 MS
Matrix: Solid
Analysis Batch: 50609

Client Sample ID: SW-12
Prep Type: Soluble

Analyte	Sample	Sample	Spike	MS	MS				%Rec		
	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits		
Chloride	669		1240	1880		mg/Kg		98	90 - 110		

Lab Sample ID: 880-26903-1 MSD
Matrix: Solid
Analysis Batch: 50609

Client Sample ID: SW-12
Prep Type: Soluble

Analyte	Sample	Sample	Spike	MSD	MSD				%Rec		RPD
	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Chloride	669		1240	1891		mg/Kg		98	90 - 110	1	20

Lab Sample ID: 880-26903-11 MS
Matrix: Solid
Analysis Batch: 50609

Client Sample ID: OB-32
Prep Type: Soluble

Analyte	Sample	Sample	Spike	MS	MS				%Rec		
	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits		
Chloride	245		1260	1489		mg/Kg		99	90 - 110		

Eurofins Midland

QC Sample Results

Client: TRC Solutions, Inc.
Project/Site: SRO 5 State 506/507

Job ID: 880-26903-1
SDG: Loving, NM

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: 880-26903-11 MSD							Client Sample ID: OB-32					
Matrix: Solid							Prep Type: Soluble					
Analysis Batch: 50609												
Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit	
Chloride	245		1260	1494		mg/Kg		99	90 - 110	0	20	

QC Association Summary

Client: TRC Solutions, Inc.
Project/Site: SRO 5 State 506/507

Job ID: 880-26903-1
SDG: Loving, NM

GC VOA

Prep Batch: 50519

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-26903-1	SW-12	Total/NA	Solid	5035	
880-26903-2	SW-13	Total/NA	Solid	5035	
880-26903-3	FL-19 @ 6'	Total/NA	Solid	5035	
880-26903-4	FL-20 @ 6'	Total/NA	Solid	5035	
880-26903-5	FL-21 @ 6'	Total/NA	Solid	5035	
880-26903-6	OB-27	Total/NA	Solid	5035	
880-26903-7	OB-28	Total/NA	Solid	5035	
880-26903-8	OB-29	Total/NA	Solid	5035	
880-26903-9	OB-30	Total/NA	Solid	5035	
880-26903-10	OB-31	Total/NA	Solid	5035	
MB 880-50519/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-50519/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-50519/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-26903-1 MS	SW-12	Total/NA	Solid	5035	
880-26903-1 MSD	SW-12	Total/NA	Solid	5035	

Analysis Batch: 50556

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-26903-1	SW-12	Total/NA	Solid	8021B	50519
880-26903-2	SW-13	Total/NA	Solid	8021B	50519
880-26903-3	FL-19 @ 6'	Total/NA	Solid	8021B	50519
880-26903-4	FL-20 @ 6'	Total/NA	Solid	8021B	50519
880-26903-5	FL-21 @ 6'	Total/NA	Solid	8021B	50519
880-26903-6	OB-27	Total/NA	Solid	8021B	50519
880-26903-7	OB-28	Total/NA	Solid	8021B	50519
880-26903-8	OB-29	Total/NA	Solid	8021B	50519
880-26903-9	OB-30	Total/NA	Solid	8021B	50519
880-26903-10	OB-31	Total/NA	Solid	8021B	50519
MB 880-50519/5-A	Method Blank	Total/NA	Solid	8021B	50519
LCS 880-50519/1-A	Lab Control Sample	Total/NA	Solid	8021B	50519
LCSD 880-50519/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	50519
880-26903-1 MS	SW-12	Total/NA	Solid	8021B	50519
880-26903-1 MSD	SW-12	Total/NA	Solid	8021B	50519

Analysis Batch: 50561

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-26903-11	OB-32	Total/NA	Solid	8021B	50563
880-26903-12	OB-33	Total/NA	Solid	8021B	50563
880-26903-13	OB-34	Total/NA	Solid	8021B	50563
880-26903-14	OB-35	Total/NA	Solid	8021B	50563
880-26903-15	OB-36	Total/NA	Solid	8021B	50563
880-26903-16	OB-37	Total/NA	Solid	8021B	50563
880-26903-17	OB-38	Total/NA	Solid	8021B	50563
880-26903-18	OB-39	Total/NA	Solid	8021B	50563
MB 880-50563/5-A	Method Blank	Total/NA	Solid	8021B	50563
LCS 880-50563/1-A	Lab Control Sample	Total/NA	Solid	8021B	50563
LCSD 880-50563/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	50563
880-26903-11 MS	OB-32	Total/NA	Solid	8021B	50563
880-26903-11 MSD	OB-32	Total/NA	Solid	8021B	50563

Eurofins Midland

QC Association Summary

Client: TRC Solutions, Inc.
Project/Site: SRO 5 State 506/507

Job ID: 880-26903-1
SDG: Loving, NM

GC VOA

Prep Batch: 50563

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-26903-11	OB-32	Total/NA	Solid	5035	
880-26903-12	OB-33	Total/NA	Solid	5035	
880-26903-13	OB-34	Total/NA	Solid	5035	
880-26903-14	OB-35	Total/NA	Solid	5035	
880-26903-15	OB-36	Total/NA	Solid	5035	
880-26903-16	OB-37	Total/NA	Solid	5035	
880-26903-17	OB-38	Total/NA	Solid	5035	
880-26903-18	OB-39	Total/NA	Solid	5035	
MB 880-50563/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-50563/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-50563/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-26903-11 MS	OB-32	Total/NA	Solid	5035	
880-26903-11 MSD	OB-32	Total/NA	Solid	5035	

Analysis Batch: 50621

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-26903-20	TB-04062023	Total/NA	Water	8021B	
MB 880-50621/8	Method Blank	Total/NA	Water	8021B	
LCS 880-50621/3	Lab Control Sample	Total/NA	Water	8021B	
LCSD 880-50621/4	Lab Control Sample Dup	Total/NA	Water	8021B	
880-26519-A-1 MS	Matrix Spike	Total/NA	Water	8021B	
880-26519-A-1 MSD	Matrix Spike Duplicate	Total/NA	Water	8021B	

Analysis Batch: 50665

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-26903-1	SW-12	Total/NA	Solid	Total BTEX	
880-26903-2	SW-13	Total/NA	Solid	Total BTEX	
880-26903-3	FL-19 @ 6'	Total/NA	Solid	Total BTEX	
880-26903-4	FL-20 @ 6'	Total/NA	Solid	Total BTEX	
880-26903-5	FL-21 @ 6'	Total/NA	Solid	Total BTEX	
880-26903-6	OB-27	Total/NA	Solid	Total BTEX	
880-26903-7	OB-28	Total/NA	Solid	Total BTEX	
880-26903-8	OB-29	Total/NA	Solid	Total BTEX	
880-26903-9	OB-30	Total/NA	Solid	Total BTEX	
880-26903-10	OB-31	Total/NA	Solid	Total BTEX	
880-26903-11	OB-32	Total/NA	Solid	Total BTEX	
880-26903-12	OB-33	Total/NA	Solid	Total BTEX	
880-26903-13	OB-34	Total/NA	Solid	Total BTEX	
880-26903-14	OB-35	Total/NA	Solid	Total BTEX	
880-26903-15	OB-36	Total/NA	Solid	Total BTEX	
880-26903-16	OB-37	Total/NA	Solid	Total BTEX	
880-26903-17	OB-38	Total/NA	Solid	Total BTEX	
880-26903-18	OB-39	Total/NA	Solid	Total BTEX	
880-26903-20	TB-04062023	Total/NA	Water	Total BTEX	

GC Semi VOA

Prep Batch: 50555

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-26903-1	SW-12	Total/NA	Solid	8015NM Prep	
880-26903-2	SW-13	Total/NA	Solid	8015NM Prep	

Eurofins Midland

QC Association Summary

Client: TRC Solutions, Inc.
Project/Site: SRO 5 State 506/507

Job ID: 880-26903-1
SDG: Loving, NM

GC Semi VOA (Continued)

Prep Batch: 50555 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-26903-3	FL-19 @ 6'	Total/NA	Solid	8015NM Prep	
880-26903-4	FL-20 @ 6'	Total/NA	Solid	8015NM Prep	
880-26903-5	FL-21 @ 6'	Total/NA	Solid	8015NM Prep	
880-26903-6	OB-27	Total/NA	Solid	8015NM Prep	
880-26903-7	OB-28	Total/NA	Solid	8015NM Prep	
880-26903-8	OB-29	Total/NA	Solid	8015NM Prep	
880-26903-9	OB-30	Total/NA	Solid	8015NM Prep	
880-26903-10	OB-31	Total/NA	Solid	8015NM Prep	
880-26903-11	OB-32	Total/NA	Solid	8015NM Prep	
880-26903-12	OB-33	Total/NA	Solid	8015NM Prep	
880-26903-13	OB-34	Total/NA	Solid	8015NM Prep	
880-26903-14	OB-35	Total/NA	Solid	8015NM Prep	
880-26903-15	OB-36	Total/NA	Solid	8015NM Prep	
880-26903-16	OB-37	Total/NA	Solid	8015NM Prep	
880-26903-17	OB-38	Total/NA	Solid	8015NM Prep	
880-26903-18	OB-39	Total/NA	Solid	8015NM Prep	
MB 880-50555/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-50555/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-50555/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-26903-1 MS	SW-12	Total/NA	Solid	8015NM Prep	
880-26903-1 MSD	SW-12	Total/NA	Solid	8015NM Prep	

Analysis Batch: 50570

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-26903-1	SW-12	Total/NA	Solid	8015B NM	50555
880-26903-2	SW-13	Total/NA	Solid	8015B NM	50555
880-26903-3	FL-19 @ 6'	Total/NA	Solid	8015B NM	50555
880-26903-4	FL-20 @ 6'	Total/NA	Solid	8015B NM	50555
880-26903-5	FL-21 @ 6'	Total/NA	Solid	8015B NM	50555
880-26903-6	OB-27	Total/NA	Solid	8015B NM	50555
880-26903-7	OB-28	Total/NA	Solid	8015B NM	50555
880-26903-8	OB-29	Total/NA	Solid	8015B NM	50555
880-26903-9	OB-30	Total/NA	Solid	8015B NM	50555
880-26903-10	OB-31	Total/NA	Solid	8015B NM	50555
880-26903-11	OB-32	Total/NA	Solid	8015B NM	50555
880-26903-12	OB-33	Total/NA	Solid	8015B NM	50555
880-26903-13	OB-34	Total/NA	Solid	8015B NM	50555
880-26903-14	OB-35	Total/NA	Solid	8015B NM	50555
880-26903-15	OB-36	Total/NA	Solid	8015B NM	50555
880-26903-16	OB-37	Total/NA	Solid	8015B NM	50555
880-26903-17	OB-38	Total/NA	Solid	8015B NM	50555
880-26903-18	OB-39	Total/NA	Solid	8015B NM	50555
MB 880-50555/1-A	Method Blank	Total/NA	Solid	8015B NM	50555
LCS 880-50555/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	50555
LCSD 880-50555/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	50555
880-26903-1 MS	SW-12	Total/NA	Solid	8015B NM	50555
880-26903-1 MSD	SW-12	Total/NA	Solid	8015B NM	50555

Analysis Batch: 50688

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-26903-1	SW-12	Total/NA	Solid	8015 NM	

Eurofins Midland

QC Association Summary

Client: TRC Solutions, Inc.
Project/Site: SRO 5 State 506/507

Job ID: 880-26903-1
SDG: Loving, NM

GC Semi VOA (Continued)

Analysis Batch: 50688 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-26903-2	SW-13	Total/NA	Solid	8015 NM	
880-26903-3	FL-19 @ 6'	Total/NA	Solid	8015 NM	
880-26903-4	FL-20 @ 6'	Total/NA	Solid	8015 NM	
880-26903-5	FL-21 @ 6'	Total/NA	Solid	8015 NM	
880-26903-6	OB-27	Total/NA	Solid	8015 NM	
880-26903-7	OB-28	Total/NA	Solid	8015 NM	
880-26903-8	OB-29	Total/NA	Solid	8015 NM	
880-26903-9	OB-30	Total/NA	Solid	8015 NM	
880-26903-10	OB-31	Total/NA	Solid	8015 NM	
880-26903-11	OB-32	Total/NA	Solid	8015 NM	
880-26903-12	OB-33	Total/NA	Solid	8015 NM	
880-26903-13	OB-34	Total/NA	Solid	8015 NM	
880-26903-14	OB-35	Total/NA	Solid	8015 NM	
880-26903-15	OB-36	Total/NA	Solid	8015 NM	
880-26903-16	OB-37	Total/NA	Solid	8015 NM	
880-26903-17	OB-38	Total/NA	Solid	8015 NM	
880-26903-18	OB-39	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 50550

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-26903-1	SW-12	Soluble	Solid	DI Leach	
880-26903-2	SW-13	Soluble	Solid	DI Leach	
880-26903-3	FL-19 @ 6'	Soluble	Solid	DI Leach	
880-26903-4	FL-20 @ 6'	Soluble	Solid	DI Leach	
880-26903-5	FL-21 @ 6'	Soluble	Solid	DI Leach	
880-26903-6	OB-27	Soluble	Solid	DI Leach	
880-26903-7	OB-28	Soluble	Solid	DI Leach	
880-26903-8	OB-29	Soluble	Solid	DI Leach	
880-26903-9	OB-30	Soluble	Solid	DI Leach	
880-26903-10	OB-31	Soluble	Solid	DI Leach	
880-26903-11	OB-32	Soluble	Solid	DI Leach	
880-26903-12	OB-33	Soluble	Solid	DI Leach	
880-26903-13	OB-34	Soluble	Solid	DI Leach	
880-26903-14	OB-35	Soluble	Solid	DI Leach	
880-26903-15	OB-36	Soluble	Solid	DI Leach	
880-26903-16	OB-37	Soluble	Solid	DI Leach	
880-26903-17	OB-38	Soluble	Solid	DI Leach	
880-26903-18	OB-39	Soluble	Solid	DI Leach	
MB 880-50550/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-50550/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-50550/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-26903-1 MS	SW-12	Soluble	Solid	DI Leach	
880-26903-1 MSD	SW-12	Soluble	Solid	DI Leach	
880-26903-11 MS	OB-32	Soluble	Solid	DI Leach	
880-26903-11 MSD	OB-32	Soluble	Solid	DI Leach	

Analysis Batch: 50609

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-26903-1	SW-12	Soluble	Solid	300.0	50550

Eurofins Midland

QC Association Summary

Client: TRC Solutions, Inc.
Project/Site: SRO 5 State 506/507

Job ID: 880-26903-1
SDG: Loving, NM

HPLC/IC (Continued)

Analysis Batch: 50609 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-26903-2	SW-13	Soluble	Solid	300.0	50550
880-26903-3	FL-19 @ 6'	Soluble	Solid	300.0	50550
880-26903-4	FL-20 @ 6'	Soluble	Solid	300.0	50550
880-26903-5	FL-21 @ 6'	Soluble	Solid	300.0	50550
880-26903-6	OB-27	Soluble	Solid	300.0	50550
880-26903-7	OB-28	Soluble	Solid	300.0	50550
880-26903-8	OB-29	Soluble	Solid	300.0	50550
880-26903-9	OB-30	Soluble	Solid	300.0	50550
880-26903-10	OB-31	Soluble	Solid	300.0	50550
880-26903-11	OB-32	Soluble	Solid	300.0	50550
880-26903-12	OB-33	Soluble	Solid	300.0	50550
880-26903-13	OB-34	Soluble	Solid	300.0	50550
880-26903-14	OB-35	Soluble	Solid	300.0	50550
880-26903-15	OB-36	Soluble	Solid	300.0	50550
880-26903-16	OB-37	Soluble	Solid	300.0	50550
880-26903-17	OB-38	Soluble	Solid	300.0	50550
880-26903-18	OB-39	Soluble	Solid	300.0	50550
MB 880-50550/1-A	Method Blank	Soluble	Solid	300.0	50550
LCS 880-50550/2-A	Lab Control Sample	Soluble	Solid	300.0	50550
LCSD 880-50550/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	50550
880-26903-1 MS	SW-12	Soluble	Solid	300.0	50550
880-26903-1 MSD	SW-12	Soluble	Solid	300.0	50550
880-26903-11 MS	OB-32	Soluble	Solid	300.0	50550
880-26903-11 MSD	OB-32	Soluble	Solid	300.0	50550

Lab Chronicle

Client: TRC Solutions, Inc.
Project/Site: SRO 5 State 506/507

Job ID: 880-26903-1
SDG: Loving, NM

Client Sample ID: SW-12

Lab Sample ID: 880-26903-1

Date Collected: 04/05/23 13:25

Matrix: Solid

Date Received: 04/06/23 16:05

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 mL	50519	04/07/23 08:11	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	50556	04/07/23 13:24	SM	EET MID
Total/NA	Analysis	Total BTEX		1			50665	04/08/23 09:20	SM	EET MID
Total/NA	Analysis	8015 NM		1			50688	04/08/23 12:05	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	50555	04/06/23 17:46	SM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	50570	04/07/23 10:49	SM	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	50550	04/06/23 16:44	KS	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	50609	04/06/23 19:00	SMC	EET MID

Client Sample ID: SW-13

Lab Sample ID: 880-26903-2

Date Collected: 04/05/23 13:30

Matrix: Solid

Date Received: 04/06/23 16:05

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	50519	04/07/23 08:11	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	50556	04/07/23 13:44	SM	EET MID
Total/NA	Analysis	Total BTEX		1			50665	04/08/23 09:20	SM	EET MID
Total/NA	Analysis	8015 NM		1			50688	04/08/23 12:05	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	50555	04/06/23 17:46	SM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	50570	04/07/23 11:54	SM	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	50550	04/06/23 16:44	KS	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	50609	04/06/23 19:14	SMC	EET MID

Client Sample ID: FL-19 @ 6'

Lab Sample ID: 880-26903-3

Date Collected: 04/05/23 13:35

Matrix: Solid

Date Received: 04/06/23 16:05

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 mL	50519	04/07/23 08:11	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	50556	04/07/23 14:05	SM	EET MID
Total/NA	Analysis	Total BTEX		1			50665	04/08/23 09:20	SM	EET MID
Total/NA	Analysis	8015 NM		1			50688	04/08/23 12:05	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	50555	04/06/23 17:46	SM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	50570	04/07/23 12:37	SM	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	50550	04/06/23 16:44	KS	EET MID
Soluble	Analysis	300.0		10	50 mL	50 mL	50609	04/06/23 19:19	SMC	EET MID

Client Sample ID: FL-20 @ 6'

Lab Sample ID: 880-26903-4

Date Collected: 04/05/23 13:40

Matrix: Solid

Date Received: 04/06/23 16:05

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 mL	50519	04/07/23 08:11	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	50556	04/07/23 14:26	SM	EET MID
Total/NA	Analysis	Total BTEX		1			50665	04/08/23 09:20	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: TRC Solutions, Inc.
Project/Site: SRO 5 State 506/507

Job ID: 880-26903-1
SDG: Loving, NM

Client Sample ID: FL-20 @ 6'

Lab Sample ID: 880-26903-4

Date Collected: 04/05/23 13:40

Matrix: Solid

Date Received: 04/06/23 16:05

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			50688	04/08/23 12:05	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	50555	04/06/23 17:46	SM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	50570	04/07/23 12:59	SM	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	50550	04/06/23 16:44	KS	EET MID
Soluble	Analysis	300.0		10	50 mL	50 mL	50609	04/06/23 19:24	SMC	EET MID

Client Sample ID: FL-21 @ 6'

Lab Sample ID: 880-26903-5

Date Collected: 04/05/23 13:45

Matrix: Solid

Date Received: 04/06/23 16:05

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 mL	50519	04/07/23 08:11	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	50556	04/07/23 14:46	SM	EET MID
Total/NA	Analysis	Total BTEX		1			50665	04/08/23 09:20	SM	EET MID
Total/NA	Analysis	8015 NM		1			50688	04/08/23 12:05	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	50555	04/06/23 17:46	SM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	50570	04/07/23 13:21	SM	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	50550	04/06/23 16:44	KS	EET MID
Soluble	Analysis	300.0		10	50 mL	50 mL	50609	04/06/23 19:29	SMC	EET MID

Client Sample ID: OB-27

Lab Sample ID: 880-26903-6

Date Collected: 04/06/23 08:00

Matrix: Solid

Date Received: 04/06/23 16:05

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 mL	50519	04/07/23 08:11	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	50556	04/07/23 15:06	SM	EET MID
Total/NA	Analysis	Total BTEX		1			50665	04/08/23 09:20	SM	EET MID
Total/NA	Analysis	8015 NM		1			50688	04/08/23 12:05	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	50555	04/06/23 17:46	SM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	50570	04/07/23 13:42	SM	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	50550	04/06/23 16:44	KS	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	50609	04/06/23 19:43	SMC	EET MID

Client Sample ID: OB-28

Lab Sample ID: 880-26903-7

Date Collected: 04/06/23 08:10

Matrix: Solid

Date Received: 04/06/23 16:05

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	50519	04/07/23 08:11	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	50556	04/07/23 15:27	SM	EET MID
Total/NA	Analysis	Total BTEX		1			50665	04/08/23 09:20	SM	EET MID
Total/NA	Analysis	8015 NM		1			50688	04/08/23 12:05	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	50555	04/06/23 17:46	SM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	50570	04/07/23 14:04	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: TRC Solutions, Inc.
Project/Site: SRO 5 State 506/507

Job ID: 880-26903-1
SDG: Loving, NM

Client Sample ID: OB-28

Lab Sample ID: 880-26903-7

Date Collected: 04/06/23 08:10

Matrix: Solid

Date Received: 04/06/23 16:05

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.01 g	50 mL	50550	04/06/23 16:44	KS	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	50609	04/06/23 19:48	SMC	EET MID

Client Sample ID: OB-29

Lab Sample ID: 880-26903-8

Date Collected: 04/06/23 08:20

Matrix: Solid

Date Received: 04/06/23 16:05

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 mL	50519	04/07/23 08:11	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	50556	04/07/23 15:48	SM	EET MID
Total/NA	Analysis	Total BTEX		1			50665	04/08/23 09:20	SM	EET MID
Total/NA	Analysis	8015 NM		1			50688	04/08/23 12:05	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	50555	04/06/23 17:46	SM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	50570	04/07/23 14:25	SM	EET MID
Soluble	Leach	DI Leach			5 g	50 mL	50550	04/06/23 16:44	KS	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	50609	04/06/23 19:53	SMC	EET MID

Client Sample ID: OB-30

Lab Sample ID: 880-26903-9

Date Collected: 04/06/23 08:30

Matrix: Solid

Date Received: 04/06/23 16:05

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 mL	50519	04/07/23 08:11	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	50556	04/07/23 16:08	SM	EET MID
Total/NA	Analysis	Total BTEX		1			50665	04/08/23 09:20	SM	EET MID
Total/NA	Analysis	8015 NM		1			50688	04/08/23 12:05	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	50555	04/06/23 17:46	SM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	50570	04/07/23 14:47	SM	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	50550	04/06/23 16:44	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	50609	04/06/23 19:58	SMC	EET MID

Client Sample ID: OB-31

Lab Sample ID: 880-26903-10

Date Collected: 04/06/23 08:40

Matrix: Solid

Date Received: 04/06/23 16:05

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 mL	50519	04/07/23 08:11	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	50556	04/07/23 16:29	SM	EET MID
Total/NA	Analysis	Total BTEX		1			50665	04/08/23 09:20	SM	EET MID
Total/NA	Analysis	8015 NM		1			50688	04/08/23 12:05	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	50555	04/06/23 17:46	SM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	50570	04/07/23 15:32	SM	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	50550	04/06/23 16:44	KS	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	50609	04/06/23 20:02	SMC	EET MID

Eurofins Midland

Lab Chronicle

Client: TRC Solutions, Inc.
Project/Site: SRO 5 State 506/507

Job ID: 880-26903-1
SDG: Loving, NM

Client Sample ID: OB-32
Date Collected: 04/06/23 08:50
Date Received: 04/06/23 16:05

Lab Sample ID: 880-26903-11
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	50563	04/07/23 08:54	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	50561	04/07/23 15:13	SM	EET MID
Total/NA	Analysis	Total BTEX		1			50665	04/08/23 09:47	SM	EET MID
Total/NA	Analysis	8015 NM		1			50688	04/08/23 12:05	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	50555	04/06/23 17:46	SM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	50570	04/07/23 15:54	SM	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	50550	04/06/23 16:44	KS	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	50609	04/06/23 20:07	SMC	EET MID

Client Sample ID: OB-33
Date Collected: 04/06/23 09:00
Date Received: 04/06/23 16:05

Lab Sample ID: 880-26903-12
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	50563	04/07/23 08:54	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	50561	04/07/23 15:34	SM	EET MID
Total/NA	Analysis	Total BTEX		1			50665	04/08/23 09:47	SM	EET MID
Total/NA	Analysis	8015 NM		1			50688	04/08/23 12:05	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	50555	04/06/23 17:46	SM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	50570	04/07/23 16:16	SM	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	50550	04/06/23 16:44	KS	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	50609	04/06/23 20:22	SMC	EET MID

Client Sample ID: OB-34
Date Collected: 04/06/23 09:30
Date Received: 04/06/23 16:05

Lab Sample ID: 880-26903-13
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	50563	04/07/23 08:54	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	50561	04/07/23 15:55	SM	EET MID
Total/NA	Analysis	Total BTEX		1			50665	04/08/23 09:47	SM	EET MID
Total/NA	Analysis	8015 NM		1			50688	04/08/23 12:05	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	50555	04/06/23 17:46	SM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	50570	04/07/23 16:39	SM	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	50550	04/06/23 16:44	KS	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	50609	04/06/23 20:27	SMC	EET MID

Client Sample ID: OB-35
Date Collected: 04/06/23 09:40
Date Received: 04/06/23 16:05

Lab Sample ID: 880-26903-14
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	50563	04/07/23 08:54	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	50561	04/07/23 16:15	SM	EET MID
Total/NA	Analysis	Total BTEX		1			50665	04/08/23 09:47	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: TRC Solutions, Inc.
Project/Site: SRO 5 State 506/507

Job ID: 880-26903-1
SDG: Loving, NM

Client Sample ID: OB-35
Date Collected: 04/06/23 09:40
Date Received: 04/06/23 16:05

Lab Sample ID: 880-26903-14
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	8015 NM		1			50688	04/08/23 12:05	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	50555	04/06/23 17:46	SM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	50570	04/07/23 17:01	SM	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	50550	04/06/23 16:44	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	50609	04/07/23 13:41	SMC	EET MID

Client Sample ID: OB-36
Date Collected: 04/06/23 09:50
Date Received: 04/06/23 16:05

Lab Sample ID: 880-26903-15
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	50563	04/07/23 08:54	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	50561	04/07/23 16:36	SM	EET MID
Total/NA	Analysis	Total BTEX		1			50665	04/08/23 09:47	SM	EET MID
Total/NA	Analysis	8015 NM		1			50688	04/08/23 12:05	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	50555	04/06/23 17:46	SM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	50570	04/07/23 17:23	SM	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	50550	04/06/23 16:44	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	50609	04/07/23 13:46	SMC	EET MID

Client Sample ID: OB-37
Date Collected: 04/06/23 10:00
Date Received: 04/06/23 16:05

Lab Sample ID: 880-26903-16
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	50563	04/07/23 08:54	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	50561	04/07/23 16:57	SM	EET MID
Total/NA	Analysis	Total BTEX		1			50665	04/08/23 09:47	SM	EET MID
Total/NA	Analysis	8015 NM		1			50688	04/08/23 12:05	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	50555	04/06/23 17:46	SM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	50570	04/07/23 17:45	SM	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	50550	04/06/23 16:44	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	50609	04/07/23 13:51	SMC	EET MID

Client Sample ID: OB-38
Date Collected: 04/06/23 10:20
Date Received: 04/06/23 16:05

Lab Sample ID: 880-26903-17
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	50563	04/07/23 08:54	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	50561	04/07/23 17:18	SM	EET MID
Total/NA	Analysis	Total BTEX		1			50665	04/08/23 09:47	SM	EET MID
Total/NA	Analysis	8015 NM		1			50688	04/08/23 12:05	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	50555	04/06/23 17:46	SM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	50570	04/07/23 18:06	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: TRC Solutions, Inc.
Project/Site: SRO 5 State 506/507

Job ID: 880-26903-1
SDG: Loving, NM

Client Sample ID: OB-38
Date Collected: 04/06/23 10:20
Date Received: 04/06/23 16:05

Lab Sample ID: 880-26903-17
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			4.97 g	50 mL	50550	04/06/23 16:44	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	50609	04/07/23 13:56	SMC	EET MID

Client Sample ID: OB-39
Date Collected: 04/06/23 10:30
Date Received: 04/06/23 16:05

Lab Sample ID: 880-26903-18
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	50563	04/07/23 08:54	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	50561	04/07/23 17:38	SM	EET MID
Total/NA	Analysis	Total BTEX		1			50665	04/08/23 09:47	SM	EET MID
Total/NA	Analysis	8015 NM		1			50688	04/08/23 12:05	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	50555	04/06/23 17:46	SM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	50570	04/07/23 18:27	SM	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	50550	04/06/23 16:44	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	50609	04/07/23 14:00	SMC	EET MID

Client Sample ID: TB-04062023
Date Collected: 04/06/23 10:00
Date Received: 04/06/23 16:05

Lab Sample ID: 880-26903-20
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	8021B		1	5 mL	5 mL	50621	04/07/23 16:16	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			50665	04/10/23 10:29	SM	EET MID

Laboratory References:
EET MID = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

Accreditation/Certification Summary

Client: TRC Solutions, Inc.
Project/Site: SRO 5 State 506/507

Job ID: 880-26903-1
SDG: Loving, NM

Laboratory: Eurofins Midland

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

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704400-22-25	06-30-23

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
8015 NM		Solid	Total TPH
Total BTEX		Solid	Total BTEX
Total BTEX		Water	Total BTEX

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

Method Summary

Client: TRC Solutions, Inc.
Project/Site: SRO 5 State 506/507

Job ID: 880-26903-1
SDG: Loving, NM

Method	Method Description	Protocol	Laboratory
8021B	Volatile Organic Compounds (GC)	SW846	EET MID
Total BTEX	Total BTEX Calculation	TAL SOP	EET MID
8015 NM	Diesel Range Organics (DRO) (GC)	SW846	EET MID
8015B NM	Diesel Range Organics (DRO) (GC)	SW846	EET MID
300.0	Anions, Ion Chromatography	EPA	EET MID
5030B	Purge and Trap	SW846	EET MID
5035	Closed System Purge and Trap	SW846	EET MID
8015NM Prep	Microextraction	SW846	EET MID
DI Leach	Deionized Water Leaching Procedure	ASTM	EET MID

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.
- TAL SOP = TestAmerica Laboratories, Standard Operating Procedure

Laboratory References:

- EET MID = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

Sample Summary

Client: TRC Solutions, Inc.
Project/Site: SRO 5 State 506/507

Job ID: 880-26903-1
SDG: Loving, NM

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Depth
880-26903-1	SW-12	Solid	04/05/23 13:25	04/06/23 16:05	
880-26903-2	SW-13	Solid	04/05/23 13:30	04/06/23 16:05	
880-26903-3	FL-19 @ 6'	Solid	04/05/23 13:35	04/06/23 16:05	6'
880-26903-4	FL-20 @ 6'	Solid	04/05/23 13:40	04/06/23 16:05	6'
880-26903-5	FL-21 @ 6'	Solid	04/05/23 13:45	04/06/23 16:05	6'
880-26903-6	OB-27	Solid	04/06/23 08:00	04/06/23 16:05	
880-26903-7	OB-28	Solid	04/06/23 08:10	04/06/23 16:05	
880-26903-8	OB-29	Solid	04/06/23 08:20	04/06/23 16:05	
880-26903-9	OB-30	Solid	04/06/23 08:30	04/06/23 16:05	
880-26903-10	OB-31	Solid	04/06/23 08:40	04/06/23 16:05	
880-26903-11	OB-32	Solid	04/06/23 08:50	04/06/23 16:05	
880-26903-12	OB-33	Solid	04/06/23 09:00	04/06/23 16:05	
880-26903-13	OB-34	Solid	04/06/23 09:30	04/06/23 16:05	
880-26903-14	OB-35	Solid	04/06/23 09:40	04/06/23 16:05	
880-26903-15	OB-36	Solid	04/06/23 09:50	04/06/23 16:05	
880-26903-16	OB-37	Solid	04/06/23 10:00	04/06/23 16:05	
880-26903-17	OB-38	Solid	04/06/23 10:20	04/06/23 16:05	
880-26903-18	OB-39	Solid	04/06/23 10:30	04/06/23 16:05	
880-26903-20	TB-04062023	Water	04/06/23 10:00	04/06/23 16:05	



880-26903 Chain of Custody

www.xenco.com Page 1 of 2

Page 1 of 2



Chain of Custody

Houston, TX (281) 240-4200 Dallas, TX (214) 902-0300
Midland TX (432) 704-5440, San Antonio, TX (210) 509-3334
El Paso TX (915) 585-3443 Lubbock, TX (806) 794-1296
Hobbs, NM (575) 392-7550 Carlsbad, NM (575) 988-3199

Enviados por Xerox

Project Manager: Jared Steffel		Bill to: (if different)		Work Order Comments	
Company Name: TRC		Company Name:		Program: ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund	
Address: 10 Dexter Dr. Ste 1306		Address:		State of Project: NM	
City, State Zip: Midland TX 79705		City, State Zip:		Reporting Level I ☐ Level III ☐ PST/UST ☐ TRRP ☐ Level IV ☐	
Phone: 432-238-3003		Email: Jared.Mitchell@TRC.com		Deliverables: ☐ EDD ☐ ADaPT ☐ Other	

Project Name: 820 S State 506/507		ANALYSIS REQUEST										Preservative Codes			
Project Number: 450169		Turn Around												None NO DI Water H ₂ O	
Project Location: Loving, NM		☐ Routine ☒ Rush												Cool Cool MeOH Me	
Sampler's Name: Michael Boyer		Due Date:												HCL, HC HNO ₃ HN	
PO #		TAT starts the day received by the lab, if received by 4:30pm												H ₂ SO ₄ H ₂ NaOH Na	

SAMPLE RECEIPT		Temp Blank		Yes (No)		Wet Ice		Yes (No)		Parameters		# of Cont	
Samples Received Intact:		Yes / No		Thermometer ID		Correction Factor		Temperature Reading		Corrected Temperature		Grab/Comp	
Cooler Custody Seals:		Yes No		N/A		-0.3		41		3.8		C	
Sample Custody Seals:		Yes No		N/A									
Total Containers:													

Sample Identification	Matrix	Date Sampled	Time Sampled	Depth	Grab/Comp	# of Cont	Sample Comments
SW-12	SS	7/15/23	1325	-	C	1	
SW-13			1330	-		1	
FL-1906'			1335	6'		1	
FL-2006'			1340	6'		1	
FL-2106'			1345	6'		1	
OB-27		7/16/23	0800	-		1	
OB-28			0810	-		1	
OB-29			0820	-		1	
OB-30			0830	-		1	
OB-31			0840	-		1	

Total 200.7 / 6010		200.8 / 6020:		8RCRA 13PPM Texas 11 Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO ₂ Na Sr Ti Sn U V Zn									
Circle Method(s) and Metal(s) to be analyzed		TCLP / SPLP 6010		8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Ti U Hg 1631 / 2411 / 7470 / 7471									

Notice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Eurofins Xenco, its affiliates and subcontractors. It assigns standard terms and conditions of service. Eurofins Xenco will be liable only for the cost of samples and shall not assume any responsibility for any losses or expenses incurred by the client if such losses are due to circumstances beyond the control of Eurofins Xenco. A minimum charge of \$85.00 will be applied to each project and a charge of \$5 for each sample submitted to Eurofins Xenco, but not analyzed. These terms will be enforced unless previously negotiated.

	Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1	<i>David Bryant</i>		4-6-23 11:30 AM	2		
3				4		
5				6		

Revised Date: 08/25/2020 Rev 2020 2

Chain of Custody

Houston, TX (281) 240-4200, Dallas, TX (214) 902-0300
Midland, TX (432) 704-5440, San Antonio, TX (210) 509-3334
El Paso, TX (915) 585-3443 Lubbock, TX (806) 794-1296
Hobbs, NM (575) 392-7550, Carlsbad, NM (575) 988-3199



Environmental Test & Control
Xenco

Work Order No: 26903

www.xenco.com Page 2 of 2

Project Manager	Bill to (if different)	Company Name	Address	City, State ZIP	Email
Jared Stapp		TAC	10 Decker Dr. Ste 130E	Midland, TX 79705	432-236-3003
Company Name	Company Name	Address	City, State ZIP	Email	
Jared Stapp	Jared Stapp	Jared Stapp	Jared Stapp	Jared Stapp	Jared Stapp

Project Name	Turn Around	Pres. Code
SKO 5 State SP6/507	☒ Routine ☐ Rush	
Project Number	Due Date	
450169		
Project Location	TAT starts the day received by the lab, if received by 4:30pm	
Loving, NM		
Sampler's Name	Temp Blank	Yes (No)
Misti Beyer	Yes (No)	Yes (No)
	Thermometer ID	12-8
	Correction Factor	-0.3
	Temperature Reading	41
	Corrected Temperature	38

SAMPLE RECEIPT										ANALYSIS REQUEST										Preservative Codes			
Project Name:		SL05 2nd St 506/507		Turn Around		Routine		Pres. Code										None NO		DI Water: H ₂ O			
Project Number:		450169		Due Date:		TAT starts the day received by the lab, if received by 4:30pm												Cool Cool		MeOH Me			
Project Location:		Livingston, NM																HCL HC		HNO ₃ HN			
Sampler's Name:		M. Sidi Beyrou																H ₂ SO ₄ H ₂		NaOH Na			
PO #																		H ₃ PO ₄ HP					
Samples Received Intact:		Temp Blank:		Yes (No)		Wet Ice:		Yes (No)										NaHSO ₄ NABIS					
Cooler Custody Seals:		Yes No		Thermometer ID		Correction Factor		-0.3										Na ₂ S ₂ O ₃ NaSO ₃					
Sample Custody Seals:		Yes No		Temperature Reading		Corrected Temperature:		3.8										Zn Acetate+NaOH Zn					
Total Containers:																		NaOH+Ascorbic Acid SPC					
Sample Identification										Matrix		Date Sampled		Time Sampled		Depth		Grab/Comp		# of Cont		Sample Comments	
0B-32										S		4/16/23		0850		-		C		1		X	
0B-33										S		4/16/23		0900		-		C		1		X	
0B-34										S		4/16/23		0930		-		C		1		X	
0B-35										S		4/16/23		0940		-		C		1		X	
0B-36										S		4/16/23		0950		-		C		1		X	
0B-37										S		4/16/23		1000		-		C		1		X	
0B-38										S		4/16/23		1020		-		C		1		X	
0B-39										S		4/16/23		1030		-		C		1		X	
0B-04062023										W		4/16/23		1100		-		C		2		X	
Loc: 880																							
26903																							

Total 200.7 / 6010	2008 / 6020:	8RCRA 13PPM Texas 11	Al Sb As Ba Be B Cd Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO ₂ Na Sr Ti Sn U V Zn
Circle Method(s) and Metal(s) to be analyzed	TCLP / SPLP 6010	8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Ti U	Hg 1631 / 2451 / 7470 / 7471

Notice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Eurofins Xenco, its affiliates and subcontractors. It assigns standard terms and conditions of service. Eurofins Xenco will be liable only for the cost of samples and shall not assume any responsibility for any losses or expenses incurred by the client if such losses are due to circumstances beyond the control of Eurofins Xenco. A minimum charge of \$85.00 will be applied to each project and a charge of \$5 for each sample submitted to Eurofins Xenco but not analyzed. These terms will be enforced unless previously negotiated.

Relinquished by (Signature)	Received by (Signature)	Date/Time	Relinquished by (Signature)	Received by (Signature)	Date/Time
Misti Beyer		4-16-23 11:30AM			
		1605			

Revised Date: 08/25/2020 Rev. 2020.2

Login Sample Receipt Checklist

Client: TRC Solutions, Inc.

Job Number: 880-26903-1

SDG Number: Loving, NM

Login Number: 26903

List Number: 1

Creator: Rodriguez, Leticia

List Source: Eurofins Midland

Question	Answer	Comment
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	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	



Environment Testing

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

ANALYTICAL REPORT

PREPARED FOR

Attn: Jared Stoffel
TRC Solutions, Inc.
10 Desta Drive
Suite #130E
Midland, Texas 79705

Generated 4/13/2023 12:58:39 PM

JOB DESCRIPTION

SRO 5 State 506/507
SDG NUMBER Loving, NM

JOB NUMBER

880-27063-1

Eurofins Midland
1211 W. Florida Ave
Midland TX 79701

Eurofins Midland

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.

Analytical test results meet all requirements of the associated regulatory program (i.e., NELAC (TNI), DoD, and ISO 17025) unless otherwise noted under the individual analysis.

Authorization



Generated
4/13/2023 12:58:39 PM

Authorized for release by
Jessica Kramer, Project Manager
Jessica.Kramer@et.eurofinsus.com
(432)704-5440

Client: TRC Solutions, Inc.
Project/Site: SRO 5 State 506/507

Laboratory Job ID: 880-27063-1
SDG: Loving, NM

Table of Contents

Cover Page	1
Table of Contents	3
Definitions/Glossary	4
Case Narrative	5
Client Sample Results	6
Surrogate Summary	11
QC Sample Results	13
QC Association Summary	19
Lab Chronicle	22
Certification Summary	24
Method Summary	25
Sample Summary	26
Chain of Custody	27
Receipt Checklists	28

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

Definitions/Glossary

Client: TRC Solutions, Inc.
Project/Site: SRO 5 State 506/507

Job ID: 880-27063-1
SDG: Loving, NM

Qualifiers

GC VOA

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

GC Semi VOA

Qualifier	Qualifier Description
S1+	Surrogate recovery exceeds control limits, high biased.
U	Indicates the analyte was analyzed for but not detected.

HPLC/IC

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

Glossary

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

Case Narrative

Client: TRC Solutions, Inc.
Project/Site: SRO 5 State 506/507

Job ID: 880-27063-1
SDG: Loving, NM

Job ID: 880-27063-1

Laboratory: Eurofins Midland

Narrative	
	Job Narrative 880-27063-1

Receipt

The samples were received on 4/11/2023 4:15 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 1.0°C

GC VOA

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

GC Semi VOA

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: (LCS 880-50958/2-A), (880-27063-A-6-B MS) and (880-27063-A-6-C MSD). Evidence of matrix interferences is not obvious.

Method 8015MOD_NM: The surrogate recovery for the blank associated with preparation batch 880-50958 and analytical batch 880-50962 was outside the upper control limits.

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

HPLC/IC

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

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

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: SRO 5 State 506/507

Job ID: 880-27063-1
SDG: Loving, NM

Client Sample ID: OB-40

Lab Sample ID: 880-27063-1

Date Collected: 04/11/23 10:30

Matrix: Solid

Date Received: 04/11/23 16:15

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		04/12/23 11:52	04/12/23 11:53	1
Toluene	<0.00200	U	0.00200	mg/Kg		04/12/23 11:52	04/12/23 11:53	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		04/12/23 11:52	04/12/23 11:53	1
m-Xylene & p-Xylene	<0.00401	U	0.00401	mg/Kg		04/12/23 11:52	04/12/23 11:53	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		04/12/23 11:52	04/12/23 11:53	1
Xylenes, Total	<0.00401	U	0.00401	mg/Kg		04/12/23 11:52	04/12/23 11:53	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	101		70 - 130	04/12/23 11:52	04/12/23 11:53	1
1,4-Difluorobenzene (Surr)	82		70 - 130	04/12/23 11:52	04/12/23 11:53	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401	mg/Kg			04/12/23 15:53	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0	mg/Kg			04/12/23 16:00	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0	mg/Kg		04/12/23 09:16	04/12/23 12:47	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		04/12/23 09:16	04/12/23 12:47	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		04/12/23 09:16	04/12/23 12:47	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	89		70 - 130	04/12/23 09:16	04/12/23 12:47	1
o-Terphenyl	106		70 - 130	04/12/23 09:16	04/12/23 12:47	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	430		25.0	mg/Kg			04/12/23 11:02	5

Client Sample ID: OB-41

Lab Sample ID: 880-27063-2

Date Collected: 04/11/23 10:35

Matrix: Solid

Date Received: 04/11/23 16:15

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199	mg/Kg		04/12/23 11:52	04/12/23 12:13	1
Toluene	<0.00199	U	0.00199	mg/Kg		04/12/23 11:52	04/12/23 12:13	1
Ethylbenzene	<0.00199	U	0.00199	mg/Kg		04/12/23 11:52	04/12/23 12:13	1
m-Xylene & p-Xylene	<0.00398	U	0.00398	mg/Kg		04/12/23 11:52	04/12/23 12:13	1
o-Xylene	<0.00199	U	0.00199	mg/Kg		04/12/23 11:52	04/12/23 12:13	1
Xylenes, Total	<0.00398	U	0.00398	mg/Kg		04/12/23 11:52	04/12/23 12:13	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	109		70 - 130	04/12/23 11:52	04/12/23 12:13	1
1,4-Difluorobenzene (Surr)	85		70 - 130	04/12/23 11:52	04/12/23 12:13	1

Eurofins Midland

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: SRO 5 State 506/507

Job ID: 880-27063-1
SDG: Loving, NM

Client Sample ID: OB-41

Lab Sample ID: 880-27063-2

Date Collected: 04/11/23 10:35

Matrix: Solid

Date Received: 04/11/23 16:15

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398	mg/Kg			04/12/23 15:53	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9	mg/Kg			04/12/23 16:00	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9	mg/Kg		04/12/23 09:16	04/12/23 13:10	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9	mg/Kg		04/12/23 09:16	04/12/23 13:10	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg		04/12/23 09:16	04/12/23 13:10	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	88		70 - 130			04/12/23 09:16	04/12/23 13:10	1
o-Terphenyl	104		70 - 130			04/12/23 09:16	04/12/23 13:10	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	347		24.8	mg/Kg			04/12/23 11:07	5

Client Sample ID: OB-42

Lab Sample ID: 880-27063-3

Date Collected: 04/11/23 10:40

Matrix: Solid

Date Received: 04/11/23 16:15

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		04/12/23 11:52	04/12/23 12:34	1
Toluene	<0.00200	U	0.00200	mg/Kg		04/12/23 11:52	04/12/23 12:34	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		04/12/23 11:52	04/12/23 12:34	1
m-Xylene & p-Xylene	<0.00399	U	0.00399	mg/Kg		04/12/23 11:52	04/12/23 12:34	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		04/12/23 11:52	04/12/23 12:34	1
Xylenes, Total	<0.00399	U	0.00399	mg/Kg		04/12/23 11:52	04/12/23 12:34	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	87		70 - 130			04/12/23 11:52	04/12/23 12:34	1
1,4-Difluorobenzene (Surr)	101		70 - 130			04/12/23 11:52	04/12/23 12:34	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399	mg/Kg			04/12/23 15:53	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8	mg/Kg			04/12/23 16:00	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8	mg/Kg		04/12/23 09:16	04/12/23 13:33	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8	mg/Kg		04/12/23 09:16	04/12/23 13:33	1

Eurofins Midland

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: SRO 5 State 506/507

Job ID: 880-27063-1
SDG: Loving, NM

Client Sample ID: OB-42

Lab Sample ID: 880-27063-3

Date Collected: 04/11/23 10:40

Matrix: Solid

Date Received: 04/11/23 16:15

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.8	U	49.8	mg/Kg		04/12/23 09:16	04/12/23 13:33	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	83		70 - 130			04/12/23 09:16	04/12/23 13:33	1
o-Terphenyl	99		70 - 130			04/12/23 09:16	04/12/23 13:33	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	313		25.1	mg/Kg			04/12/23 11:12	5

Client Sample ID: SW-14

Lab Sample ID: 880-27063-4

Date Collected: 04/11/23 10:00

Matrix: Solid

Date Received: 04/11/23 16:15

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199	mg/Kg		04/12/23 11:52	04/12/23 12:54	1
Toluene	<0.00199	U	0.00199	mg/Kg		04/12/23 11:52	04/12/23 12:54	1
Ethylbenzene	<0.00199	U	0.00199	mg/Kg		04/12/23 11:52	04/12/23 12:54	1
m-Xylene & p-Xylene	<0.00398	U	0.00398	mg/Kg		04/12/23 11:52	04/12/23 12:54	1
o-Xylene	<0.00199	U	0.00199	mg/Kg		04/12/23 11:52	04/12/23 12:54	1
Xylenes, Total	<0.00398	U	0.00398	mg/Kg		04/12/23 11:52	04/12/23 12:54	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	91		70 - 130			04/12/23 11:52	04/12/23 12:54	1
1,4-Difluorobenzene (Surr)	94		70 - 130			04/12/23 11:52	04/12/23 12:54	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398	mg/Kg			04/12/23 15:53	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0	mg/Kg			04/12/23 16:00	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0	mg/Kg		04/12/23 09:16	04/12/23 13:56	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		04/12/23 09:16	04/12/23 13:56	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		04/12/23 09:16	04/12/23 13:56	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	90		70 - 130			04/12/23 09:16	04/12/23 13:56	1
o-Terphenyl	109		70 - 130			04/12/23 09:16	04/12/23 13:56	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	588		5.00	mg/Kg			04/12/23 11:17	1

Eurofins Midland

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: SRO 5 State 506/507

Job ID: 880-27063-1
SDG: Loving, NM

Client Sample ID: TB-04112023

Lab Sample ID: 880-27063-5

Date Collected: 04/11/23 10:45

Matrix: Water

Date Received: 04/11/23 16:15

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/L			04/13/23 08:25	1
Toluene	<0.00200	U	0.00200	mg/L			04/13/23 08:25	1
Ethylbenzene	<0.00200	U	0.00200	mg/L			04/13/23 08:25	1
m-Xylene & p-Xylene	<0.00400	U	0.00400	mg/L			04/13/23 08:25	1
o-Xylene	<0.00200	U	0.00200	mg/L			04/13/23 08:25	1
Xylenes, Total	<0.00400	U	0.00400	mg/L			04/13/23 08:25	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	101		70 - 130		04/13/23 08:25	1
1,4-Difluorobenzene (Surr)	103		70 - 130		04/13/23 08:25	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00400	U	0.00400	mg/L			04/13/23 12:11	1

Client Sample ID: Dup-9

Lab Sample ID: 880-27063-6

Date Collected: 04/11/23 00:00

Matrix: Solid

Date Received: 04/11/23 16:15

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198	mg/Kg		04/12/23 11:52	04/12/23 13:15	1
Toluene	<0.00198	U	0.00198	mg/Kg		04/12/23 11:52	04/12/23 13:15	1
Ethylbenzene	<0.00198	U	0.00198	mg/Kg		04/12/23 11:52	04/12/23 13:15	1
m-Xylene & p-Xylene	<0.00396	U	0.00396	mg/Kg		04/12/23 11:52	04/12/23 13:15	1
o-Xylene	<0.00198	U	0.00198	mg/Kg		04/12/23 11:52	04/12/23 13:15	1
Xylenes, Total	<0.00396	U	0.00396	mg/Kg		04/12/23 11:52	04/12/23 13:15	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	116		70 - 130	04/12/23 11:52	04/12/23 13:15	1
1,4-Difluorobenzene (Surr)	86		70 - 130	04/12/23 11:52	04/12/23 13:15	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396	mg/Kg			04/12/23 15:53	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0	mg/Kg			04/12/23 16:00	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0	mg/Kg		04/12/23 09:16	04/12/23 11:39	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		04/12/23 09:16	04/12/23 11:39	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		04/12/23 09:16	04/12/23 11:39	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	115		70 - 130	04/12/23 09:16	04/12/23 11:39	1
o-Terphenyl	130		70 - 130	04/12/23 09:16	04/12/23 11:39	1

Eurofins Midland

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: SRO 5 State 506/507

Job ID: 880-27063-1
SDG: Loving, NM

Client Sample ID: Dup-9
Date Collected: 04/11/23 00:00
Date Received: 04/11/23 16:15

Lab Sample ID: 880-27063-6
Matrix: Solid

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	440		25.3	mg/Kg			04/12/23 11:31	5

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

Surrogate Summary

Client: TRC Solutions, Inc.
Project/Site: SRO 5 State 506/507

Job ID: 880-27063-1
SDG: Loving, NM

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	BFB1 (70-130)	DFBZ1 (70-130)
880-26797-A-1-E MS	Matrix Spike	111	105
880-26797-A-1-F MSD	Matrix Spike Duplicate	109	104
880-27063-1	OB-40	101	82
880-27063-2	OB-41	109	85
880-27063-3	OB-42	87	101
880-27063-4	SW-14	91	94
880-27063-6	Dup-9	116	86
LCS 880-50827/1-A	Lab Control Sample	107	106
LCSD 880-50827/2-A	Lab Control Sample Dup	106	109
MB 880-50827/5-A	Method Blank	79	96
Surrogate Legend			
BFB = 4-Bromofluorobenzene (Surr)			
DFBZ = 1,4-Difluorobenzene (Surr)			

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Water

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	BFB1 (70-130)	DFBZ1 (70-130)
880-27063-5	TB-04112023	101	103
880-27063-5 MS	TB-04112023	103	109
880-27063-5 MSD	TB-04112023	107	105
LCS 880-50944/56	Lab Control Sample	100	103
LCSD 880-50944/57	Lab Control Sample Dup	103	108
MB 880-50944/61	Method Blank	97	99
MB 880-50997/5-A	Method Blank	95	99
Surrogate Legend			
BFB = 4-Bromofluorobenzene (Surr)			
DFBZ = 1,4-Difluorobenzene (Surr)			

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

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	1CO1 (70-130)	OTPH1 (70-130)
880-27063-1	OB-40	89	106
880-27063-2	OB-41	88	104
880-27063-3	OB-42	83	99
880-27063-4	SW-14	90	109
880-27063-6	Dup-9	115	130
880-27063-6 MS	Dup-9	130	135 S1+
880-27063-6 MSD	Dup-9	128	132 S1+
LCS 880-50958/2-A	Lab Control Sample	116	134 S1+
LCSD 880-50958/3-A	Lab Control Sample Dup	103	121
MB 880-50958/1-A	Method Blank	116	148 S1+
Surrogate Legend			
1CO = 1-Chlorooctane			

Eurofins Midland

Surrogate Summary

Client: TRC Solutions, Inc.
Project/Site: SRO 5 State 506/507
OTPH = o-Terphenyl

Job ID: 880-27063-1
SDG: Loving, NM

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

QC Sample Results

Client: TRC Solutions, Inc.
Project/Site: SRO 5 State 506/507

Job ID: 880-27063-1
SDG: Loving, NM

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-50827/5-A

Matrix: Solid

Analysis Batch: 50945

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 50827

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		04/10/23 11:52	04/12/23 10:50	1
Toluene	<0.00200	U	0.00200	mg/Kg		04/10/23 11:52	04/12/23 10:50	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		04/10/23 11:52	04/12/23 10:50	1
m-Xylene & p-Xylene	<0.00400	U	0.00400	mg/Kg		04/10/23 11:52	04/12/23 10:50	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		04/10/23 11:52	04/12/23 10:50	1
Xylenes, Total	<0.00400	U	0.00400	mg/Kg		04/10/23 11:52	04/12/23 10:50	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	79		70 - 130	04/10/23 11:52	04/12/23 10:50	1
1,4-Difluorobenzene (Surr)	96		70 - 130	04/10/23 11:52	04/12/23 10:50	1

Lab Sample ID: LCS 880-50827/1-A

Matrix: Solid

Analysis Batch: 50945

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 50827

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.1032		mg/Kg		103	70 - 130
Toluene	0.100	0.09878		mg/Kg		99	70 - 130
Ethylbenzene	0.100	0.09778		mg/Kg		98	70 - 130
m-Xylene & p-Xylene	0.200	0.2100		mg/Kg		105	70 - 130
o-Xylene	0.100	0.1150		mg/Kg		115	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	107		70 - 130
1,4-Difluorobenzene (Surr)	106		70 - 130

Lab Sample ID: LCSD 880-50827/2-A

Matrix: Solid

Analysis Batch: 50945

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 50827

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.1107		mg/Kg		111	70 - 130	7	35
Toluene	0.100	0.1032		mg/Kg		103	70 - 130	4	35
Ethylbenzene	0.100	0.1006		mg/Kg		101	70 - 130	3	35
m-Xylene & p-Xylene	0.200	0.2164		mg/Kg		108	70 - 130	3	35
o-Xylene	0.100	0.1137		mg/Kg		114	70 - 130	1	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	106		70 - 130
1,4-Difluorobenzene (Surr)	109		70 - 130

Lab Sample ID: 880-26797-A-1-E MS

Matrix: Solid

Analysis Batch: 50945

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 50827

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00198	U	0.0996	0.1070		mg/Kg		107	70 - 130
Toluene	<0.00198	U	0.0996	0.1020		mg/Kg		102	70 - 130

Eurofins Midland

QC Sample Results

Client: TRC Solutions, Inc.
Project/Site: SRO 5 State 506/507

Job ID: 880-27063-1
SDG: Loving, NM

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: 880-26797-A-1-E MS

Matrix: Solid

Analysis Batch: 50945

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 50827

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Ethylbenzene	<0.00198	U	0.0996	0.1029		mg/Kg		103	70 - 130
m-Xylene & p-Xylene	<0.00396	U	0.199	0.2210		mg/Kg		111	70 - 130
o-Xylene	<0.00198	U	0.0996	0.1134		mg/Kg		114	70 - 130
MS MS									
Surrogate	%Recovery	Qualifier	Limits						
4-Bromofluorobenzene (Surr)	111		70 - 130						
1,4-Difluorobenzene (Surr)	105		70 - 130						

Lab Sample ID: 880-26797-A-1-F MSD

Matrix: Solid

Analysis Batch: 50945

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 50827

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00198	U	0.0994	0.1012		mg/Kg		102	70 - 130	6	35
Toluene	<0.00198	U	0.0994	0.09706		mg/Kg		98	70 - 130	5	35
Ethylbenzene	<0.00198	U	0.0994	0.09702		mg/Kg		98	70 - 130	6	35
m-Xylene & p-Xylene	<0.00396	U	0.199	0.2091		mg/Kg		105	70 - 130	6	35
o-Xylene	<0.00198	U	0.0994	0.1073		mg/Kg		108	70 - 130	5	35
MSD MSD											
Surrogate	%Recovery	Qualifier	Limits								
4-Bromofluorobenzene (Surr)	109		70 - 130								
1,4-Difluorobenzene (Surr)	104		70 - 130								

Lab Sample ID: MB 880-50944/61

Matrix: Water

Analysis Batch: 50944

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/L			04/13/23 07:56	1
Toluene	<0.00200	U	0.00200	mg/L			04/13/23 07:56	1
Ethylbenzene	<0.00200	U	0.00200	mg/L			04/13/23 07:56	1
m-Xylene & p-Xylene	<0.00400	U	0.00400	mg/L			04/13/23 07:56	1
o-Xylene	<0.00200	U	0.00200	mg/L			04/13/23 07:56	1
Xylenes, Total	<0.00400	U	0.00400	mg/L			04/13/23 07:56	1
MB MB								
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	97		70 - 130				04/13/23 07:56	1
1,4-Difluorobenzene (Surr)	99		70 - 130				04/13/23 07:56	1

Lab Sample ID: LCS 880-50944/56

Matrix: Water

Analysis Batch: 50944

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.09685		mg/L		97	70 - 130
Toluene	0.100	0.09742		mg/L		97	70 - 130
Ethylbenzene	0.100	0.09222		mg/L		92	70 - 130
m-Xylene & p-Xylene	0.200	0.1841		mg/L		92	70 - 130

Eurofins Midland

QC Sample Results

Client: TRC Solutions, Inc.
Project/Site: SRO 5 State 506/507

Job ID: 880-27063-1
SDG: Loving, NM

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: LCS 880-50944/56

Matrix: Water

Analysis Batch: 50944

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
o-Xylene	0.100	0.09401		mg/L		94	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	100		70 - 130
1,4-Difluorobenzene (Surr)	103		70 - 130

Lab Sample ID: LCSD 880-50944/57

Matrix: Water

Analysis Batch: 50944

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
Benzene	0.100	0.1007		mg/L		101	70 - 130	4	20
Toluene	0.100	0.09864		mg/L		99	70 - 130	1	20
Ethylbenzene	0.100	0.09109		mg/L		91	70 - 130	1	20
m-Xylene & p-Xylene	0.200	0.1814		mg/L		91	70 - 130	1	20
o-Xylene	0.100	0.09419		mg/L		94	70 - 130	0	20

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	103		70 - 130
1,4-Difluorobenzene (Surr)	108		70 - 130

Lab Sample ID: 880-27063-5 MS

Matrix: Water

Analysis Batch: 50944

Client Sample ID: TB-04112023

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00200	U	0.100	0.1062		mg/L		106	70 - 130
Toluene	<0.00200	U	0.100	0.1036		mg/L		103	70 - 130
Ethylbenzene	<0.00200	U	0.100	0.09574		mg/L		96	70 - 130
m-Xylene & p-Xylene	<0.00400	U	0.200	0.1894		mg/L		95	70 - 130
o-Xylene	<0.00200	U	0.100	0.09727		mg/L		97	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	103		70 - 130
1,4-Difluorobenzene (Surr)	109		70 - 130

Lab Sample ID: 880-27063-5 MSD

Matrix: Water

Analysis Batch: 50944

Client Sample ID: TB-04112023

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00200	U	0.100	0.09463		mg/L		95	70 - 130	11	25
Toluene	<0.00200	U	0.100	0.1055		mg/L		105	70 - 130	2	25
Ethylbenzene	<0.00200	U	0.100	0.09857		mg/L		99	70 - 130	3	25
m-Xylene & p-Xylene	<0.00400	U	0.200	0.1964		mg/L		98	70 - 130	4	25
o-Xylene	<0.00200	U	0.100	0.1014		mg/L		101	70 - 130	4	25

Eurofins Midland

QC Sample Results

Client: TRC Solutions, Inc.
Project/Site: SRO 5 State 506/507

Job ID: 880-27063-1
SDG: Loving, NM

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: 880-27063-5 MSD

Matrix: Water

Analysis Batch: 50944

Client Sample ID: TB-04112023

Prep Type: Total/NA

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	107		70 - 130
1,4-Difluorobenzene (Surr)	105		70 - 130

Lab Sample ID: MB 880-50997/5-A

Matrix: Water

Analysis Batch: 50944

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 50997

Analyte	MB	MB							
	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil	Fac
Benzene	<0.00200	U	0.00200	mg/L		04/12/23 14:22	04/12/23 23:25	1	
Toluene	<0.00200	U	0.00200	mg/L		04/12/23 14:22	04/12/23 23:25	1	
Ethylbenzene	<0.00200	U	0.00200	mg/L		04/12/23 14:22	04/12/23 23:25	1	
m-Xylene & p-Xylene	<0.00400	U	0.00400	mg/L		04/12/23 14:22	04/12/23 23:25	1	
o-Xylene	<0.00200	U	0.00200	mg/L		04/12/23 14:22	04/12/23 23:25	1	
Xylenes, Total	<0.00400	U	0.00400	mg/L		04/12/23 14:22	04/12/23 23:25	1	

	MB	MB							
Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil	Fac		
4-Bromofluorobenzene (Surr)	95		70 - 130	04/12/23 14:22	04/12/23 23:25	1			
1,4-Difluorobenzene (Surr)	99		70 - 130	04/12/23 14:22	04/12/23 23:25	1			

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

Lab Sample ID: MB 880-50958/1-A

Matrix: Solid

Analysis Batch: 50962

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 50958

Analyte	MB	MB							
	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil	Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0	mg/Kg		04/12/23 08:16	04/12/23 09:02	1	
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		04/12/23 08:16	04/12/23 09:02	1	
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		04/12/23 08:16	04/12/23 09:02	1	

	MB	MB							
Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil	Fac		
1-Chlorooctane	116		70 - 130	04/12/23 08:16	04/12/23 09:02	1			
o-Terphenyl	148	S1+	70 - 130	04/12/23 08:16	04/12/23 09:02	1			

Lab Sample ID: LCS 880-50958/2-A

Matrix: Solid

Analysis Batch: 50962

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 50958

Analyte	Spike	LCS	LCS						
	Added	Result	Qualifier	Unit	D	%Rec	%Rec	Limits	
Gasoline Range Organics (GRO)-C6-C10	1000	1120		mg/Kg		112		70 - 130	
Diesel Range Organics (Over C10-C28)	1000	1006		mg/Kg		101		70 - 130	

	LCS	LCS							
Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil	Fac		
1-Chlorooctane	116		70 - 130						
o-Terphenyl	134	S1+	70 - 130						

Eurofins Midland

QC Sample Results

Client: TRC Solutions, Inc.
Project/Site: SRO 5 State 506/507

Job ID: 880-27063-1
SDG: Loving, NM

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

Lab Sample ID: LCSD 880-50958/3-A

Matrix: Solid

Analysis Batch: 50962

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 50958

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	1065		mg/Kg		106	70 - 130	5	20
Diesel Range Organics (Over C10-C28)	1000	934.1		mg/Kg		93	70 - 130	7	20
Surrogate									
	LCSD %Recovery	LCSD Qualifier	Limits						
1-Chlorooctane	103		70 - 130						
o-Terphenyl	121		70 - 130						

Lab Sample ID: 880-27063-6 MS

Matrix: Solid

Analysis Batch: 50962

Client Sample ID: Dup-9

Prep Type: Total/NA

Prep Batch: 50958

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	998	1173		mg/Kg		118	70 - 130		
Diesel Range Organics (Over C10-C28)	<50.0	U	998	1302		mg/Kg		130	70 - 130		
Surrogate											
	MS %Recovery	MS Qualifier	Limits								
1-Chlorooctane	130		70 - 130								
o-Terphenyl	135	S1+	70 - 130								

Lab Sample ID: 880-27063-6 MSD

Matrix: Solid

Analysis Batch: 50962

Client Sample ID: Dup-9

Prep Type: Total/NA

Prep Batch: 50958

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	999	1171		mg/Kg		117	70 - 130	0	20
Diesel Range Organics (Over C10-C28)	<50.0	U	999	1278		mg/Kg		128	70 - 130	2	20
Surrogate											
	MSD %Recovery	MSD Qualifier	Limits								
1-Chlorooctane	128		70 - 130								
o-Terphenyl	132	S1+	70 - 130								

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-50961/1-A

Matrix: Solid

Analysis Batch: 50980

Client Sample ID: Method Blank

Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00	mg/Kg			04/12/23 10:33	1

Eurofins Midland

QC Sample Results

Client: TRC Solutions, Inc.
Project/Site: SRO 5 State 506/507

Job ID: 880-27063-1
SDG: Loving, NM

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: LCS 880-50961/2-A				Client Sample ID: Lab Control Sample							
Matrix: Solid				Prep Type: Soluble							
Analysis Batch: 50980											
Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride			250	236.1		mg/Kg		94	90 - 110		

Lab Sample ID: LCSD 880-50961/3-A				Client Sample ID: Lab Control Sample Dup							
Matrix: Solid				Prep Type: Soluble							
Analysis Batch: 50980											
Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride			250	237.6		mg/Kg		95	90 - 110	1	20

Lab Sample ID: 880-27036-A-1-E MS				Client Sample ID: Matrix Spike							
Matrix: Solid				Prep Type: Soluble							
Analysis Batch: 50980											
Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	48.4		249	300.1		mg/Kg		101	90 - 110		

Lab Sample ID: 880-27036-A-1-F MSD				Client Sample ID: Matrix Spike Duplicate							
Matrix: Solid				Prep Type: Soluble							
Analysis Batch: 50980											
Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	48.4		249	301.1		mg/Kg		102	90 - 110	0	20

QC Association Summary

Client: TRC Solutions, Inc.
Project/Site: SRO 5 State 506/507

Job ID: 880-27063-1
SDG: Loving, NM

GC VOA

Prep Batch: 50827

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-27063-1	OB-40	Total/NA	Solid	5035	
880-27063-2	OB-41	Total/NA	Solid	5035	
880-27063-3	OB-42	Total/NA	Solid	5035	
880-27063-4	SW-14	Total/NA	Solid	5035	
880-27063-6	Dup-9	Total/NA	Solid	5035	
MB 880-50827/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-50827/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-50827/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-26797-A-1-E MS	Matrix Spike	Total/NA	Solid	5035	
880-26797-A-1-F MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Analysis Batch: 50944

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-27063-5	TB-04112023	Total/NA	Water	8021B	
MB 880-50944/61	Method Blank	Total/NA	Water	8021B	
MB 880-50997/5-A	Method Blank	Total/NA	Water	8021B	50997
LCS 880-50944/56	Lab Control Sample	Total/NA	Water	8021B	
LCSD 880-50944/57	Lab Control Sample Dup	Total/NA	Water	8021B	
880-27063-5 MS	TB-04112023	Total/NA	Water	8021B	
880-27063-5 MSD	TB-04112023	Total/NA	Water	8021B	

Analysis Batch: 50945

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-27063-1	OB-40	Total/NA	Solid	8021B	50827
880-27063-2	OB-41	Total/NA	Solid	8021B	50827
880-27063-3	OB-42	Total/NA	Solid	8021B	50827
880-27063-4	SW-14	Total/NA	Solid	8021B	50827
880-27063-6	Dup-9	Total/NA	Solid	8021B	50827
MB 880-50827/5-A	Method Blank	Total/NA	Solid	8021B	50827
LCS 880-50827/1-A	Lab Control Sample	Total/NA	Solid	8021B	50827
LCSD 880-50827/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	50827
880-26797-A-1-E MS	Matrix Spike	Total/NA	Solid	8021B	50827
880-26797-A-1-F MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	50827

Prep Batch: 50997

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-50997/5-A	Method Blank	Total/NA	Water	5035	

Analysis Batch: 51002

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-27063-1	OB-40	Total/NA	Solid	Total BTEX	
880-27063-2	OB-41	Total/NA	Solid	Total BTEX	
880-27063-3	OB-42	Total/NA	Solid	Total BTEX	
880-27063-4	SW-14	Total/NA	Solid	Total BTEX	
880-27063-5	TB-04112023	Total/NA	Water	Total BTEX	
880-27063-6	Dup-9	Total/NA	Solid	Total BTEX	

Eurofins Midland

QC Association Summary

Client: TRC Solutions, Inc.
Project/Site: SRO 5 State 506/507

Job ID: 880-27063-1
SDG: Loving, NM

GC Semi VOA

Prep Batch: 50958

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-27063-1	OB-40	Total/NA	Solid	8015NM Prep	
880-27063-2	OB-41	Total/NA	Solid	8015NM Prep	
880-27063-3	OB-42	Total/NA	Solid	8015NM Prep	
880-27063-4	SW-14	Total/NA	Solid	8015NM Prep	
880-27063-6	Dup-9	Total/NA	Solid	8015NM Prep	
MB 880-50958/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-50958/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-50958/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-27063-6 MS	Dup-9	Total/NA	Solid	8015NM Prep	
880-27063-6 MSD	Dup-9	Total/NA	Solid	8015NM Prep	

Analysis Batch: 50962

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-27063-1	OB-40	Total/NA	Solid	8015B NM	50958
880-27063-2	OB-41	Total/NA	Solid	8015B NM	50958
880-27063-3	OB-42	Total/NA	Solid	8015B NM	50958
880-27063-4	SW-14	Total/NA	Solid	8015B NM	50958
880-27063-6	Dup-9	Total/NA	Solid	8015B NM	50958
MB 880-50958/1-A	Method Blank	Total/NA	Solid	8015B NM	50958
LCS 880-50958/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	50958
LCSD 880-50958/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	50958
880-27063-6 MS	Dup-9	Total/NA	Solid	8015B NM	50958
880-27063-6 MSD	Dup-9	Total/NA	Solid	8015B NM	50958

Analysis Batch: 51004

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-27063-1	OB-40	Total/NA	Solid	8015 NM	
880-27063-2	OB-41	Total/NA	Solid	8015 NM	
880-27063-3	OB-42	Total/NA	Solid	8015 NM	
880-27063-4	SW-14	Total/NA	Solid	8015 NM	
880-27063-6	Dup-9	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 50961

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-27063-1	OB-40	Soluble	Solid	DI Leach	
880-27063-2	OB-41	Soluble	Solid	DI Leach	
880-27063-3	OB-42	Soluble	Solid	DI Leach	
880-27063-4	SW-14	Soluble	Solid	DI Leach	
880-27063-6	Dup-9	Soluble	Solid	DI Leach	
MB 880-50961/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-50961/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-50961/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-27036-A-1-E MS	Matrix Spike	Soluble	Solid	DI Leach	
880-27036-A-1-F MSD	Matrix Spike Duplicate	Soluble	Solid	DI Leach	

Analysis Batch: 50980

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-27063-1	OB-40	Soluble	Solid	300.0	50961
880-27063-2	OB-41	Soluble	Solid	300.0	50961

Eurofins Midland

QC Association Summary

Client: TRC Solutions, Inc.
Project/Site: SRO 5 State 506/507

Job ID: 880-27063-1
SDG: Loving, NM

HPLC/IC (Continued)

Analysis Batch: 50980 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-27063-3	OB-42	Soluble	Solid	300.0	50961
880-27063-4	SW-14	Soluble	Solid	300.0	50961
880-27063-6	Dup-9	Soluble	Solid	300.0	50961
MB 880-50961/1-A	Method Blank	Soluble	Solid	300.0	50961
LCS 880-50961/2-A	Lab Control Sample	Soluble	Solid	300.0	50961
LCSD 880-50961/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	50961
880-27036-A-1-E MS	Matrix Spike	Soluble	Solid	300.0	50961
880-27036-A-1-F MSD	Matrix Spike Duplicate	Soluble	Solid	300.0	50961

Lab Chronicle

Client: TRC Solutions, Inc.
Project/Site: SRO 5 State 506/507

Job ID: 880-27063-1
SDG: Loving, NM

Client Sample ID: OB-40
Date Collected: 04/11/23 10:30
Date Received: 04/11/23 16:15

Lab Sample ID: 880-27063-1
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	50827	04/12/23 11:52	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	50945	04/12/23 11:53	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			51002	04/12/23 15:53	AJ	EET MID
Total/NA	Analysis	8015 NM		1			51004	04/12/23 16:00	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	50958	04/12/23 09:16	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	50962	04/12/23 12:47	AJ	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	50961	04/12/23 09:23	KS	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	50980	04/12/23 11:02	SMC	EET MID

Client Sample ID: OB-41
Date Collected: 04/11/23 10:35
Date Received: 04/11/23 16:15

Lab Sample ID: 880-27063-2
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	50827	04/12/23 11:52	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	50945	04/12/23 12:13	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			51002	04/12/23 15:53	AJ	EET MID
Total/NA	Analysis	8015 NM		1			51004	04/12/23 16:00	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	50958	04/12/23 09:16	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	50962	04/12/23 13:10	AJ	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	50961	04/12/23 09:23	KS	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	50980	04/12/23 11:07	SMC	EET MID

Client Sample ID: OB-42
Date Collected: 04/11/23 10:40
Date Received: 04/11/23 16:15

Lab Sample ID: 880-27063-3
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	50827	04/12/23 11:52	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	50945	04/12/23 12:34	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			51002	04/12/23 15:53	AJ	EET MID
Total/NA	Analysis	8015 NM		1			51004	04/12/23 16:00	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	50958	04/12/23 09:16	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	50962	04/12/23 13:33	AJ	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	50961	04/12/23 09:23	KS	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	50980	04/12/23 11:12	SMC	EET MID

Client Sample ID: SW-14
Date Collected: 04/11/23 10:00
Date Received: 04/11/23 16:15

Lab Sample ID: 880-27063-4
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	50827	04/12/23 11:52	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	50945	04/12/23 12:54	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			51002	04/12/23 15:53	AJ	EET MID

Eurofins Midland

Lab Chronicle

Client: TRC Solutions, Inc.
Project/Site: SRO 5 State 506/507

Job ID: 880-27063-1
SDG: Loving, NM

Client Sample ID: SW-14

Lab Sample ID: 880-27063-4

Date Collected: 04/11/23 10:00

Matrix: Solid

Date Received: 04/11/23 16:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			51004	04/12/23 16:00	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	50958	04/12/23 09:16	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	50962	04/12/23 13:56	AJ	EET MID
Soluble	Leach	DI Leach			5 g	50 mL	50961	04/12/23 09:23	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	50980	04/12/23 11:17	SMC	EET MID

Client Sample ID: TB-04112023

Lab Sample ID: 880-27063-5

Date Collected: 04/11/23 10:45

Matrix: Water

Date Received: 04/11/23 16:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8021B		1	5 mL	5 mL	50944	04/13/23 08:25	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			51002	04/13/23 12:11	AJ	EET MID

Client Sample ID: Dup-9

Lab Sample ID: 880-27063-6

Date Collected: 04/11/23 00:00

Matrix: Solid

Date Received: 04/11/23 16:15

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 mL	50827	04/12/23 11:52	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	50945	04/12/23 13:15	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			51002	04/12/23 15:53	AJ	EET MID
Total/NA	Analysis	8015 NM		1			51004	04/12/23 16:00	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	50958	04/12/23 09:16	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	50962	04/12/23 11:39	AJ	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	50961	04/12/23 09:23	KS	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	50980	04/12/23 11:31	SMC	EET MID

Laboratory References:

EET MID = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

Accreditation/Certification Summary

Client: TRC Solutions, Inc.
Project/Site: SRO 5 State 506/507

Job ID: 880-27063-1
SDG: Loving, NM

Laboratory: Eurofins Midland

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

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704400-22-25	06-30-23

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
8015 NM		Solid	Total TPH
Total BTEX		Solid	Total BTEX
Total BTEX		Water	Total BTEX

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

Method Summary

Client: TRC Solutions, Inc.
Project/Site: SRO 5 State 506/507

Job ID: 880-27063-1
SDG: Loving, NM

Method	Method Description	Protocol	Laboratory
8021B	Volatile Organic Compounds (GC)	SW846	EET MID
Total BTEX	Total BTEX Calculation	TAL SOP	EET MID
8015 NM	Diesel Range Organics (DRO) (GC)	SW846	EET MID
8015B NM	Diesel Range Organics (DRO) (GC)	SW846	EET MID
300.0	Anions, Ion Chromatography	EPA	EET MID
5030B	Purge and Trap	SW846	EET MID
5035	Closed System Purge and Trap	SW846	EET MID
8015NM Prep	Microextraction	SW846	EET MID
DI Leach	Deionized Water Leaching Procedure	ASTM	EET MID

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.

TAL SOP = TestAmerica Laboratories, Standard Operating Procedure

Laboratory References:

EET MID = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

Sample Summary

Client: TRC Solutions, Inc.
Project/Site: SRO 5 State 506/507

Job ID: 880-27063-1
SDG: Loving, NM

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
880-27063-1	OB-40	Solid	04/11/23 10:30	04/11/23 16:15
880-27063-2	OB-41	Solid	04/11/23 10:35	04/11/23 16:15
880-27063-3	OB-42	Solid	04/11/23 10:40	04/11/23 16:15
880-27063-4	SW-14	Solid	04/11/23 10:00	04/11/23 16:15
880-27063-5	TB-04112023	Water	04/11/23 10:45	04/11/23 16:15
880-27063-6	Dup-9	Solid	04/11/23 00:00	04/11/23 16:15

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



Chain of Custody

Houston, TX (281) 240-4200, Dallas, TX (214) 902-0300
Midland, TX (432) 704-5440, San Antonio, TX (210) 509-3334
El Paso, TX (915) 585-3443 Lubbock, TX (806) 794-1296
Hobbs, NM (575) 392-7550, Carlsbad, NM (575) 988-3199

Environment Testing
Xenco

Work Order No:

27063

Project Manager: Tara Stasfeld		Bill to: (if different)			
Company Name: TRC		Company Name:			
Address: 16 Decker Dr. Ste 130E		Address:			
City, State ZIP: Midland, TX 79705		City, State ZIP:			
Phone: 432-238-3003		Email: Tara.Stasfeld@TRC.com			

Project Name: SR05 State 506/507		Turn Around:			
Project Number: 450169		☐ Routine ☒ Rush		Prior. Code	
Project Location: Loving NM		Due Date:			
Sampler's Name: Mista Bryant		TAT starts the day received by the lab, if received by 4:30pm			
PO #					

SAMPLE RECEIPT		Temp Blank:		Yes No		Wet Ice:		Yes No	
Samples Received Intact:		Yes No		Yes No		Thermometer ID:		Yes No	
Cooler Custody Seals:		Yes No		N/A		Correction Factor:		-3.0	
Sample Custody Seals:		Yes No		N/A		Temperature Reading:		1.3	
Total Containers:						Corrected Temperature:		1.0	

Sample Identification		Matrix	Date Sampled	Time Sampled	Depth	Grab/Comp	# of Cont
OB-40		SS	4/11/23	1030	-	C	1
OB-41				1035	-		
OB-42				1040	-		
SW-14			4/10/23	1000	-		
TS-04112023		W	4/11/23	1045	-		
Dup-9		SS	4/11/23	-	-	C	1

ANALYSIS REQUEST		PRESERVATIVE CODES	
		None	NO
		DI Water	H ₂ O
		Cool	Cool
		MeOH	Me
		HCL	HC
		HNO ₃	HN
		H ₂ SO ₄	H ₂
		H ₃ PO ₄	HP
		NaHSO ₄	NABIS
		Na ₂ S ₂ O ₃	NaSO ₃
		Zn Acetate	+ NaOH Zn
		NaOH+Ascorbic Acid	SAPC

Work Order Comments	
Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐	
State of Project: MM	
Reporting Level II ☐ Level III ☐ PST/UST ☐ TRRP ☐ Level IV ☐	
Deliverables EDD ☐ ADAPT ☐ Other:	


 880-27063 Chain of Custody

Total 200.7 / 6010 200.8 / 6020:		8RCRA 13PPM Texas 11 Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO ₂ Na Sr Ti Sn U V Zn	
Circle Method(s) and Metal(s) to be analyzed		TCPL / SPLP 6010 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag TI U Hg 1631 / 245 1 / 7470 / 7471	

Notice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Eurofins Xenco, its affiliates and subcontractors. It assigns standard terms and conditions of service. Eurofins Xenco will be liable only for the cost of samples and shall not assume any responsibility for any losses or expenses incurred by the client if such losses are due to circumstances beyond the control of Eurofins Xenco. A minimum charge of \$85.00 will be applied to each project and a charge of \$5 for each sample submitted to Eurofins Xenco, but not analyzed. These terms will be enforced unless previously negotiated.

Relinquished by (Signature)	Received by (Signature)	Date/Time	Relinquished by (Signature)	Received by (Signature)	Date/Time
Mista Bryant	[Signature]	4/13 11:00A	[Signature]	[Signature]	4/11/23 1605

Login Sample Receipt Checklist

Client: TRC Solutions, Inc.

Job Number: 880-27063-1

SDG Number: Loving, NM

Login Number: 27063

List Number: 1

Creator: Rodriguez, Leticia

List Source: Eurofins Midland

Question	Answer	Comment
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	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	



Environment Testing

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

ANALYTICAL REPORT

PREPARED FOR

Attn: Jared Stoffel
TRC Solutions, Inc.
10 Desta Drive
Suite #130E
Midland, Texas 79705

Generated 4/17/2023 2:18:14 PM

JOB DESCRIPTION

SRO 5 State 506/507
SDG NUMBER Loving NM

JOB NUMBER

880-27162-1

Eurofins Midland
1211 W. Florida Ave
Midland TX 79701

Eurofins Midland

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.

Analytical test results meet all requirements of the associated regulatory program (i.e., NELAC (TNI), DoD, and ISO 17025) unless otherwise noted under the individual analysis.

Authorization



Generated
4/17/2023 2:18:14 PM

Authorized for release by
Jessica Kramer, Project Manager
Jessica.Kramer@et.eurofinsus.com
(432)704-5440

Client: TRC Solutions, Inc.
Project/Site: SRO 5 State 506/507

Laboratory Job ID: 880-27162-1
SDG: Loving NM

Table of Contents

Cover Page	1
Table of Contents	3
Definitions/Glossary	4
Case Narrative	5
Client Sample Results	6
Surrogate Summary	10
QC Sample Results	11
QC Association Summary	16
Lab Chronicle	18
Certification Summary	20
Method Summary	21
Sample Summary	22
Chain of Custody	23
Receipt Checklists	24

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

Definitions/Glossary

Client: TRC Solutions, Inc.
Project/Site: SRO 5 State 506/507

Job ID: 880-27162-1
SDG: Loving NM

Qualifiers

GC VOA

Qualifier	Qualifier Description
*-	LCS and/or LCSD is outside acceptance limits, low biased.
U	Indicates the analyte was analyzed for but not detected.

GC Semi VOA

Qualifier	Qualifier Description
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.
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

Case Narrative

Client: TRC Solutions, Inc.
Project/Site: SRO 5 State 506/507

Job ID: 880-27162-1
SDG: Loving NM

Job ID: 880-27162-1

Laboratory: Eurofins Midland

Narrative

Job Narrative
880-27162-1

Receipt

The samples were received on 4/14/2023 8:09 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 time was 0.3°C

GC VOA

Method 8021B: The laboratory control sample (LCS) associated with preparation batch 880-51145 and analytical batch 880-51138 was outside acceptance criteria. Re-extraction and/or re-analysis could not be performed; therefore, the data have been reported. The batch matrix spike/matrix spike duplicate (MS/MSD) was within acceptance limits and may be used to evaluate matrix performance.

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

GC Semi VOA

Method 8015MOD_NM: Surrogate recovery for the following sample was outside control limits: (890-4507-A-9-B). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8015MOD_NM: Surrogate recovery for the following sample was outside control limits: SW-16 (880-27162-3). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

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

HPLC/IC

Method 300_ORGFM_28D: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-51144 and analytical batch 880-51175 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. SW-12A (880-27162-1), SW-15 (880-27162-2), SW-16 (880-27162-3), Dup-10 (880-27162-5), (880-27159-A-11-B), (880-27159-A-11-C MS) and (880-27159-A-11-D MSD)

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

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: SRO 5 State 506/507

Job ID: 880-27162-1
SDG: Loving NM

Client Sample ID: SW-12A

Lab Sample ID: 880-27162-1

Date Collected: 04/13/23 10:30

Matrix: Solid

Date Received: 04/14/23 08:09

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		04/14/23 09:33	04/14/23 13:22	1
Toluene	<0.00200	U	0.00200	mg/Kg		04/14/23 09:33	04/14/23 13:22	1
Ethylbenzene	<0.00200	U *	0.00200	mg/Kg		04/14/23 09:33	04/14/23 13:22	1
m-Xylene & p-Xylene	<0.00401	U *	0.00401	mg/Kg		04/14/23 09:33	04/14/23 13:22	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		04/14/23 09:33	04/14/23 13:22	1
Xylenes, Total	<0.00401	U *	0.00401	mg/Kg		04/14/23 09:33	04/14/23 13:22	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		70 - 130	04/14/23 09:33	04/14/23 13:22	1
1,4-Difluorobenzene (Surr)	103		70 - 130	04/14/23 09:33	04/14/23 13:22	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401	mg/Kg			04/14/23 17:13	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9	mg/Kg			04/17/23 09:43	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9	mg/Kg		04/14/23 12:00	04/15/23 16:05	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9	mg/Kg		04/14/23 12:00	04/15/23 16:05	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg		04/14/23 12:00	04/15/23 16:05	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	70		70 - 130	04/14/23 12:00	04/15/23 16:05	1
o-Terphenyl	72		70 - 130	04/14/23 12:00	04/15/23 16:05	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	124		5.04	mg/Kg			04/14/23 12:40	1

Client Sample ID: SW-15

Lab Sample ID: 880-27162-2

Date Collected: 04/12/23 10:05

Matrix: Solid

Date Received: 04/14/23 08:09

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199	mg/Kg		04/14/23 09:33	04/14/23 13:42	1
Toluene	<0.00199	U	0.00199	mg/Kg		04/14/23 09:33	04/14/23 13:42	1
Ethylbenzene	<0.00199	U *	0.00199	mg/Kg		04/14/23 09:33	04/14/23 13:42	1
m-Xylene & p-Xylene	<0.00398	U *	0.00398	mg/Kg		04/14/23 09:33	04/14/23 13:42	1
o-Xylene	<0.00199	U	0.00199	mg/Kg		04/14/23 09:33	04/14/23 13:42	1
Xylenes, Total	<0.00398	U *	0.00398	mg/Kg		04/14/23 09:33	04/14/23 13:42	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	107		70 - 130	04/14/23 09:33	04/14/23 13:42	1
1,4-Difluorobenzene (Surr)	102		70 - 130	04/14/23 09:33	04/14/23 13:42	1

Eurofins Midland

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: SRO 5 State 506/507

Job ID: 880-27162-1
SDG: Loving NM

Client Sample ID: SW-15

Lab Sample ID: 880-27162-2

Date Collected: 04/12/23 10:05

Matrix: Solid

Date Received: 04/14/23 08:09

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398	mg/Kg			04/14/23 17:13	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0	mg/Kg			04/17/23 09:43	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0	mg/Kg		04/14/23 12:00	04/15/23 16:48	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		04/14/23 12:00	04/15/23 16:48	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		04/14/23 12:00	04/15/23 16:48	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	71		70 - 130			04/14/23 12:00	04/15/23 16:48	1
o-Terphenyl	74		70 - 130			04/14/23 12:00	04/15/23 16:48	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	290		5.03	mg/Kg			04/14/23 12:45	1

Client Sample ID: SW-16

Lab Sample ID: 880-27162-3

Date Collected: 04/12/23 10:00

Matrix: Solid

Date Received: 04/14/23 08:09

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201	mg/Kg		04/14/23 09:33	04/14/23 14:02	1
Toluene	<0.00201	U	0.00201	mg/Kg		04/14/23 09:33	04/14/23 14:02	1
Ethylbenzene	<0.00201	U *	0.00201	mg/Kg		04/14/23 09:33	04/14/23 14:02	1
m-Xylene & p-Xylene	<0.00402	U *	0.00402	mg/Kg		04/14/23 09:33	04/14/23 14:02	1
o-Xylene	<0.00201	U	0.00201	mg/Kg		04/14/23 09:33	04/14/23 14:02	1
Xylenes, Total	<0.00402	U *	0.00402	mg/Kg		04/14/23 09:33	04/14/23 14:02	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	112		70 - 130			04/14/23 09:33	04/14/23 14:02	1
1,4-Difluorobenzene (Surr)	106		70 - 130			04/14/23 09:33	04/14/23 14:02	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402	mg/Kg			04/14/23 17:13	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0	mg/Kg			04/17/23 09:43	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0	mg/Kg		04/14/23 12:00	04/15/23 17:10	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		04/14/23 12:00	04/15/23 17:10	1

Eurofins Midland

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: SRO 5 State 506/507

Job ID: 880-27162-1
SDG: Loving NM

Client Sample ID: SW-16

Lab Sample ID: 880-27162-3

Date Collected: 04/12/23 10:00

Matrix: Solid

Date Received: 04/14/23 08:09

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		04/14/23 12:00	04/15/23 17:10	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	67	S1-	70 - 130			04/14/23 12:00	04/15/23 17:10	1
o-Terphenyl	70		70 - 130			04/14/23 12:00	04/15/23 17:10	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	243		4.97	mg/Kg			04/14/23 12:49	1

Client Sample ID: TB-04132023

Lab Sample ID: 880-27162-4

Date Collected: 04/13/23 15:00

Matrix: Water

Date Received: 04/14/23 08:09

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/L			04/16/23 08:47	1
Toluene	<0.00200	U	0.00200	mg/L			04/16/23 08:47	1
Ethylbenzene	<0.00200	U	0.00200	mg/L			04/16/23 08:47	1
m-Xylene & p-Xylene	<0.00400	U	0.00400	mg/L			04/16/23 08:47	1
o-Xylene	<0.00200	U	0.00200	mg/L			04/16/23 08:47	1
Xylenes, Total	<0.00400	U	0.00400	mg/L			04/16/23 08:47	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	95		70 - 130				04/16/23 08:47	1
1,4-Difluorobenzene (Surr)	105		70 - 130				04/16/23 08:47	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00400	U	0.00400	mg/L			04/17/23 14:06	1

Client Sample ID: Dup-10

Lab Sample ID: 880-27162-5

Date Collected: 04/12/23 00:00

Matrix: Solid

Date Received: 04/14/23 08:09

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202	mg/Kg		04/14/23 09:33	04/14/23 14:23	1
Toluene	<0.00202	U	0.00202	mg/Kg		04/14/23 09:33	04/14/23 14:23	1
Ethylbenzene	<0.00202	U *	0.00202	mg/Kg		04/14/23 09:33	04/14/23 14:23	1
m-Xylene & p-Xylene	<0.00404	U *	0.00404	mg/Kg		04/14/23 09:33	04/14/23 14:23	1
o-Xylene	<0.00202	U	0.00202	mg/Kg		04/14/23 09:33	04/14/23 14:23	1
Xylenes, Total	<0.00404	U *	0.00404	mg/Kg		04/14/23 09:33	04/14/23 14:23	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	110		70 - 130			04/14/23 09:33	04/14/23 14:23	1
1,4-Difluorobenzene (Surr)	103		70 - 130			04/14/23 09:33	04/14/23 14:23	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404	mg/Kg			04/14/23 17:13	1

Eurofins Midland

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: SRO 5 State 506/507

Job ID: 880-27162-1
SDG: Loving NM

Client Sample ID: Dup-10
Date Collected: 04/12/23 00:00
Date Received: 04/14/23 08:09

Lab Sample ID: 880-27162-5
Matrix: Solid

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)									
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac	
Total TPH	<49.9	U	49.9	mg/Kg			04/17/23 09:43	1	
Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)									
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac	
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9	mg/Kg		04/14/23 12:00	04/15/23 17:32	1	
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9	mg/Kg		04/14/23 12:00	04/15/23 17:32	1	
Oil Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg		04/14/23 12:00	04/15/23 17:32	1	
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac	
1-Chlorooctane	70		70 - 130			04/14/23 12:00	04/15/23 17:32	1	
o-Terphenyl	74		70 - 130			04/14/23 12:00	04/15/23 17:32	1	
Method: EPA 300.0 - Anions, Ion Chromatography - Soluble									
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac	
Chloride	287		4.97	mg/Kg			04/14/23 12:54	1	

Surrogate Summary

Client: TRC Solutions, Inc.
Project/Site: SRO 5 State 506/507

Job ID: 880-27162-1
SDG: Loving NM

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	BFB1 (70-130)	DFBZ1 (70-130)
880-27162-1	SW-12A	103	103
880-27162-1 MS	SW-12A	104	108
880-27162-1 MSD	SW-12A	103	106
880-27162-2	SW-15	107	102
880-27162-3	SW-16	112	106
880-27162-5	Dup-10	110	103
LCS 880-51145/1-A	Lab Control Sample	101	106
LCSD 880-51145/2-A	Lab Control Sample Dup	100	111
MB 880-51145/5-A	Method Blank	93	100
Surrogate Legend			
BFB = 4-Bromofluorobenzene (Surr)			
DFBZ = 1,4-Difluorobenzene (Surr)			

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Water

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	BFB1 (70-130)	DFBZ1 (70-130)
880-27162-4	TB-04132023	95	105
LCS 880-51138/96	Lab Control Sample	104	110
LCSD 880-51138/97	Lab Control Sample Dup	110	112
MB 880-51077/5-A	Method Blank	94	96
MB 880-51138/101	Method Blank	94	96
Surrogate Legend			
BFB = 4-Bromofluorobenzene (Surr)			
DFBZ = 1,4-Difluorobenzene (Surr)			

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

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	1CO1 (70-130)	OTPH1 (70-130)
880-27162-1	SW-12A	70	72
880-27162-2	SW-15	71	74
880-27162-3	SW-16	67 S1-	70
880-27162-5	Dup-10	70	74
890-4507-A-9-C MS	Matrix Spike	77	71
890-4507-A-9-D MSD	Matrix Spike Duplicate	78	73
LCS 880-51185/2-A	Lab Control Sample	78	80
LCSD 880-51185/3-A	Lab Control Sample Dup	77	79
MB 880-51185/1-A	Method Blank	96	106
Surrogate Legend			
1CO = 1-Chlorooctane			
OTPH = o-Terphenyl			

Eurofins Midland

QC Sample Results

Client: TRC Solutions, Inc.
Project/Site: SRO 5 State 506/507

Job ID: 880-27162-1
SDG: Loving NM

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-51077/5-A

Matrix: Water

Analysis Batch: 51138

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 51077

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/L		04/13/23 12:42	04/15/23 15:49	1
Toluene	<0.00200	U	0.00200	mg/L		04/13/23 12:42	04/15/23 15:49	1
Ethylbenzene	<0.00200	U	0.00200	mg/L		04/13/23 12:42	04/15/23 15:49	1
m-Xylene & p-Xylene	<0.00400	U	0.00400	mg/L		04/13/23 12:42	04/15/23 15:49	1
o-Xylene	<0.00200	U	0.00200	mg/L		04/13/23 12:42	04/15/23 15:49	1
Xylenes, Total	<0.00400	U	0.00400	mg/L		04/13/23 12:42	04/15/23 15:49	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	94		70 - 130	04/13/23 12:42	04/15/23 15:49	1
1,4-Difluorobenzene (Surr)	96		70 - 130	04/13/23 12:42	04/15/23 15:49	1

Lab Sample ID: MB 880-51138/101

Matrix: Water

Analysis Batch: 51138

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/L			04/16/23 03:25	1
Toluene	<0.00200	U	0.00200	mg/L			04/16/23 03:25	1
Ethylbenzene	<0.00200	U	0.00200	mg/L			04/16/23 03:25	1
m-Xylene & p-Xylene	<0.00400	U	0.00400	mg/L			04/16/23 03:25	1
o-Xylene	<0.00200	U	0.00200	mg/L			04/16/23 03:25	1
Xylenes, Total	<0.00400	U	0.00400	mg/L			04/16/23 03:25	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	94		70 - 130		04/16/23 03:25	1
1,4-Difluorobenzene (Surr)	96		70 - 130		04/16/23 03:25	1

Lab Sample ID: LCS 880-51138/96

Matrix: Water

Analysis Batch: 51138

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.09691		mg/L		97	70 - 130
Toluene	0.100	0.09333		mg/L		93	70 - 130
Ethylbenzene	0.100	0.08873		mg/L		89	70 - 130
m-Xylene & p-Xylene	0.200	0.1772		mg/L		89	70 - 130
o-Xylene	0.100	0.09142		mg/L		91	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	104		70 - 130
1,4-Difluorobenzene (Surr)	110		70 - 130

Lab Sample ID: LCSD 880-51138/97

Matrix: Water

Analysis Batch: 51138

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
Benzene	0.100	0.1033		mg/L		103	70 - 130	6	20

Eurofins Midland

QC Sample Results

Client: TRC Solutions, Inc.
Project/Site: SRO 5 State 506/507

Job ID: 880-27162-1
SDG: Loving NM

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: LCSD 880-51138/97

Matrix: Water

Analysis Batch: 51138

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec		RPD	Limit
							Limits	RPD		
Toluene	0.100	0.1012		mg/L		101	70 - 130	8		20
Ethylbenzene	0.100	0.09496		mg/L		95	70 - 130	7		20
m-Xylene & p-Xylene	0.200	0.1897		mg/L		95	70 - 130	7		20
o-Xylene	0.100	0.09845		mg/L		98	70 - 130	7		20

Surrogate	LCSD		Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene (Surr)	110		70 - 130
1,4-Difluorobenzene (Surr)	112		70 - 130

Lab Sample ID: MB 880-51145/5-A

Matrix: Solid

Analysis Batch: 51138

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 51145

Analyte	MB		RL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier						
Benzene	<0.00200	U	0.00200	mg/Kg		04/14/23 09:33	04/14/23 12:53	1
Toluene	<0.00200	U	0.00200	mg/Kg		04/14/23 09:33	04/14/23 12:53	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		04/14/23 09:33	04/14/23 12:53	1
m-Xylene & p-Xylene	<0.00400	U	0.00400	mg/Kg		04/14/23 09:33	04/14/23 12:53	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		04/14/23 09:33	04/14/23 12:53	1
Xylenes, Total	<0.00400	U	0.00400	mg/Kg		04/14/23 09:33	04/14/23 12:53	1

Surrogate	MB		Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
4-Bromofluorobenzene (Surr)	93		70 - 130	04/14/23 09:33	04/14/23 12:53	1
1,4-Difluorobenzene (Surr)	100		70 - 130	04/14/23 09:33	04/14/23 12:53	1

Lab Sample ID: LCS 880-51145/1-A

Matrix: Solid

Analysis Batch: 51138

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 51145

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec	
							Limits	
Benzene	0.100	0.07915		mg/Kg		79	70 - 130	
Toluene	0.100	0.07582		mg/Kg		76	70 - 130	
Ethylbenzene	0.100	0.06842	*-	mg/Kg		68	70 - 130	
m-Xylene & p-Xylene	0.200	0.1359	*-	mg/Kg		68	70 - 130	
o-Xylene	0.100	0.07189		mg/Kg		72	70 - 130	

Surrogate	LCS		Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene (Surr)	101		70 - 130
1,4-Difluorobenzene (Surr)	106		70 - 130

Lab Sample ID: LCSD 880-51145/2-A

Matrix: Solid

Analysis Batch: 51138

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 51145

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec		RPD	Limit
							Limits	RPD		
Benzene	0.100	0.1083		mg/Kg		108	70 - 130	31		35
Toluene	0.100	0.1065		mg/Kg		106	70 - 130	34		35
Ethylbenzene	0.100	0.09740		mg/Kg		97	70 - 130	35		35

Eurofins Midland

QC Sample Results

Client: TRC Solutions, Inc.
Project/Site: SRO 5 State 506/507

Job ID: 880-27162-1
SDG: Loving NM

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: LCSD 880-51145/2-A

Matrix: Solid

Analysis Batch: 51138

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 51145

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
m-Xylene & p-Xylene	0.200	0.1940		mg/Kg		97	70 - 130	35	35
o-Xylene	0.100	0.09725		mg/Kg		97	70 - 130	30	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	100		70 - 130
1,4-Difluorobenzene (Surr)	111		70 - 130

Lab Sample ID: 880-27162-1 MS

Matrix: Solid

Analysis Batch: 51138

Client Sample ID: SW-12A

Prep Type: Total/NA

Prep Batch: 51145

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00200	U	0.0998	0.09697		mg/Kg		97	70 - 130
Toluene	<0.00200	U	0.0998	0.09182		mg/Kg		92	70 - 130
Ethylbenzene	<0.00200	U *	0.0998	0.08473		mg/Kg		85	70 - 130
m-Xylene & p-Xylene	<0.00401	U *	0.200	0.1666		mg/Kg		83	70 - 130
o-Xylene	<0.00200	U	0.0998	0.08298		mg/Kg		83	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	104		70 - 130
1,4-Difluorobenzene (Surr)	108		70 - 130

Lab Sample ID: 880-27162-1 MSD

Matrix: Solid

Analysis Batch: 51138

Client Sample ID: SW-12A

Prep Type: Total/NA

Prep Batch: 51145

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00200	U	0.100	0.08679		mg/Kg		86	70 - 130	11	35
Toluene	<0.00200	U	0.100	0.08457		mg/Kg		84	70 - 130	8	35
Ethylbenzene	<0.00200	U *	0.100	0.07596		mg/Kg		76	70 - 130	11	35
m-Xylene & p-Xylene	<0.00401	U *	0.201	0.1492		mg/Kg		74	70 - 130	11	35
o-Xylene	<0.00200	U	0.100	0.07529		mg/Kg		75	70 - 130	10	35

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	103		70 - 130
1,4-Difluorobenzene (Surr)	106		70 - 130

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

Lab Sample ID: MB 880-51185/1-A

Matrix: Solid

Analysis Batch: 51243

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 51185

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0	mg/Kg		04/14/23 12:00	04/15/23 09:44	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		04/14/23 12:00	04/15/23 09:44	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		04/14/23 12:00	04/15/23 09:44	1

Eurofins Midland

QC Sample Results

Client: TRC Solutions, Inc.
Project/Site: SRO 5 State 506/507

Job ID: 880-27162-1
SDG: Loving NM

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

	MB	MB								
Surrogate	%Recovery	Qualifier	Limits		Prepared	Analyzed	Dil	Fac		
1-Chlorooctane	96		70 - 130		04/14/23 12:00	04/15/23 09:44	1			
o-Terphenyl	106		70 - 130		04/14/23 12:00	04/15/23 09:44	1			

Lab Sample ID: LCS 880-51185/2-A
Matrix: Solid
Analysis Batch: 51243

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 51185

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10	1000	966.5		mg/Kg		97	70 - 130		
Diesel Range Organics (Over C10-C28)	1000	1008		mg/Kg		101	70 - 130		

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1-Chlorooctane	78		70 - 130
o-Terphenyl	80		70 - 130

Lab Sample ID: LCSD 880-51185/3-A
Matrix: Solid
Analysis Batch: 51243

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 51185

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	880.8		mg/Kg		88	70 - 130	9	20
Diesel Range Organics (Over C10-C28)	1000	936.6		mg/Kg		94	70 - 130	7	20

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1-Chlorooctane	77		70 - 130
o-Terphenyl	79		70 - 130

Lab Sample ID: 890-4507-A-9-C MS
Matrix: Solid
Analysis Batch: 51243

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 51185

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	997	1061		mg/Kg		105	70 - 130		
Diesel Range Organics (Over C10-C28)	<50.0	U	997	903.2		mg/Kg		86	70 - 130		

Surrogate	MS %Recovery	MS Qualifier	Limits
1-Chlorooctane	77		70 - 130
o-Terphenyl	71		70 - 130

Lab Sample ID: 890-4507-A-9-D MSD
Matrix: Solid
Analysis Batch: 51243

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 51185

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	1000	1069		mg/Kg		105	70 - 130	1	20

Eurofins Midland

QC Sample Results

Client: TRC Solutions, Inc.
Project/Site: SRO 5 State 506/507

Job ID: 880-27162-1
SDG: Loving NM

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

Lab Sample ID: 890-4507-A-9-D MSD

Matrix: Solid

Analysis Batch: 51243

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 51185

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Diesel Range Organics (Over C10-C28)	<50.0	U	1000	936.2		mg/Kg		89	70 - 130	4	20
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
1-Chlorooctane	78		70 - 130								
o-Terphenyl	73		70 - 130								

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-51144/1-A

Matrix: Solid

Analysis Batch: 51175

Client Sample ID: Method Blank

Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00	mg/Kg			04/14/23 10:33	1

Lab Sample ID: LCS 880-51144/2-A

Matrix: Solid

Analysis Batch: 51175

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	229.6		mg/Kg		92	90 - 110

Lab Sample ID: LCSD 880-51144/3-A

Matrix: Solid

Analysis Batch: 51175

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	250	230.5		mg/Kg		92	90 - 110	0	20

Lab Sample ID: 880-27159-A-11-C MS

Matrix: Solid

Analysis Batch: 51175

Client Sample ID: Matrix Spike

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	655	F1	251	846.5	F1	mg/Kg		77	90 - 110

Lab Sample ID: 880-27159-A-11-D MSD

Matrix: Solid

Analysis Batch: 51175

Client Sample ID: Matrix Spike Duplicate

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	655	F1	251	848.0	F1	mg/Kg		77	90 - 110	0	20

Eurofins Midland

QC Association Summary

Client: TRC Solutions, Inc.
Project/Site: SRO 5 State 506/507

Job ID: 880-27162-1
SDG: Loving NM

GC VOA

Prep Batch: 51077

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-51077/5-A	Method Blank	Total/NA	Water	5035	

Analysis Batch: 51138

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-27162-1	SW-12A	Total/NA	Solid	8021B	51145
880-27162-2	SW-15	Total/NA	Solid	8021B	51145
880-27162-3	SW-16	Total/NA	Solid	8021B	51145
880-27162-4	TB-04132023	Total/NA	Water	8021B	
880-27162-5	Dup-10	Total/NA	Solid	8021B	51145
MB 880-51077/5-A	Method Blank	Total/NA	Water	8021B	51077
MB 880-51138/101	Method Blank	Total/NA	Water	8021B	
MB 880-51145/5-A	Method Blank	Total/NA	Solid	8021B	51145
LCS 880-51138/96	Lab Control Sample	Total/NA	Water	8021B	
LCS 880-51145/1-A	Lab Control Sample	Total/NA	Solid	8021B	51145
LCSD 880-51138/97	Lab Control Sample Dup	Total/NA	Water	8021B	
LCSD 880-51145/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	51145
880-27162-1 MS	SW-12A	Total/NA	Solid	8021B	51145
880-27162-1 MSD	SW-12A	Total/NA	Solid	8021B	51145

Prep Batch: 51145

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-27162-1	SW-12A	Total/NA	Solid	5035	
880-27162-2	SW-15	Total/NA	Solid	5035	
880-27162-3	SW-16	Total/NA	Solid	5035	
880-27162-5	Dup-10	Total/NA	Solid	5035	
MB 880-51145/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-51145/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-51145/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-27162-1 MS	SW-12A	Total/NA	Solid	5035	
880-27162-1 MSD	SW-12A	Total/NA	Solid	5035	

Analysis Batch: 51220

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-27162-1	SW-12A	Total/NA	Solid	Total BTEX	
880-27162-2	SW-15	Total/NA	Solid	Total BTEX	
880-27162-3	SW-16	Total/NA	Solid	Total BTEX	
880-27162-4	TB-04132023	Total/NA	Water	Total BTEX	
880-27162-5	Dup-10	Total/NA	Solid	Total BTEX	

GC Semi VOA

Prep Batch: 51185

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-27162-1	SW-12A	Total/NA	Solid	8015NM Prep	
880-27162-2	SW-15	Total/NA	Solid	8015NM Prep	
880-27162-3	SW-16	Total/NA	Solid	8015NM Prep	
880-27162-5	Dup-10	Total/NA	Solid	8015NM Prep	
MB 880-51185/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-51185/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-51185/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-4507-A-9-C MS	Matrix Spike	Total/NA	Solid	8015NM Prep	

Eurofins Midland

QC Association Summary

Client: TRC Solutions, Inc.
Project/Site: SRO 5 State 506/507

Job ID: 880-27162-1
SDG: Loving NM

GC Semi VOA (Continued)

Prep Batch: 51185 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-4507-A-9-D MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Analysis Batch: 51243

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-27162-1	SW-12A	Total/NA	Solid	8015B NM	51185
880-27162-2	SW-15	Total/NA	Solid	8015B NM	51185
880-27162-3	SW-16	Total/NA	Solid	8015B NM	51185
880-27162-5	Dup-10	Total/NA	Solid	8015B NM	51185
MB 880-51185/1-A	Method Blank	Total/NA	Solid	8015B NM	51185
LCS 880-51185/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	51185
LCSD 880-51185/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	51185
890-4507-A-9-C MS	Matrix Spike	Total/NA	Solid	8015B NM	51185
890-4507-A-9-D MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	51185

Analysis Batch: 51302

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-27162-1	SW-12A	Total/NA	Solid	8015 NM	
880-27162-2	SW-15	Total/NA	Solid	8015 NM	
880-27162-3	SW-16	Total/NA	Solid	8015 NM	
880-27162-5	Dup-10	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 51144

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-27162-1	SW-12A	Soluble	Solid	DI Leach	
880-27162-2	SW-15	Soluble	Solid	DI Leach	
880-27162-3	SW-16	Soluble	Solid	DI Leach	
880-27162-5	Dup-10	Soluble	Solid	DI Leach	
MB 880-51144/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-51144/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-51144/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-27159-A-11-C MS	Matrix Spike	Soluble	Solid	DI Leach	
880-27159-A-11-D MSD	Matrix Spike Duplicate	Soluble	Solid	DI Leach	

Analysis Batch: 51175

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-27162-1	SW-12A	Soluble	Solid	300.0	51144
880-27162-2	SW-15	Soluble	Solid	300.0	51144
880-27162-3	SW-16	Soluble	Solid	300.0	51144
880-27162-5	Dup-10	Soluble	Solid	300.0	51144
MB 880-51144/1-A	Method Blank	Soluble	Solid	300.0	51144
LCS 880-51144/2-A	Lab Control Sample	Soluble	Solid	300.0	51144
LCSD 880-51144/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	51144
880-27159-A-11-C MS	Matrix Spike	Soluble	Solid	300.0	51144
880-27159-A-11-D MSD	Matrix Spike Duplicate	Soluble	Solid	300.0	51144

Eurofins Midland

Lab Chronicle

Client: TRC Solutions, Inc.
Project/Site: SRO 5 State 506/507

Job ID: 880-27162-1
SDG: Loving NM

Client Sample ID: SW-12A

Lab Sample ID: 880-27162-1

Date Collected: 04/13/23 10:30

Matrix: Solid

Date Received: 04/14/23 08:09

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 mL	51145	04/14/23 09:33	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	51138	04/14/23 13:22	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			51220	04/14/23 17:13	SM	EET MID
Total/NA	Analysis	8015 NM		1			51302	04/17/23 09:43	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	51185	04/14/23 12:00	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	51243	04/15/23 16:05	SM	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	51144	04/14/23 09:26	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	51175	04/14/23 12:40	SMC	EET MID

Client Sample ID: SW-15

Lab Sample ID: 880-27162-2

Date Collected: 04/12/23 10:05

Matrix: Solid

Date Received: 04/14/23 08:09

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 mL	51145	04/14/23 09:33	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	51138	04/14/23 13:42	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			51220	04/14/23 17:13	SM	EET MID
Total/NA	Analysis	8015 NM		1			51302	04/17/23 09:43	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	51185	04/14/23 12:00	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	51243	04/15/23 16:48	SM	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	51144	04/14/23 09:26	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	51175	04/14/23 12:45	SMC	EET MID

Client Sample ID: SW-16

Lab Sample ID: 880-27162-3

Date Collected: 04/12/23 10:00

Matrix: Solid

Date Received: 04/14/23 08:09

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 mL	51145	04/14/23 09:33	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	51138	04/14/23 14:02	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			51220	04/14/23 17:13	SM	EET MID
Total/NA	Analysis	8015 NM		1			51302	04/17/23 09:43	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	51185	04/14/23 12:00	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	51243	04/15/23 17:10	SM	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	51144	04/14/23 09:26	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	51175	04/14/23 12:49	SMC	EET MID

Client Sample ID: TB-04132023

Lab Sample ID: 880-27162-4

Date Collected: 04/13/23 15:00

Matrix: Water

Date Received: 04/14/23 08:09

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8021B		1	5 mL	5 mL	51138	04/16/23 08:47	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			51220	04/17/23 14:06	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: TRC Solutions, Inc.
Project/Site: SRO 5 State 506/507

Job ID: 880-27162-1
SDG: Loving NM

Client Sample ID: Dup-10

Lab Sample ID: 880-27162-5

Date Collected: 04/12/23 00:00

Matrix: Solid

Date Received: 04/14/23 08:09

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 mL	51145	04/14/23 09:33	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	51138	04/14/23 14:23	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			51220	04/14/23 17:13	SM	EET MID
Total/NA	Analysis	8015 NM		1			51302	04/17/23 09:43	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	51185	04/14/23 12:00	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	51243	04/15/23 17:32	SM	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	51144	04/14/23 09:26	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	51175	04/14/23 12:54	SMC	EET MID

Laboratory References:
EET MID = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

Accreditation/Certification Summary

Client: TRC Solutions, Inc.
Project/Site: SRO 5 State 506/507

Job ID: 880-27162-1
SDG: Loving NM

Laboratory: Eurofins Midland

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

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704400-22-25	06-30-23

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
8015 NM		Solid	Total TPH
Total BTEX		Solid	Total BTEX
Total BTEX		Water	Total BTEX

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

Method Summary

Client: TRC Solutions, Inc.
Project/Site: SRO 5 State 506/507

Job ID: 880-27162-1
SDG: Loving NM

Method	Method Description	Protocol	Laboratory
8021B	Volatile Organic Compounds (GC)	SW846	EET MID
Total BTEX	Total BTEX Calculation	TAL SOP	EET MID
8015 NM	Diesel Range Organics (DRO) (GC)	SW846	EET MID
8015B NM	Diesel Range Organics (DRO) (GC)	SW846	EET MID
300.0	Anions, Ion Chromatography	EPA	EET MID
5030B	Purge and Trap	SW846	EET MID
5035	Closed System Purge and Trap	SW846	EET MID
8015NM Prep	Microextraction	SW846	EET MID
DI Leach	Deionized Water Leaching Procedure	ASTM	EET MID

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.

TAL SOP = TestAmerica Laboratories, Standard Operating Procedure

Laboratory References:

EET MID = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

Sample Summary

Client: TRC Solutions, Inc.
Project/Site: SRO 5 State 506/507

Job ID: 880-27162-1
SDG: Loving NM

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
880-27162-1	SW-12A	Solid	04/13/23 10:30	04/14/23 08:09
880-27162-2	SW-15	Solid	04/12/23 10:05	04/14/23 08:09
880-27162-3	SW-16	Solid	04/12/23 10:00	04/14/23 08:09
880-27162-4	TB-04132023	Water	04/13/23 15:00	04/14/23 08:09
880-27162-5	Dup-10	Solid	04/12/23 00:00	04/14/23 08:09

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



Test your knowledge

Houston, TX (281) 240-4200, Dallas, TX (214) 902-0300
Midland, TX (432) 704-5440 San Antonio, TX (210) 509-3334
El Paso, TX (915) 585-3443 Lubbock, TX (806) 794-1296
Hobbs, NM (575) 392-7550, Carlsbad, NM (575) 988-3199

Chain of Custody

Work Order No: 27162

www.xenco.com Page 1 of 1

Project Manager	Jared Stoffel	Bill to, (if different)	
Company Name	TPC	Company Name	
Address:	10 Desha Dr. SR 130E	Address:	
City, State ZIP	Midland, TX 79705	City, State ZIP	
Phone	432-238-3003	Email	Jared.Mitchell@TPC.com

Work Order Comments					
Program:	UST/PST ☐	PRP ☐	Brownfields ☐	RRC ☐	Superfund ☐
State of Project:	NM				
Reporting	Level II ☐	Level III ☐	PST/UST ☐	TRRP ☐	Level IV ☐
Deliverables	EDD ☐	Adapt ☐	Other.		

Project Name:	SLO 5 STEAK 506/507		Turn Around				ANALYSIS REQUEST		Preservative Codes	
Project Number:	450169		☐ Routine	☒ Rusty	2hr				None NO	
Project Location	Leaving NY		Due Date						Cool Cool	
Sampler's Name:	MASH BRYAN		TAT starts the day received by the lab, if received by 4:30pm						HCL.HC	
PO #									H ₂ SO ₄ .H ₂	
SAMPLE RECEIPT			Temp Blank:	Yes	No	Wet Ice:	Yes	No	H ₃ PO ₄ .HP	
Samples Received Intact:	Yes		No	Thermometer ID				NaHSO ₄ .NABIS		
Cooler Custody Seals:	Yes		No	Correction Factor:		-0.3		Na ₂ S ₂ O ₃ .NASO ₃		
Sample Custody Seals:	Yes		No	Temperature Reading:		0.0		Zn Acetate+NaOH Zn		
Total Containers:			Corrected Temperature:		6.3				NaOH+Ascorbic Acid SAPC	
Parameters			Pres. Code							
801SM										
X 8021B										
r.12L										

[illegible]

880-27162 Chain of Custody

Total 200.7 / 6010	200.8 / 6020:	8RCRA 13PPM Texas 11	Al	Sb	As	Ba	Be	B	Cd	Ca	Cr	Co	Cu	Fe	Pb	Mg	Mn	Mo	Ni	K	Se	Ag	SiO ₂	Na	Sr	Ti	Sn	U	V	Zn	
Circle Method(s) and Metal(s) to be analyzed		TC1P / SPLP 6010	8RCRA	Sb	As	Ba	Be	Cd	Cr	Co <td>Cu</td> <td>Pb</td> <td>Mn</td> <td>Mo</td> <td>Ni</td> <td>Se <td>Ag</td> <td>Ti</td> <td>U</td> <td></td> <td></td> <td></td> <td>Hg</td> <td>1631 / 2451</td> <td>7470 / 7471</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </td>	Cu	Pb	Mn	Mo	Ni	Se <td>Ag</td> <td>Ti</td> <td>U</td> <td></td> <td></td> <td></td> <td>Hg</td> <td>1631 / 2451</td> <td>7470 / 7471</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>	Ag	Ti	U				Hg	1631 / 2451	7470 / 7471						

Notice: Signature of this document and Inquisition of samples constitutes a valid purchase order from client company to Eurofins Xeno, its affiliates and subcontractors. It assigns standard terms and conditions of service. Eurofins Xeno will be liable only for the cost of samples and shall not assume any responsibility for any losses or expenses incurred by the client if such losses are due to circumstances beyond the control of Eurofins Xeno. A minimum charge of \$85.00 will be applied to each project and a charge of \$5 for each sample submitted to Eurofins Xeno, but not analyzed. These terms will be enforced unless previously negotiated.

Relinquished by (Signature)	Received by (Signature)	Date/Time	Relinquished by (Signature)	Received by (Signature)	Date/Time
1 <i>Mark B. Murphy</i>	<i>[Signature]</i>	4/14/13	2		
3		0804	4		
5			6		

Login Sample Receipt Checklist

Client: TRC Solutions, Inc.

Job Number: 880-27162-1

SDG Number: Loving NM

Login Number: 27162

List Number: 1

Creator: Rodriguez, Leticia

List Source: Eurofins Midland

Question	Answer	Comment
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	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	



Environment Testing

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

ANALYTICAL REPORT

PREPARED FOR

Attn: Jared Stoffel
TRC Solutions, Inc.
10 Desta Drive
Suite #130E
Midland, Texas 79705

Generated 4/21/2023 1:38:49 PM

JOB DESCRIPTION

SRO 5 State 506/507
SDG NUMBER Loving NM

JOB NUMBER

880-27296-1

Eurofins Midland
1211 W. Florida Ave
Midland TX 79701

Eurofins Midland

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.

Analytical test results meet all requirements of the associated regulatory program (i.e., NELAC (TNI), DoD, and ISO 17025) unless otherwise noted under the individual analysis.

Authorization



Generated
4/21/2023 1:38:49 PM

Authorized for release by
Jessica Kramer, Project Manager
Jessica.Kramer@et.eurofinsus.com
(432)704-5440

Client: TRC Solutions, Inc.
Project/Site: SRO 5 State 506/507

Laboratory Job ID: 880-27296-1
SDG: Loving NM

Table of Contents

Cover Page	1
Table of Contents	3
Definitions/Glossary	4
Case Narrative	5
Client Sample Results	7
Surrogate Summary	30
QC Sample Results	33
QC Association Summary	45
Lab Chronicle	53
Certification Summary	62
Method Summary	63
Sample Summary	64
Chain of Custody	65
Receipt Checklists	68

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

Definitions/Glossary

Client: TRC Solutions, Inc.
Project/Site: SRO 5 State 506/507

Job ID: 880-27296-1
SDG: Loving NM

Qualifiers

GC VOA

Qualifier	Qualifier Description
*1	LCS/LCSD RPD exceeds control limits.
F1	MS and/or MSD recovery exceeds control limits.
S1+	Surrogate recovery exceeds control limits, high biased.
U	Indicates the analyte was analyzed for but not detected.

GC Semi VOA

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

Case Narrative

Client: TRC Solutions, Inc.
Project/Site: SRO 5 State 506/507

Job ID: 880-27296-1
SDG: Loving NM

Job ID: 880-27296-1

Laboratory: Eurofins Midland

Narrative**Job Narrative
880-27296-1****Receipt**

The samples were received on 4/18/2023 4:08 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 5.5°C

Receipt Exceptions

The following samples were received and analyzed from an unpreserved bulk soil jar: FL-19 @ 8' (880-27296-1), FL-20 @ 7' (880-27296-2), FL-21 @ 7' (880-27296-3), FL-22 @ 6' (880-27296-4), FL-23 @ 6' (880-27296-5), FL-24 @ 6' (880-27296-6), FL-25 @ 6' (880-27296-7), FL-26 @ 6' (880-27296-8), FL-27 @ 6' (880-27296-9), FL-28 @ 6' (880-27296-10), SW-17 (880-27296-11), SW-18 (880-27296-12), SW-19 (880-27296-13), SW-20 (880-27296-14), SW-21 (880-27296-15), SW-22 (880-27296-16), SW-23 (880-27296-17), SW-24 (880-27296-18), SW-25 (880-27296-19), FL-29 @ 3' (880-27296-20), FL-30 @ 3' (880-27296-21), FL-31 @ 3' (880-27296-22), FL-32 @ 3' (880-27296-23), FL-33 @ 3' (880-27296-24), FL-34 @ 3' (880-27296-25), FL-35 @ 10' (880-27296-26), FL-36 @ 8' (880-27296-27), FL-37 @ 8' (880-27296-28), FL-38 @ 8' (880-27296-29) and TB-04182023 (880-27296-30).

GC VOA

Method 8021B: The laboratory control sample (LCS) associated with analytical batch 880-51574 was outside acceptance criteria. Re-extraction and/or re-analysis could not be performed; therefore, the data have been reported. The batch matrix spike/matrix spike duplicate (MS/MSD) was within acceptance limits and may be used to evaluate matrix performance.

Method 8021B: Surrogate recovery for the following sample was outside control limits: (880-27296-A-1-A MS). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8021B: Surrogate recovery for the following samples were outside control limits: (880-27296-A-11-B MS) and (880-27296-A-11-C MSD). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8021B: The matrix spike duplicate (MSD) recoveries for preparation batch 880-51462 and analytical batch 880-51463 were outside control limits. Non-homogeneity is suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

Method 8021B: Surrogate recovery for the following sample was outside control limits: (880-27296-A-21-C MSD). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

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

GC Semi VOA

Method 8015MOD_NM: The surrogate recovery for the blank associated with preparation batch 880-51461 and analytical batch 880-51456 was outside the upper control limits.

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: FL-19 @ 8' (880-27296-1), (880-27296-A-1-J MS) and (880-27296-A-1-K MSD). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: FL-20 @ 7' (880-27296-2), FL-21 @ 7' (880-27296-3), FL-22 @ 6' (880-27296-4), FL-23 @ 6' (880-27296-5), FL-24 @ 6' (880-27296-6), FL-25 @ 6' (880-27296-7), FL-26 @ 6' (880-27296-8), FL-27 @ 6' (880-27296-9) and FL-28 @ 6' (880-27296-10). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: SW-17 (880-27296-11), SW-18 (880-27296-12), SW-19 (880-27296-13), SW-20 (880-27296-14), SW-21 (880-27296-15), SW-22 (880-27296-16), SW-23 (880-27296-17), SW-24 (880-27296-18), SW-25 (880-27296-19) and FL-29 @ 3' (880-27296-20). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Case Narrative

Client: TRC Solutions, Inc.
Project/Site: SRO 5 State 506/507

Job ID: 880-27296-1
SDG: Loving NM

Job ID: 880-27296-1 (Continued)**Laboratory: Eurofins Midland (Continued)**

Method 8015MOD_NM: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-51461 and analytical batch 880-51456 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 8015MOD_NM: Surrogate recovery for the following sample was outside control limits: (880-27296-A-21-F MS). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8015MOD_NM: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-51466 and analytical batch 880-51458 were outside control limits for one or more analytes, see QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

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

HPLC/IC

Method 300_ORGFM_28D: New analyst spiked the LCS/D at 20ppm.(LCS 880-51506/2-A) and (LCSD 880-51506/3-A)

Method 300_ORGFM_28D: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-51506 and analytical batch 880-51627 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.FL-19 @ 8' (880-27296-1), FL-20 @ 7' (880-27296-2), FL-21 @ 7' (880-27296-3), FL-22 @ 6' (880-27296-4), FL-23 @ 6' (880-27296-5), FL-24 @ 6' (880-27296-6), FL-25 @ 6' (880-27296-7), FL-26 @ 6' (880-27296-8), FL-27 @ 6' (880-27296-9), FL-28 @ 6' (880-27296-10), (880-27296-A-1-H MS) and (880-27296-A-1-I MSD)

Method 300_ORGFM_28D: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-51506 and analytical batch 880-51627 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.SW-17 (880-27296-11), SW-18 (880-27296-12), SW-19 (880-27296-13), SW-20 (880-27296-14), SW-21 (880-27296-15), SW-22 (880-27296-16), SW-23 (880-27296-17), SW-24 (880-27296-18), SW-25 (880-27296-19), FL-29 @ 3' (880-27296-20), (880-27296-A-11-G MS) and (880-27296-A-11-H MSD)

Method 300_ORGFM_28D: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-51499 and analytical batch 880-51636 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.FL-30 @ 3' (880-27296-21), FL-31 @ 3' (880-27296-22), FL-32 @ 3' (880-27296-23), FL-33 @ 3' (880-27296-24), FL-34 @ 3' (880-27296-25), FL-35 @ 10' (880-27296-26), FL-36 @ 8' (880-27296-27), FL-37 @ 8' (880-27296-28), (880-27296-A-21-I MS) and (880-27296-A-21-J MSD)

Method 300_ORGFM_28D: The matrix spike duplicate (MSD) recoveries for preparation batch 880-51507 and 880-51507 and analytical batch 880-51712 were outside control limits. Non-homogeneity is suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.FL-38 @ 8' (880-27296-29), (880-27302-A-2-C) and (880-27302-A-2-E MSD)

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

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: SRO 5 State 506/507

Job ID: 880-27296-1
SDG: Loving NM

Client Sample ID: FL-19 @ 8'

Lab Sample ID: 880-27296-1

Date Collected: 04/17/23 08:00

Matrix: Solid

Date Received: 04/18/23 16:08

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		04/18/23 16:20	04/19/23 12:30	1
Toluene	<0.00200	U	0.00200	mg/Kg		04/18/23 16:20	04/19/23 12:30	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		04/18/23 16:20	04/19/23 12:30	1
m-Xylene & p-Xylene	<0.00399	U	0.00399	mg/Kg		04/18/23 16:20	04/19/23 12:30	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		04/18/23 16:20	04/19/23 12:30	1
Xylenes, Total	<0.00399	U	0.00399	mg/Kg		04/18/23 16:20	04/19/23 12:30	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	107		70 - 130	04/18/23 16:20	04/19/23 12:30	1
1,4-Difluorobenzene (Surr)	105		70 - 130	04/18/23 16:20	04/19/23 12:30	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399	mg/Kg			04/19/23 14:57	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9	mg/Kg			04/20/23 09:13	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9	mg/Kg		04/19/23 08:18	04/19/23 11:22	1
Diesel Range Organics (Over C10-C28)	<49.9	U F1	49.9	mg/Kg		04/19/23 08:18	04/19/23 11:22	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg		04/19/23 08:18	04/19/23 11:22	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	146	S1+	70 - 130	04/19/23 08:18	04/19/23 11:22	1
o-Terphenyl	140	S1+	70 - 130	04/19/23 08:18	04/19/23 11:22	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	209	F1	4.98	mg/Kg			04/20/23 01:06	1

Client Sample ID: FL-20 @ 7'

Lab Sample ID: 880-27296-2

Date Collected: 04/17/23 08:05

Matrix: Solid

Date Received: 04/18/23 16:08

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201	mg/Kg		04/18/23 16:20	04/19/23 12:51	1
Toluene	<0.00201	U	0.00201	mg/Kg		04/18/23 16:20	04/19/23 12:51	1
Ethylbenzene	<0.00201	U	0.00201	mg/Kg		04/18/23 16:20	04/19/23 12:51	1
m-Xylene & p-Xylene	<0.00402	U	0.00402	mg/Kg		04/18/23 16:20	04/19/23 12:51	1
o-Xylene	<0.00201	U	0.00201	mg/Kg		04/18/23 16:20	04/19/23 12:51	1
Xylenes, Total	<0.00402	U	0.00402	mg/Kg		04/18/23 16:20	04/19/23 12:51	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	109		70 - 130	04/18/23 16:20	04/19/23 12:51	1
1,4-Difluorobenzene (Surr)	99		70 - 130	04/18/23 16:20	04/19/23 12:51	1

Eurofins Midland

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: SRO 5 State 506/507

Job ID: 880-27296-1
SDG: Loving NM

Client Sample ID: FL-20 @ 7'

Lab Sample ID: 880-27296-2

Date Collected: 04/17/23 08:05

Matrix: Solid

Date Received: 04/18/23 16:08

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402	mg/Kg			04/19/23 14:57	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9	mg/Kg			04/20/23 09:13	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9	mg/Kg		04/19/23 08:18	04/19/23 12:27	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9	mg/Kg		04/19/23 08:18	04/19/23 12:27	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg		04/19/23 08:18	04/19/23 12:27	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	148	S1+	70 - 130			04/19/23 08:18	04/19/23 12:27	1
o-Terphenyl	142	S1+	70 - 130			04/19/23 08:18	04/19/23 12:27	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	210		5.03	mg/Kg			04/20/23 01:20	1

Client Sample ID: FL-21 @ 7'

Lab Sample ID: 880-27296-3

Date Collected: 04/17/23 08:10

Matrix: Solid

Date Received: 04/18/23 16:08

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		04/18/23 16:20	04/19/23 13:11	1
Toluene	<0.00200	U	0.00200	mg/Kg		04/18/23 16:20	04/19/23 13:11	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		04/18/23 16:20	04/19/23 13:11	1
m-Xylene & p-Xylene	<0.00401	U	0.00401	mg/Kg		04/18/23 16:20	04/19/23 13:11	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		04/18/23 16:20	04/19/23 13:11	1
Xylenes, Total	<0.00401	U	0.00401	mg/Kg		04/18/23 16:20	04/19/23 13:11	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	115		70 - 130			04/18/23 16:20	04/19/23 13:11	1
1,4-Difluorobenzene (Surr)	103		70 - 130			04/18/23 16:20	04/19/23 13:11	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401	mg/Kg			04/19/23 14:57	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9	mg/Kg			04/20/23 09:13	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9	mg/Kg		04/19/23 08:18	04/19/23 12:48	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9	mg/Kg		04/19/23 08:18	04/19/23 12:48	1

Eurofins Midland

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: SRO 5 State 506/507

Job ID: 880-27296-1
SDG: Loving NM

Client Sample ID: FL-21 @ 7'

Lab Sample ID: 880-27296-3

Date Collected: 04/17/23 08:10

Matrix: Solid

Date Received: 04/18/23 16:08

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg		04/19/23 08:18	04/19/23 12:48	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	138	S1+	70 - 130			04/19/23 08:18	04/19/23 12:48	1
o-Terphenyl	134	S1+	70 - 130			04/19/23 08:18	04/19/23 12:48	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	244		5.01	mg/Kg			04/20/23 01:25	1

Client Sample ID: FL-22 @ 6'

Lab Sample ID: 880-27296-4

Date Collected: 04/17/23 08:15

Matrix: Solid

Date Received: 04/18/23 16:08

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199	mg/Kg		04/18/23 16:20	04/19/23 13:32	1
Toluene	<0.00199	U	0.00199	mg/Kg		04/18/23 16:20	04/19/23 13:32	1
Ethylbenzene	<0.00199	U	0.00199	mg/Kg		04/18/23 16:20	04/19/23 13:32	1
m-Xylene & p-Xylene	<0.00398	U	0.00398	mg/Kg		04/18/23 16:20	04/19/23 13:32	1
o-Xylene	<0.00199	U	0.00199	mg/Kg		04/18/23 16:20	04/19/23 13:32	1
Xylenes, Total	<0.00398	U	0.00398	mg/Kg		04/18/23 16:20	04/19/23 13:32	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	120		70 - 130			04/18/23 16:20	04/19/23 13:32	1
1,4-Difluorobenzene (Surr)	106		70 - 130			04/18/23 16:20	04/19/23 13:32	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398	mg/Kg			04/19/23 14:57	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0	mg/Kg			04/20/23 09:13	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0	mg/Kg		04/19/23 08:18	04/19/23 13:10	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		04/19/23 08:18	04/19/23 13:10	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		04/19/23 08:18	04/19/23 13:10	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	146	S1+	70 - 130			04/19/23 08:18	04/19/23 13:10	1
o-Terphenyl	134	S1+	70 - 130			04/19/23 08:18	04/19/23 13:10	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	214		5.01	mg/Kg			04/20/23 01:30	1

Eurofins Midland

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: SRO 5 State 506/507

Job ID: 880-27296-1
SDG: Loving NM

Client Sample ID: FL-23 @ 6'

Lab Sample ID: 880-27296-5

Date Collected: 04/17/23 08:20

Matrix: Solid

Date Received: 04/18/23 16:08

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198	mg/Kg		04/18/23 16:20	04/19/23 13:52	1
Toluene	<0.00198	U	0.00198	mg/Kg		04/18/23 16:20	04/19/23 13:52	1
Ethylbenzene	<0.00198	U	0.00198	mg/Kg		04/18/23 16:20	04/19/23 13:52	1
m-Xylene & p-Xylene	<0.00396	U	0.00396	mg/Kg		04/18/23 16:20	04/19/23 13:52	1
o-Xylene	<0.00198	U	0.00198	mg/Kg		04/18/23 16:20	04/19/23 13:52	1
Xylenes, Total	<0.00396	U	0.00396	mg/Kg		04/18/23 16:20	04/19/23 13:52	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	110		70 - 130	04/18/23 16:20	04/19/23 13:52	1
1,4-Difluorobenzene (Surr)	107		70 - 130	04/18/23 16:20	04/19/23 13:52	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396	mg/Kg			04/19/23 14:57	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9	mg/Kg			04/20/23 09:13	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9	mg/Kg		04/19/23 08:18	04/19/23 13:32	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9	mg/Kg		04/19/23 08:18	04/19/23 13:32	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg		04/19/23 08:18	04/19/23 13:32	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	142	S1+	70 - 130	04/19/23 08:18	04/19/23 13:32	1
o-Terphenyl	136	S1+	70 - 130	04/19/23 08:18	04/19/23 13:32	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	214		4.97	mg/Kg			04/20/23 01:35	1

Client Sample ID: FL-24 @ 6'

Lab Sample ID: 880-27296-6

Date Collected: 04/17/23 08:25

Matrix: Solid

Date Received: 04/18/23 16:08

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199	mg/Kg		04/18/23 16:20	04/19/23 14:13	1
Toluene	<0.00199	U	0.00199	mg/Kg		04/18/23 16:20	04/19/23 14:13	1
Ethylbenzene	<0.00199	U	0.00199	mg/Kg		04/18/23 16:20	04/19/23 14:13	1
m-Xylene & p-Xylene	<0.00398	U	0.00398	mg/Kg		04/18/23 16:20	04/19/23 14:13	1
o-Xylene	<0.00199	U	0.00199	mg/Kg		04/18/23 16:20	04/19/23 14:13	1
Xylenes, Total	<0.00398	U	0.00398	mg/Kg		04/18/23 16:20	04/19/23 14:13	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	109		70 - 130	04/18/23 16:20	04/19/23 14:13	1
1,4-Difluorobenzene (Surr)	104		70 - 130	04/18/23 16:20	04/19/23 14:13	1

Eurofins Midland

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: SRO 5 State 506/507

Job ID: 880-27296-1
SDG: Loving NM

Client Sample ID: FL-24 @ 6'

Lab Sample ID: 880-27296-6

Date Collected: 04/17/23 08:25

Matrix: Solid

Date Received: 04/18/23 16:08

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398	mg/Kg			04/19/23 14:57	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8	mg/Kg			04/20/23 09:13	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8	mg/Kg		04/19/23 08:18	04/19/23 13:53	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8	mg/Kg		04/19/23 08:18	04/19/23 13:53	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8	mg/Kg		04/19/23 08:18	04/19/23 13:53	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	148	S1+	70 - 130			04/19/23 08:18	04/19/23 13:53	1
o-Terphenyl	142	S1+	70 - 130			04/19/23 08:18	04/19/23 13:53	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	229		4.95	mg/Kg			04/20/23 01:49	1

Client Sample ID: FL-25 @ 6'

Lab Sample ID: 880-27296-7

Date Collected: 04/17/23 08:30

Matrix: Solid

Date Received: 04/18/23 16:08

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		04/18/23 16:20	04/19/23 14:33	1
Toluene	<0.00200	U	0.00200	mg/Kg		04/18/23 16:20	04/19/23 14:33	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		04/18/23 16:20	04/19/23 14:33	1
m-Xylene & p-Xylene	<0.00399	U	0.00399	mg/Kg		04/18/23 16:20	04/19/23 14:33	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		04/18/23 16:20	04/19/23 14:33	1
Xylenes, Total	<0.00399	U	0.00399	mg/Kg		04/18/23 16:20	04/19/23 14:33	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	106		70 - 130			04/18/23 16:20	04/19/23 14:33	1
1,4-Difluorobenzene (Surr)	106		70 - 130			04/18/23 16:20	04/19/23 14:33	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399	mg/Kg			04/19/23 14:57	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9	mg/Kg			04/20/23 09:13	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9	mg/Kg		04/19/23 08:18	04/19/23 14:15	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9	mg/Kg		04/19/23 08:18	04/19/23 14:15	1

Eurofins Midland

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: SRO 5 State 506/507

Job ID: 880-27296-1
SDG: Loving NM

Client Sample ID: FL-25 @ 6'

Lab Sample ID: 880-27296-7

Date Collected: 04/17/23 08:30

Matrix: Solid

Date Received: 04/18/23 16:08

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg		04/19/23 08:18	04/19/23 14:15	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	141	S1+	70 - 130			04/19/23 08:18	04/19/23 14:15	1
o-Terphenyl	137	S1+	70 - 130			04/19/23 08:18	04/19/23 14:15	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	232		5.04	mg/Kg			04/20/23 01:54	1

Client Sample ID: FL-26 @ 6'

Lab Sample ID: 880-27296-8

Date Collected: 04/17/23 08:35

Matrix: Solid

Date Received: 04/18/23 16:08

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201	mg/Kg		04/18/23 16:20	04/19/23 14:53	1
Toluene	<0.00201	U	0.00201	mg/Kg		04/18/23 16:20	04/19/23 14:53	1
Ethylbenzene	<0.00201	U	0.00201	mg/Kg		04/18/23 16:20	04/19/23 14:53	1
m-Xylene & p-Xylene	<0.00402	U	0.00402	mg/Kg		04/18/23 16:20	04/19/23 14:53	1
o-Xylene	<0.00201	U	0.00201	mg/Kg		04/18/23 16:20	04/19/23 14:53	1
Xylenes, Total	<0.00402	U	0.00402	mg/Kg		04/18/23 16:20	04/19/23 14:53	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	114		70 - 130			04/18/23 16:20	04/19/23 14:53	1
1,4-Difluorobenzene (Surr)	107		70 - 130			04/18/23 16:20	04/19/23 14:53	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402	mg/Kg			04/20/23 09:56	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8	mg/Kg			04/20/23 09:13	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8	mg/Kg		04/19/23 08:18	04/19/23 14:37	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8	mg/Kg		04/19/23 08:18	04/19/23 14:37	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8	mg/Kg		04/19/23 08:18	04/19/23 14:37	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	148	S1+	70 - 130			04/19/23 08:18	04/19/23 14:37	1
o-Terphenyl	137	S1+	70 - 130			04/19/23 08:18	04/19/23 14:37	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	212		4.99	mg/Kg			04/20/23 01:59	1

Eurofins Midland

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: SRO 5 State 506/507

Job ID: 880-27296-1
SDG: Loving NM

Client Sample ID: FL-27 @ 6'

Lab Sample ID: 880-27296-9

Date Collected: 04/17/23 08:40

Matrix: Solid

Date Received: 04/18/23 16:08

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		04/18/23 16:20	04/19/23 15:14	1
Toluene	<0.00200	U	0.00200	mg/Kg		04/18/23 16:20	04/19/23 15:14	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		04/18/23 16:20	04/19/23 15:14	1
m-Xylene & p-Xylene	<0.00401	U	0.00401	mg/Kg		04/18/23 16:20	04/19/23 15:14	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		04/18/23 16:20	04/19/23 15:14	1
Xylenes, Total	<0.00401	U	0.00401	mg/Kg		04/18/23 16:20	04/19/23 15:14	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	105		70 - 130	04/18/23 16:20	04/19/23 15:14	1
1,4-Difluorobenzene (Surr)	105		70 - 130	04/18/23 16:20	04/19/23 15:14	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401	mg/Kg			04/20/23 09:56	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0	mg/Kg			04/20/23 09:13	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0	mg/Kg		04/19/23 08:18	04/19/23 14:59	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		04/19/23 08:18	04/19/23 14:59	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		04/19/23 08:18	04/19/23 14:59	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	148	S1+	70 - 130	04/19/23 08:18	04/19/23 14:59	1
o-Terphenyl	140	S1+	70 - 130	04/19/23 08:18	04/19/23 14:59	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	237		4.96	mg/Kg			04/20/23 02:04	1

Client Sample ID: FL-28 @ 6'

Lab Sample ID: 880-27296-10

Date Collected: 04/17/23 08:45

Matrix: Solid

Date Received: 04/18/23 16:08

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198	mg/Kg		04/18/23 16:20	04/19/23 15:34	1
Toluene	<0.00198	U	0.00198	mg/Kg		04/18/23 16:20	04/19/23 15:34	1
Ethylbenzene	<0.00198	U	0.00198	mg/Kg		04/18/23 16:20	04/19/23 15:34	1
m-Xylene & p-Xylene	<0.00396	U	0.00396	mg/Kg		04/18/23 16:20	04/19/23 15:34	1
o-Xylene	<0.00198	U	0.00198	mg/Kg		04/18/23 16:20	04/19/23 15:34	1
Xylenes, Total	<0.00396	U	0.00396	mg/Kg		04/18/23 16:20	04/19/23 15:34	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	109		70 - 130	04/18/23 16:20	04/19/23 15:34	1
1,4-Difluorobenzene (Surr)	107		70 - 130	04/18/23 16:20	04/19/23 15:34	1

Eurofins Midland

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: SRO 5 State 506/507

Job ID: 880-27296-1
SDG: Loving NM

Client Sample ID: FL-28 @ 6'

Lab Sample ID: 880-27296-10

Date Collected: 04/17/23 08:45

Matrix: Solid

Date Received: 04/18/23 16:08

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396	mg/Kg			04/20/23 09:56	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0	mg/Kg			04/20/23 09:13	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0	mg/Kg		04/19/23 08:18	04/19/23 15:20	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		04/19/23 08:18	04/19/23 15:20	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		04/19/23 08:18	04/19/23 15:20	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	142	S1+	70 - 130			04/19/23 08:18	04/19/23 15:20	1
o-Terphenyl	136	S1+	70 - 130			04/19/23 08:18	04/19/23 15:20	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	195		5.05	mg/Kg			04/20/23 02:09	1

Client Sample ID: SW-17

Lab Sample ID: 880-27296-11

Date Collected: 04/17/23 08:50

Matrix: Solid

Date Received: 04/18/23 16:08

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U F1	0.00202	mg/Kg		04/19/23 08:18	04/19/23 11:57	1
Toluene	<0.00202	U	0.00202	mg/Kg		04/19/23 08:18	04/19/23 11:57	1
Ethylbenzene	<0.00202	U	0.00202	mg/Kg		04/19/23 08:18	04/19/23 11:57	1
m-Xylene & p-Xylene	<0.00403	U	0.00403	mg/Kg		04/19/23 08:18	04/19/23 11:57	1
o-Xylene	<0.00202	U	0.00202	mg/Kg		04/19/23 08:18	04/19/23 11:57	1
Xylenes, Total	<0.00403	U	0.00403	mg/Kg		04/19/23 08:18	04/19/23 11:57	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	109		70 - 130			04/19/23 08:18	04/19/23 11:57	1
1,4-Difluorobenzene (Surr)	105		70 - 130			04/19/23 08:18	04/19/23 11:57	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00403	U	0.00403	mg/Kg			04/19/23 15:08	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9	mg/Kg			04/20/23 09:13	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9	mg/Kg		04/19/23 08:18	04/19/23 16:06	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9	mg/Kg		04/19/23 08:18	04/19/23 16:06	1

Eurofins Midland

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: SRO 5 State 506/507

Job ID: 880-27296-1
SDG: Loving NM

Client Sample ID: SW-17

Lab Sample ID: 880-27296-11

Date Collected: 04/17/23 08:50

Matrix: Solid

Date Received: 04/18/23 16:08

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg		04/19/23 08:18	04/19/23 16:06	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	138	S1+	70 - 130			04/19/23 08:18	04/19/23 16:06	1
o-Terphenyl	134	S1+	70 - 130			04/19/23 08:18	04/19/23 16:06	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	250	F1	5.02	mg/Kg			04/20/23 02:13	1

Client Sample ID: SW-18

Lab Sample ID: 880-27296-12

Date Collected: 04/17/23 08:55

Matrix: Solid

Date Received: 04/18/23 16:08

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199	mg/Kg		04/19/23 08:18	04/19/23 12:17	1
Toluene	<0.00199	U	0.00199	mg/Kg		04/19/23 08:18	04/19/23 12:17	1
Ethylbenzene	<0.00199	U	0.00199	mg/Kg		04/19/23 08:18	04/19/23 12:17	1
m-Xylene & p-Xylene	<0.00398	U	0.00398	mg/Kg		04/19/23 08:18	04/19/23 12:17	1
o-Xylene	<0.00199	U	0.00199	mg/Kg		04/19/23 08:18	04/19/23 12:17	1
Xylenes, Total	<0.00398	U	0.00398	mg/Kg		04/19/23 08:18	04/19/23 12:17	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	116		70 - 130			04/19/23 08:18	04/19/23 12:17	1
1,4-Difluorobenzene (Surr)	103		70 - 130			04/19/23 08:18	04/19/23 12:17	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398	mg/Kg			04/19/23 15:08	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9	mg/Kg			04/20/23 09:13	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9	mg/Kg		04/19/23 08:18	04/19/23 16:27	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9	mg/Kg		04/19/23 08:18	04/19/23 16:27	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg		04/19/23 08:18	04/19/23 16:27	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	137	S1+	70 - 130			04/19/23 08:18	04/19/23 16:27	1
o-Terphenyl	135	S1+	70 - 130			04/19/23 08:18	04/19/23 16:27	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	216		4.98	mg/Kg			04/20/23 02:28	1

Eurofins Midland

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: SRO 5 State 506/507

Job ID: 880-27296-1
SDG: Loving NM

Client Sample ID: SW-19

Lab Sample ID: 880-27296-13

Date Collected: 04/17/23 09:00

Matrix: Solid

Date Received: 04/18/23 16:08

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198	mg/Kg		04/19/23 08:18	04/19/23 12:38	1
Toluene	<0.00198	U	0.00198	mg/Kg		04/19/23 08:18	04/19/23 12:38	1
Ethylbenzene	<0.00198	U	0.00198	mg/Kg		04/19/23 08:18	04/19/23 12:38	1
m-Xylene & p-Xylene	<0.00396	U	0.00396	mg/Kg		04/19/23 08:18	04/19/23 12:38	1
o-Xylene	<0.00198	U	0.00198	mg/Kg		04/19/23 08:18	04/19/23 12:38	1
Xylenes, Total	<0.00396	U	0.00396	mg/Kg		04/19/23 08:18	04/19/23 12:38	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	113		70 - 130	04/19/23 08:18	04/19/23 12:38	1
1,4-Difluorobenzene (Surr)	104		70 - 130	04/19/23 08:18	04/19/23 12:38	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396	mg/Kg			04/19/23 15:08	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9	mg/Kg			04/20/23 09:13	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9	mg/Kg		04/19/23 08:18	04/19/23 16:49	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9	mg/Kg		04/19/23 08:18	04/19/23 16:49	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg		04/19/23 08:18	04/19/23 16:49	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	138	S1+	70 - 130	04/19/23 08:18	04/19/23 16:49	1
o-Terphenyl	123		70 - 130	04/19/23 08:18	04/19/23 16:49	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	171		4.97	mg/Kg			04/20/23 02:33	1

Client Sample ID: SW-20

Lab Sample ID: 880-27296-14

Date Collected: 04/17/23 09:05

Matrix: Solid

Date Received: 04/18/23 16:08

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		04/19/23 08:18	04/19/23 12:59	1
Toluene	<0.00200	U	0.00200	mg/Kg		04/19/23 08:18	04/19/23 12:59	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		04/19/23 08:18	04/19/23 12:59	1
m-Xylene & p-Xylene	<0.00399	U	0.00399	mg/Kg		04/19/23 08:18	04/19/23 12:59	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		04/19/23 08:18	04/19/23 12:59	1
Xylenes, Total	<0.00399	U	0.00399	mg/Kg		04/19/23 08:18	04/19/23 12:59	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	110		70 - 130	04/19/23 08:18	04/19/23 12:59	1
1,4-Difluorobenzene (Surr)	104		70 - 130	04/19/23 08:18	04/19/23 12:59	1

Eurofins Midland

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: SRO 5 State 506/507

Job ID: 880-27296-1
SDG: Loving NM

Client Sample ID: SW-20

Lab Sample ID: 880-27296-14

Date Collected: 04/17/23 09:05

Matrix: Solid

Date Received: 04/18/23 16:08

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399	mg/Kg			04/19/23 15:08	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0	mg/Kg			04/20/23 09:13	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0	mg/Kg		04/19/23 08:18	04/19/23 17:11	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		04/19/23 08:18	04/19/23 17:11	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		04/19/23 08:18	04/19/23 17:11	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	141	S1+	70 - 130			04/19/23 08:18	04/19/23 17:11	1
o-Terphenyl	133	S1+	70 - 130			04/19/23 08:18	04/19/23 17:11	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	229		5.01	mg/Kg			04/20/23 02:47	1

Client Sample ID: SW-21

Lab Sample ID: 880-27296-15

Date Collected: 04/17/23 09:10

Matrix: Solid

Date Received: 04/18/23 16:08

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201	mg/Kg		04/19/23 08:18	04/19/23 13:20	1
Toluene	<0.00201	U	0.00201	mg/Kg		04/19/23 08:18	04/19/23 13:20	1
Ethylbenzene	<0.00201	U	0.00201	mg/Kg		04/19/23 08:18	04/19/23 13:20	1
m-Xylene & p-Xylene	<0.00402	U	0.00402	mg/Kg		04/19/23 08:18	04/19/23 13:20	1
o-Xylene	<0.00201	U	0.00201	mg/Kg		04/19/23 08:18	04/19/23 13:20	1
Xylenes, Total	<0.00402	U	0.00402	mg/Kg		04/19/23 08:18	04/19/23 13:20	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	119		70 - 130			04/19/23 08:18	04/19/23 13:20	1
1,4-Difluorobenzene (Surr)	109		70 - 130			04/19/23 08:18	04/19/23 13:20	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402	mg/Kg			04/19/23 15:08	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9	mg/Kg			04/20/23 09:13	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9	mg/Kg		04/19/23 08:18	04/19/23 17:33	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9	mg/Kg		04/19/23 08:18	04/19/23 17:33	1

Eurofins Midland

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: SRO 5 State 506/507

Job ID: 880-27296-1
SDG: Loving NM

Client Sample ID: SW-21

Lab Sample ID: 880-27296-15

Date Collected: 04/17/23 09:10

Matrix: Solid

Date Received: 04/18/23 16:08

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg		04/19/23 08:18	04/19/23 17:33	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	148	S1+	70 - 130			04/19/23 08:18	04/19/23 17:33	1
o-Terphenyl	122		70 - 130			04/19/23 08:18	04/19/23 17:33	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	190		5.00	mg/Kg			04/20/23 02:52	1

Client Sample ID: SW-22

Lab Sample ID: 880-27296-16

Date Collected: 04/17/23 09:15

Matrix: Solid

Date Received: 04/18/23 16:08

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		04/19/23 08:18	04/19/23 13:40	1
Toluene	<0.00200	U	0.00200	mg/Kg		04/19/23 08:18	04/19/23 13:40	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		04/19/23 08:18	04/19/23 13:40	1
m-Xylene & p-Xylene	<0.00401	U	0.00401	mg/Kg		04/19/23 08:18	04/19/23 13:40	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		04/19/23 08:18	04/19/23 13:40	1
Xylenes, Total	<0.00401	U	0.00401	mg/Kg		04/19/23 08:18	04/19/23 13:40	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	115		70 - 130			04/19/23 08:18	04/19/23 13:40	1
1,4-Difluorobenzene (Surr)	107		70 - 130			04/19/23 08:18	04/19/23 13:40	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401	mg/Kg			04/19/23 15:08	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8	mg/Kg			04/20/23 09:13	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8	mg/Kg		04/19/23 08:18	04/19/23 17:54	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8	mg/Kg		04/19/23 08:18	04/19/23 17:54	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8	mg/Kg		04/19/23 08:18	04/19/23 17:54	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	137	S1+	70 - 130			04/19/23 08:18	04/19/23 17:54	1
o-Terphenyl	127		70 - 130			04/19/23 08:18	04/19/23 17:54	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	232		5.00	mg/Kg			04/20/23 02:57	1

Eurofins Midland

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: SRO 5 State 506/507

Job ID: 880-27296-1
SDG: Loving NM

Client Sample ID: SW-23

Lab Sample ID: 880-27296-17

Date Collected: 04/17/23 09:20

Matrix: Solid

Date Received: 04/18/23 16:08

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199	mg/Kg		04/19/23 08:18	04/19/23 14:01	1
Toluene	<0.00199	U	0.00199	mg/Kg		04/19/23 08:18	04/19/23 14:01	1
Ethylbenzene	<0.00199	U	0.00199	mg/Kg		04/19/23 08:18	04/19/23 14:01	1
m-Xylene & p-Xylene	<0.00398	U	0.00398	mg/Kg		04/19/23 08:18	04/19/23 14:01	1
o-Xylene	<0.00199	U	0.00199	mg/Kg		04/19/23 08:18	04/19/23 14:01	1
Xylenes, Total	<0.00398	U	0.00398	mg/Kg		04/19/23 08:18	04/19/23 14:01	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	112		70 - 130	04/19/23 08:18	04/19/23 14:01	1
1,4-Difluorobenzene (Surr)	109		70 - 130	04/19/23 08:18	04/19/23 14:01	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398	mg/Kg			04/19/23 15:08	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9	mg/Kg			04/20/23 09:13	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9	mg/Kg		04/19/23 08:18	04/19/23 18:16	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9	mg/Kg		04/19/23 08:18	04/19/23 18:16	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg		04/19/23 08:18	04/19/23 18:16	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	135	S1+	70 - 130	04/19/23 08:18	04/19/23 18:16	1
o-Terphenyl	128		70 - 130	04/19/23 08:18	04/19/23 18:16	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	196		4.99	mg/Kg			04/20/23 03:02	1

Client Sample ID: SW-24

Lab Sample ID: 880-27296-18

Date Collected: 04/17/23 09:25

Matrix: Solid

Date Received: 04/18/23 16:08

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199	mg/Kg		04/19/23 08:18	04/19/23 14:22	1
Toluene	<0.00199	U	0.00199	mg/Kg		04/19/23 08:18	04/19/23 14:22	1
Ethylbenzene	<0.00199	U	0.00199	mg/Kg		04/19/23 08:18	04/19/23 14:22	1
m-Xylene & p-Xylene	<0.00398	U	0.00398	mg/Kg		04/19/23 08:18	04/19/23 14:22	1
o-Xylene	<0.00199	U	0.00199	mg/Kg		04/19/23 08:18	04/19/23 14:22	1
Xylenes, Total	<0.00398	U	0.00398	mg/Kg		04/19/23 08:18	04/19/23 14:22	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	118		70 - 130	04/19/23 08:18	04/19/23 14:22	1
1,4-Difluorobenzene (Surr)	108		70 - 130	04/19/23 08:18	04/19/23 14:22	1

Eurofins Midland

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: SRO 5 State 506/507

Job ID: 880-27296-1
SDG: Loving NM

Client Sample ID: SW-24

Lab Sample ID: 880-27296-18

Date Collected: 04/17/23 09:25

Matrix: Solid

Date Received: 04/18/23 16:08

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398	mg/Kg			04/19/23 15:08	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0	mg/Kg			04/20/23 09:13	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0	mg/Kg		04/19/23 08:18	04/19/23 18:38	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		04/19/23 08:18	04/19/23 18:38	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		04/19/23 08:18	04/19/23 18:38	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	138	S1+	70 - 130			04/19/23 08:18	04/19/23 18:38	1
o-Terphenyl	129		70 - 130			04/19/23 08:18	04/19/23 18:38	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	208		4.98	mg/Kg			04/20/23 03:07	1

Client Sample ID: SW-25

Lab Sample ID: 880-27296-19

Date Collected: 04/17/23 09:30

Matrix: Solid

Date Received: 04/18/23 16:08

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199	mg/Kg		04/19/23 08:18	04/19/23 14:43	1
Toluene	<0.00199	U	0.00199	mg/Kg		04/19/23 08:18	04/19/23 14:43	1
Ethylbenzene	<0.00199	U	0.00199	mg/Kg		04/19/23 08:18	04/19/23 14:43	1
m-Xylene & p-Xylene	<0.00398	U	0.00398	mg/Kg		04/19/23 08:18	04/19/23 14:43	1
o-Xylene	<0.00199	U	0.00199	mg/Kg		04/19/23 08:18	04/19/23 14:43	1
Xylenes, Total	<0.00398	U	0.00398	mg/Kg		04/19/23 08:18	04/19/23 14:43	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	110		70 - 130			04/19/23 08:18	04/19/23 14:43	1
1,4-Difluorobenzene (Surr)	103		70 - 130			04/19/23 08:18	04/19/23 14:43	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398	mg/Kg			04/19/23 15:08	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0	mg/Kg			04/20/23 09:13	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0	mg/Kg		04/19/23 08:18	04/19/23 18:59	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		04/19/23 08:18	04/19/23 18:59	1

Eurofins Midland

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: SRO 5 State 506/507

Job ID: 880-27296-1
SDG: Loving NM

Client Sample ID: SW-25

Lab Sample ID: 880-27296-19

Date Collected: 04/17/23 09:30

Matrix: Solid

Date Received: 04/18/23 16:08

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		04/19/23 08:18	04/19/23 18:59	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	137	S1+	70 - 130			04/19/23 08:18	04/19/23 18:59	1
o-Terphenyl	119		70 - 130			04/19/23 08:18	04/19/23 18:59	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	183		5.03	mg/Kg			04/20/23 03:11	1

Client Sample ID: FL-29 @ 3'

Lab Sample ID: 880-27296-20

Date Collected: 04/17/23 09:35

Matrix: Solid

Date Received: 04/18/23 16:08

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		04/19/23 08:18	04/19/23 15:03	1
Toluene	<0.00200	U	0.00200	mg/Kg		04/19/23 08:18	04/19/23 15:03	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		04/19/23 08:18	04/19/23 15:03	1
m-Xylene & p-Xylene	<0.00399	U	0.00399	mg/Kg		04/19/23 08:18	04/19/23 15:03	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		04/19/23 08:18	04/19/23 15:03	1
Xylenes, Total	<0.00399	U	0.00399	mg/Kg		04/19/23 08:18	04/19/23 15:03	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	108		70 - 130			04/19/23 08:18	04/19/23 15:03	1
1,4-Difluorobenzene (Surr)	105		70 - 130			04/19/23 08:18	04/19/23 15:03	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399	mg/Kg			04/20/23 09:49	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0	mg/Kg			04/20/23 09:13	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0	mg/Kg		04/19/23 08:18	04/19/23 19:22	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		04/19/23 08:18	04/19/23 19:22	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		04/19/23 08:18	04/19/23 19:22	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	132	S1+	70 - 130			04/19/23 08:18	04/19/23 19:22	1
o-Terphenyl	117		70 - 130			04/19/23 08:18	04/19/23 19:22	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	228		4.98	mg/Kg			04/20/23 03:16	1

Eurofins Midland

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: SRO 5 State 506/507

Job ID: 880-27296-1
SDG: Loving NM

Client Sample ID: FL-30 @ 3'

Lab Sample ID: 880-27296-21

Date Collected: 04/17/23 09:40

Matrix: Solid

Date Received: 04/18/23 16:08

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201	mg/Kg		04/18/23 17:00	04/19/23 11:55	1
Toluene	<0.00201	U	0.00201	mg/Kg		04/18/23 17:00	04/19/23 11:55	1
Ethylbenzene	<0.00201	U	0.00201	mg/Kg		04/18/23 17:00	04/19/23 11:55	1
m-Xylene & p-Xylene	<0.00402	U	0.00402	mg/Kg		04/18/23 17:00	04/19/23 11:55	1
o-Xylene	<0.00201	U	0.00201	mg/Kg		04/18/23 17:00	04/19/23 11:55	1
Xylenes, Total	<0.00402	U	0.00402	mg/Kg		04/18/23 17:00	04/19/23 11:55	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		70 - 130	04/18/23 17:00	04/19/23 11:55	1
1,4-Difluorobenzene (Surr)	82		70 - 130	04/18/23 17:00	04/19/23 11:55	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402	mg/Kg			04/19/23 15:37	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9	mg/Kg			04/20/23 11:30	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9	mg/Kg		04/19/23 09:07	04/19/23 11:22	1
Diesel Range Organics (Over C10-C28)	<49.9	U F1	49.9	mg/Kg		04/19/23 09:07	04/19/23 11:22	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg		04/19/23 09:07	04/19/23 11:22	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	93		70 - 130	04/19/23 09:07	04/19/23 11:22	1
o-Terphenyl	92		70 - 130	04/19/23 09:07	04/19/23 11:22	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	220	F1	5.02	mg/Kg			04/20/23 03:55	1

Client Sample ID: FL-31 @ 3'

Lab Sample ID: 880-27296-22

Date Collected: 04/17/23 09:45

Matrix: Solid

Date Received: 04/18/23 16:08

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202	mg/Kg		04/18/23 17:00	04/19/23 12:16	1
Toluene	<0.00202	U	0.00202	mg/Kg		04/18/23 17:00	04/19/23 12:16	1
Ethylbenzene	<0.00202	U	0.00202	mg/Kg		04/18/23 17:00	04/19/23 12:16	1
m-Xylene & p-Xylene	<0.00403	U	0.00403	mg/Kg		04/18/23 17:00	04/19/23 12:16	1
o-Xylene	<0.00202	U	0.00202	mg/Kg		04/18/23 17:00	04/19/23 12:16	1
Xylenes, Total	<0.00403	U	0.00403	mg/Kg		04/18/23 17:00	04/19/23 12:16	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	108		70 - 130	04/18/23 17:00	04/19/23 12:16	1
1,4-Difluorobenzene (Surr)	79		70 - 130	04/18/23 17:00	04/19/23 12:16	1

Eurofins Midland

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: SRO 5 State 506/507

Job ID: 880-27296-1
SDG: Loving NM

Client Sample ID: FL-31 @ 3'

Lab Sample ID: 880-27296-22

Date Collected: 04/17/23 09:45

Matrix: Solid

Date Received: 04/18/23 16:08

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00403	U	0.00403	mg/Kg			04/19/23 15:37	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8	mg/Kg			04/20/23 11:30	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8	mg/Kg		04/19/23 09:07	04/19/23 12:27	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8	mg/Kg		04/19/23 09:07	04/19/23 12:27	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8	mg/Kg		04/19/23 09:07	04/19/23 12:27	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	83		70 - 130			04/19/23 09:07	04/19/23 12:27	1
o-Terphenyl	82		70 - 130			04/19/23 09:07	04/19/23 12:27	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	177		5.00	mg/Kg			04/20/23 04:10	1

Client Sample ID: FL-32 @ 3'

Lab Sample ID: 880-27296-23

Date Collected: 04/17/23 09:50

Matrix: Solid

Date Received: 04/18/23 16:08

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199	mg/Kg		04/18/23 17:00	04/19/23 12:36	1
Toluene	<0.00199	U	0.00199	mg/Kg		04/18/23 17:00	04/19/23 12:36	1
Ethylbenzene	<0.00199	U	0.00199	mg/Kg		04/18/23 17:00	04/19/23 12:36	1
m-Xylene & p-Xylene	<0.00398	U	0.00398	mg/Kg		04/18/23 17:00	04/19/23 12:36	1
o-Xylene	<0.00199	U	0.00199	mg/Kg		04/18/23 17:00	04/19/23 12:36	1
Xylenes, Total	<0.00398	U	0.00398	mg/Kg		04/18/23 17:00	04/19/23 12:36	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	111		70 - 130			04/18/23 17:00	04/19/23 12:36	1
1,4-Difluorobenzene (Surr)	82		70 - 130			04/18/23 17:00	04/19/23 12:36	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398	mg/Kg			04/19/23 15:37	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0	mg/Kg			04/20/23 11:30	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0	mg/Kg		04/19/23 09:07	04/19/23 12:48	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		04/19/23 09:07	04/19/23 12:48	1

Eurofins Midland

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: SRO 5 State 506/507

Job ID: 880-27296-1
SDG: Loving NM

Client Sample ID: FL-32 @ 3'

Lab Sample ID: 880-27296-23

Date Collected: 04/17/23 09:50

Matrix: Solid

Date Received: 04/18/23 16:08

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		04/19/23 09:07	04/19/23 12:48	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	86		70 - 130			04/19/23 09:07	04/19/23 12:48	1
o-Terphenyl	84		70 - 130			04/19/23 09:07	04/19/23 12:48	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	248		4.98	mg/Kg			04/20/23 04:14	1

Client Sample ID: FL-33 @ 3'

Lab Sample ID: 880-27296-24

Date Collected: 04/17/23 09:55

Matrix: Solid

Date Received: 04/18/23 16:08

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199	mg/Kg		04/18/23 17:00	04/19/23 12:57	1
Toluene	<0.00199	U	0.00199	mg/Kg		04/18/23 17:00	04/19/23 12:57	1
Ethylbenzene	<0.00199	U	0.00199	mg/Kg		04/18/23 17:00	04/19/23 12:57	1
m-Xylene & p-Xylene	<0.00398	U	0.00398	mg/Kg		04/18/23 17:00	04/19/23 12:57	1
o-Xylene	<0.00199	U	0.00199	mg/Kg		04/18/23 17:00	04/19/23 12:57	1
Xylenes, Total	<0.00398	U	0.00398	mg/Kg		04/18/23 17:00	04/19/23 12:57	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	109		70 - 130			04/18/23 17:00	04/19/23 12:57	1
1,4-Difluorobenzene (Surr)	82		70 - 130			04/18/23 17:00	04/19/23 12:57	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398	mg/Kg			04/19/23 15:37	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8	mg/Kg			04/20/23 11:30	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8	mg/Kg		04/19/23 09:07	04/19/23 13:10	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8	mg/Kg		04/19/23 09:07	04/19/23 13:10	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8	mg/Kg		04/19/23 09:07	04/19/23 13:10	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	83		70 - 130			04/19/23 09:07	04/19/23 13:10	1
o-Terphenyl	84		70 - 130			04/19/23 09:07	04/19/23 13:10	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	113		5.03	mg/Kg			04/20/23 04:19	1

Eurofins Midland

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: SRO 5 State 506/507

Job ID: 880-27296-1
SDG: Loving NM

Client Sample ID: FL-34 @ 3'

Lab Sample ID: 880-27296-25

Date Collected: 04/17/23 10:00

Matrix: Solid

Date Received: 04/18/23 16:08

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199	mg/Kg		04/18/23 17:00	04/19/23 13:17	1
Toluene	<0.00199	U	0.00199	mg/Kg		04/18/23 17:00	04/19/23 13:17	1
Ethylbenzene	<0.00199	U	0.00199	mg/Kg		04/18/23 17:00	04/19/23 13:17	1
m-Xylene & p-Xylene	<0.00398	U	0.00398	mg/Kg		04/18/23 17:00	04/19/23 13:17	1
o-Xylene	<0.00199	U	0.00199	mg/Kg		04/18/23 17:00	04/19/23 13:17	1
Xylenes, Total	<0.00398	U	0.00398	mg/Kg		04/18/23 17:00	04/19/23 13:17	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	111		70 - 130	04/18/23 17:00	04/19/23 13:17	1
1,4-Difluorobenzene (Surr)	82		70 - 130	04/18/23 17:00	04/19/23 13:17	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398	mg/Kg			04/19/23 15:37	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0	mg/Kg			04/20/23 11:30	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0	mg/Kg		04/19/23 09:07	04/19/23 13:32	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		04/19/23 09:07	04/19/23 13:32	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		04/19/23 09:07	04/19/23 13:32	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	84		70 - 130	04/19/23 09:07	04/19/23 13:32	1
o-Terphenyl	89		70 - 130	04/19/23 09:07	04/19/23 13:32	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	187		5.04	mg/Kg			04/20/23 04:24	1

Client Sample ID: FL-35 @ 10'

Lab Sample ID: 880-27296-26

Date Collected: 04/17/23 10:05

Matrix: Solid

Date Received: 04/18/23 16:08

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		04/18/23 17:00	04/19/23 13:38	1
Toluene	<0.00200	U	0.00200	mg/Kg		04/18/23 17:00	04/19/23 13:38	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		04/18/23 17:00	04/19/23 13:38	1
m-Xylene & p-Xylene	<0.00399	U	0.00399	mg/Kg		04/18/23 17:00	04/19/23 13:38	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		04/18/23 17:00	04/19/23 13:38	1
Xylenes, Total	<0.00399	U	0.00399	mg/Kg		04/18/23 17:00	04/19/23 13:38	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	109		70 - 130	04/18/23 17:00	04/19/23 13:38	1
1,4-Difluorobenzene (Surr)	80		70 - 130	04/18/23 17:00	04/19/23 13:38	1

Eurofins Midland

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: SRO 5 State 506/507

Job ID: 880-27296-1
SDG: Loving NM

Client Sample ID: FL-35 @ 10'

Lab Sample ID: 880-27296-26

Date Collected: 04/17/23 10:05

Matrix: Solid

Date Received: 04/18/23 16:08

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399	mg/Kg			04/19/23 15:37	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0	mg/Kg			04/20/23 11:30	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0	mg/Kg		04/19/23 09:07	04/19/23 13:53	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		04/19/23 09:07	04/19/23 13:53	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		04/19/23 09:07	04/19/23 13:53	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	83		70 - 130			04/19/23 09:07	04/19/23 13:53	1
o-Terphenyl	81		70 - 130			04/19/23 09:07	04/19/23 13:53	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	209		5.00	mg/Kg			04/20/23 04:39	1

Client Sample ID: FL-36 @ 8'

Lab Sample ID: 880-27296-27

Date Collected: 04/17/23 10:10

Matrix: Solid

Date Received: 04/18/23 16:08

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201	mg/Kg		04/18/23 17:00	04/19/23 13:58	1
Toluene	<0.00201	U	0.00201	mg/Kg		04/18/23 17:00	04/19/23 13:58	1
Ethylbenzene	<0.00201	U	0.00201	mg/Kg		04/18/23 17:00	04/19/23 13:58	1
m-Xylene & p-Xylene	<0.00402	U	0.00402	mg/Kg		04/18/23 17:00	04/19/23 13:58	1
o-Xylene	<0.00201	U	0.00201	mg/Kg		04/18/23 17:00	04/19/23 13:58	1
Xylenes, Total	<0.00402	U	0.00402	mg/Kg		04/18/23 17:00	04/19/23 13:58	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	110		70 - 130			04/18/23 17:00	04/19/23 13:58	1
1,4-Difluorobenzene (Surr)	78		70 - 130			04/18/23 17:00	04/19/23 13:58	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402	mg/Kg			04/19/23 15:37	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9	mg/Kg			04/20/23 11:30	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9	mg/Kg		04/19/23 09:07	04/19/23 14:15	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9	mg/Kg		04/19/23 09:07	04/19/23 14:15	1

Eurofins Midland

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: SRO 5 State 506/507

Job ID: 880-27296-1
SDG: Loving NM

Client Sample ID: FL-36 @ 8'

Lab Sample ID: 880-27296-27

Date Collected: 04/17/23 10:10

Matrix: Solid

Date Received: 04/18/23 16:08

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg		04/19/23 09:07	04/19/23 14:15	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	82		70 - 130			04/19/23 09:07	04/19/23 14:15	1
o-Terphenyl	80		70 - 130			04/19/23 09:07	04/19/23 14:15	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	226		4.98	mg/Kg			04/20/23 04:43	1

Client Sample ID: FL-37 @ 8'

Lab Sample ID: 880-27296-28

Date Collected: 04/17/23 10:15

Matrix: Solid

Date Received: 04/18/23 16:08

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		04/18/23 17:00	04/19/23 14:19	1
Toluene	<0.00200	U	0.00200	mg/Kg		04/18/23 17:00	04/19/23 14:19	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		04/18/23 17:00	04/19/23 14:19	1
m-Xylene & p-Xylene	<0.00401	U	0.00401	mg/Kg		04/18/23 17:00	04/19/23 14:19	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		04/18/23 17:00	04/19/23 14:19	1
Xylenes, Total	<0.00401	U	0.00401	mg/Kg		04/18/23 17:00	04/19/23 14:19	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	108		70 - 130			04/18/23 17:00	04/19/23 14:19	1
1,4-Difluorobenzene (Surr)	79		70 - 130			04/18/23 17:00	04/19/23 14:19	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401	mg/Kg			04/19/23 15:37	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0	mg/Kg			04/20/23 11:30	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0	mg/Kg		04/19/23 09:07	04/19/23 14:37	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		04/19/23 09:07	04/19/23 14:37	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		04/19/23 09:07	04/19/23 14:37	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	88		70 - 130			04/19/23 09:07	04/19/23 14:37	1
o-Terphenyl	86		70 - 130			04/19/23 09:07	04/19/23 14:37	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	200		4.97	mg/Kg			04/20/23 04:48	1

Eurofins Midland

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: SRO 5 State 506/507

Job ID: 880-27296-1
SDG: Loving NM

Client Sample ID: FL-38 @ 8'

Lab Sample ID: 880-27296-29

Date Collected: 04/17/23 10:20

Matrix: Solid

Date Received: 04/18/23 16:08

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199	mg/Kg		04/18/23 17:00	04/19/23 14:39	1
Toluene	<0.00199	U	0.00199	mg/Kg		04/18/23 17:00	04/19/23 14:39	1
Ethylbenzene	<0.00199	U	0.00199	mg/Kg		04/18/23 17:00	04/19/23 14:39	1
m-Xylene & p-Xylene	<0.00398	U	0.00398	mg/Kg		04/18/23 17:00	04/19/23 14:39	1
o-Xylene	<0.00199	U	0.00199	mg/Kg		04/18/23 17:00	04/19/23 14:39	1
Xylenes, Total	<0.00398	U	0.00398	mg/Kg		04/18/23 17:00	04/19/23 14:39	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	107		70 - 130	04/18/23 17:00	04/19/23 14:39	1
1,4-Difluorobenzene (Surr)	76		70 - 130	04/18/23 17:00	04/19/23 14:39	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398	mg/Kg			04/19/23 15:37	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9	mg/Kg			04/20/23 11:30	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9	mg/Kg		04/19/23 09:07	04/19/23 14:59	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9	mg/Kg		04/19/23 09:07	04/19/23 14:59	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg		04/19/23 09:07	04/19/23 14:59	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	95		70 - 130	04/19/23 09:07	04/19/23 14:59	1
o-Terphenyl	93		70 - 130	04/19/23 09:07	04/19/23 14:59	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	364		4.98	mg/Kg			04/21/23 12:18	1

Client Sample ID: TB-04182023

Lab Sample ID: 880-27296-30

Date Collected: 04/18/23 00:00

Matrix: Water

Date Received: 04/18/23 16:08

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/L			04/20/23 13:17	1
Toluene	<0.00200	U	0.00200	mg/L			04/20/23 13:17	1
Ethylbenzene	<0.00200	U *1	0.00200	mg/L			04/20/23 13:17	1
m-Xylene & p-Xylene	<0.00400	U *1	0.00400	mg/L			04/20/23 13:17	1
o-Xylene	<0.00200	U	0.00200	mg/L			04/20/23 13:17	1
Xylenes, Total	<0.00400	U *1	0.00400	mg/L			04/20/23 13:17	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	94		70 - 130		04/20/23 13:17	1
1,4-Difluorobenzene (Surr)	104		70 - 130		04/20/23 13:17	1

Eurofins Midland

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: SRO 5 State 506/507

Job ID: 880-27296-1
SDG: Loving NM

Client Sample ID: TB-04182023
Date Collected: 04/18/23 00:00
Date Received: 04/18/23 16:08

Lab Sample ID: 880-27296-30
Matrix: Water

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00400	U	0.00400	mg/L			04/20/23 15:15	1

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

Surrogate Summary

Client: TRC Solutions, Inc.
Project/Site: SRO 5 State 506/507

Job ID: 880-27296-1
SDG: Loving NM

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	BFB1	DFBZ1
		(70-130)	(70-130)
880-27296-1	FL-19 @ 8'	107	105
880-27296-1 MS	FL-19 @ 8'	131 S1+	116
880-27296-1 MSD	FL-19 @ 8'	111	110
880-27296-2	FL-20 @ 7'	109	99
880-27296-3	FL-21 @ 7'	115	103
880-27296-4	FL-22 @ 6'	120	106
880-27296-5	FL-23 @ 6'	110	107
880-27296-6	FL-24 @ 6'	109	104
880-27296-7	FL-25 @ 6'	106	106
880-27296-8	FL-26 @ 6'	114	107
880-27296-9	FL-27 @ 6'	105	105
880-27296-10	FL-28 @ 6'	109	107
880-27296-11	SW-17	109	105
880-27296-11 MS	SW-17	138 S1+	89
880-27296-11 MSD	SW-17	131 S1+	78
880-27296-12	SW-18	116	103
880-27296-13	SW-19	113	104
880-27296-14	SW-20	110	104
880-27296-15	SW-21	119	109
880-27296-16	SW-22	115	107
880-27296-17	SW-23	112	109
880-27296-18	SW-24	118	108
880-27296-19	SW-25	110	103
880-27296-20	FL-29 @ 3'	108	105
880-27296-21	FL-30 @ 3'	104	82
880-27296-21 MS	FL-30 @ 3'	130	102
880-27296-21 MSD	FL-30 @ 3'	131 S1+	103
880-27296-22	FL-31 @ 3'	108	79
880-27296-23	FL-32 @ 3'	111	82
880-27296-24	FL-33 @ 3'	109	82
880-27296-25	FL-34 @ 3'	111	82
880-27296-26	FL-35 @ 10'	109	80
880-27296-27	FL-36 @ 8'	110	78
880-27296-28	FL-37 @ 8'	108	79
880-27296-29	FL-38 @ 8'	107	76
LCS 880-51431/1-A	Lab Control Sample	104	109
LCS 880-51436/1-A	Lab Control Sample	123	107
LCS 880-51462/1-A	Lab Control Sample	120	98
LCSD 880-51431/2-A	Lab Control Sample Dup	94	123
LCSD 880-51436/2-A	Lab Control Sample Dup	125	104
LCSD 880-51462/2-A	Lab Control Sample Dup	114	92
MB 880-51431/5-A	Method Blank	93	100
MB 880-51436/5-A	Method Blank	80	92
MB 880-51462/5-A	Method Blank	105	85

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)

DFBZ = 1,4-Difluorobenzene (Surr)

Eurofins Midland

Surrogate Summary

Client: TRC Solutions, Inc.
Project/Site: SRO 5 State 506/507

Job ID: 880-27296-1
SDG: Loving NM

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Water

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	BFB1 (70-130)	DFBZ1 (70-130)
880-27296-30	TB-04182023	94	104
880-27390-A-1 MS	Matrix Spike	98	107
880-27390-A-1 MSD	Matrix Spike Duplicate	94	108
LCS 880-51574/3	Lab Control Sample	119	123
LCS 880-51574/4	Lab Control Sample Dup	103	109
MB 880-51574/8	Method Blank	92	100
Surrogate Legend			
BFB = 4-Bromofluorobenzene (Surr)			
DFBZ = 1,4-Difluorobenzene (Surr)			

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

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	1CO1 (70-130)	OTPH1 (70-130)
880-27296-1	FL-19 @ 8'	146 S1+	140 S1+
880-27296-1 MS	FL-19 @ 8'	151 S1+	132 S1+
880-27296-1 MSD	FL-19 @ 8'	154 S1+	132 S1+
880-27296-2	FL-20 @ 7'	148 S1+	142 S1+
880-27296-3	FL-21 @ 7'	138 S1+	134 S1+
880-27296-4	FL-22 @ 6'	146 S1+	134 S1+
880-27296-5	FL-23 @ 6'	142 S1+	136 S1+
880-27296-6	FL-24 @ 6'	148 S1+	142 S1+
880-27296-7	FL-25 @ 6'	141 S1+	137 S1+
880-27296-8	FL-26 @ 6'	148 S1+	137 S1+
880-27296-9	FL-27 @ 6'	148 S1+	140 S1+
880-27296-10	FL-28 @ 6'	142 S1+	136 S1+
880-27296-11	SW-17	138 S1+	134 S1+
880-27296-12	SW-18	137 S1+	135 S1+
880-27296-13	SW-19	138 S1+	123
880-27296-14	SW-20	141 S1+	133 S1+
880-27296-15	SW-21	148 S1+	122
880-27296-16	SW-22	137 S1+	127
880-27296-17	SW-23	135 S1+	128
880-27296-18	SW-24	138 S1+	129
880-27296-19	SW-25	137 S1+	119
880-27296-20	FL-29 @ 3'	132 S1+	117
880-27296-21	FL-30 @ 3'	93	92
880-27296-21 MS	FL-30 @ 3'	75	68 S1-
880-27296-21 MSD	FL-30 @ 3'	81	74
880-27296-22	FL-31 @ 3'	83	82
880-27296-23	FL-32 @ 3'	86	84
880-27296-24	FL-33 @ 3'	83	84
880-27296-25	FL-34 @ 3'	84	89
880-27296-26	FL-35 @ 10'	83	81
880-27296-27	FL-36 @ 8'	82	80
880-27296-28	FL-37 @ 8'	88	86
880-27296-29	FL-38 @ 8'	95	93
LCS 880-51461/2-A	Lab Control Sample	116	112

Eurofins Midland

Surrogate Summary

Client: TRC Solutions, Inc.
Project/Site: SRO 5 State 506/507

Job ID: 880-27296-1
SDG: Loving NM

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

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	1CO1 (70-130)	OTPH1 (70-130)
LCS 880-51466/2-A	Lab Control Sample	89	86
LCSD 880-51461/3-A	Lab Control Sample Dup	123	118
LCSD 880-51466/3-A	Lab Control Sample Dup	91	88
MB 880-51461/1-A	Method Blank	179 S1+	158 S1+
MB 880-51466/1-A	Method Blank	72	89
Surrogate Legend			
1CO = 1-Chlorooctane			
OTPH = o-Terphenyl			

QC Sample Results

Client: TRC Solutions, Inc.
Project/Site: SRO 5 State 506/507

Job ID: 880-27296-1
SDG: Loving NM

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-51431/5-A

Matrix: Solid

Analysis Batch: 51465

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 51431

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		04/18/23 16:20	04/19/23 12:02	1
Toluene	<0.00200	U	0.00200	mg/Kg		04/18/23 16:20	04/19/23 12:02	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		04/18/23 16:20	04/19/23 12:02	1
m-Xylene & p-Xylene	<0.00400	U	0.00400	mg/Kg		04/18/23 16:20	04/19/23 12:02	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		04/18/23 16:20	04/19/23 12:02	1
Xylenes, Total	<0.00400	U	0.00400	mg/Kg		04/18/23 16:20	04/19/23 12:02	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	93		70 - 130	04/18/23 16:20	04/19/23 12:02	1
1,4-Difluorobenzene (Surr)	100		70 - 130	04/18/23 16:20	04/19/23 12:02	1

Lab Sample ID: LCS 880-51431/1-A

Matrix: Solid

Analysis Batch: 51465

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 51431

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.09214		mg/Kg		92	70 - 130
Toluene	0.100	0.09314		mg/Kg		93	70 - 130
Ethylbenzene	0.100	0.09026		mg/Kg		90	70 - 130
m-Xylene & p-Xylene	0.200	0.1798		mg/Kg		90	70 - 130
o-Xylene	0.100	0.09190		mg/Kg		92	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	104		70 - 130
1,4-Difluorobenzene (Surr)	109		70 - 130

Lab Sample ID: LCSD 880-51431/2-A

Matrix: Solid

Analysis Batch: 51465

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 51431

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	Limit
Benzene	0.100	0.1007		mg/Kg		101	70 - 130	9	35
Toluene	0.100	0.09912		mg/Kg		99	70 - 130	6	35
Ethylbenzene	0.100	0.08831		mg/Kg		88	70 - 130	2	35
m-Xylene & p-Xylene	0.200	0.1741		mg/Kg		87	70 - 130	3	35
o-Xylene	0.100	0.08990		mg/Kg		90	70 - 130	2	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	94		70 - 130
1,4-Difluorobenzene (Surr)	123		70 - 130

Lab Sample ID: 880-27296-1 MS

Matrix: Solid

Analysis Batch: 51465

Client Sample ID: FL-19 @ 8'

Prep Type: Total/NA

Prep Batch: 51431

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00200	U	0.0998	0.09731		mg/Kg		98	70 - 130
Toluene	<0.00200	U	0.0998	0.09012		mg/Kg		90	70 - 130

Eurofins Midland

QC Sample Results

Client: TRC Solutions, Inc.
Project/Site: SRO 5 State 506/507

Job ID: 880-27296-1
SDG: Loving NM

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: 880-27296-1 MS

Matrix: Solid

Analysis Batch: 51465

Client Sample ID: FL-19 @ 8'

Prep Type: Total/NA

Prep Batch: 51431

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Ethylbenzene	<0.00200	U	0.0998	0.09119		mg/Kg		91	70 - 130
m-Xylene & p-Xylene	<0.00399	U	0.200	0.2040		mg/Kg		102	70 - 130
o-Xylene	<0.00200	U	0.0998	0.08603		mg/Kg		86	70 - 130

Surrogate	MS %Recovery	MS Qualifier	MS Limits
4-Bromofluorobenzene (Surr)	131	S1+	70 - 130
1,4-Difluorobenzene (Surr)	116		70 - 130

Lab Sample ID: 880-27296-1 MSD

Matrix: Solid

Analysis Batch: 51465

Client Sample ID: FL-19 @ 8'

Prep Type: Total/NA

Prep Batch: 51431

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00200	U	0.100	0.08806		mg/Kg		88	70 - 130	10	35
Toluene	<0.00200	U	0.100	0.08271		mg/Kg		82	70 - 130	9	35
Ethylbenzene	<0.00200	U	0.100	0.07577		mg/Kg		75	70 - 130	18	35
m-Xylene & p-Xylene	<0.00399	U	0.201	0.1521		mg/Kg		76	70 - 130	29	35
o-Xylene	<0.00200	U	0.100	0.07740		mg/Kg		77	70 - 130	11	35

Surrogate	MSD %Recovery	MSD Qualifier	MSD Limits
4-Bromofluorobenzene (Surr)	111		70 - 130
1,4-Difluorobenzene (Surr)	110		70 - 130

Lab Sample ID: MB 880-51436/5-A

Matrix: Solid

Analysis Batch: 51464

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 51436

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		04/18/23 17:00	04/19/23 11:33	1
Toluene	<0.00200	U	0.00200	mg/Kg		04/18/23 17:00	04/19/23 11:33	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		04/18/23 17:00	04/19/23 11:33	1
m-Xylene & p-Xylene	<0.00400	U	0.00400	mg/Kg		04/18/23 17:00	04/19/23 11:33	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		04/18/23 17:00	04/19/23 11:33	1
Xylenes, Total	<0.00400	U	0.00400	mg/Kg		04/18/23 17:00	04/19/23 11:33	1

Surrogate	MB %Recovery	MB Qualifier	MB Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	80		70 - 130	04/18/23 17:00	04/19/23 11:33	1
1,4-Difluorobenzene (Surr)	92		70 - 130	04/18/23 17:00	04/19/23 11:33	1

Lab Sample ID: LCS 880-51436/1-A

Matrix: Solid

Analysis Batch: 51464

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 51436

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.08946		mg/Kg		89	70 - 130
Toluene	0.100	0.08931		mg/Kg		89	70 - 130
Ethylbenzene	0.100	0.09691		mg/Kg		97	70 - 130
m-Xylene & p-Xylene	0.200	0.2140		mg/Kg		107	70 - 130

Eurofins Midland

QC Sample Results

Client: TRC Solutions, Inc.
Project/Site: SRO 5 State 506/507

Job ID: 880-27296-1
SDG: Loving NM

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: LCS 880-51436/1-A

Matrix: Solid

Analysis Batch: 51464

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 51436

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
o-Xylene	0.100	0.1175		mg/Kg		117	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	123		70 - 130
1,4-Difluorobenzene (Surr)	107		70 - 130

Lab Sample ID: LCSD 880-51436/2-A

Matrix: Solid

Analysis Batch: 51464

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 51436

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.09144		mg/Kg		91	70 - 130	2	35
Toluene	0.100	0.08958		mg/Kg		90	70 - 130	0	35
Ethylbenzene	0.100	0.09657		mg/Kg		97	70 - 130	0	35
m-Xylene & p-Xylene	0.200	0.2134		mg/Kg		107	70 - 130	0	35
o-Xylene	0.100	0.1122		mg/Kg		112	70 - 130	5	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	125		70 - 130
1,4-Difluorobenzene (Surr)	104		70 - 130

Lab Sample ID: 880-27296-21 MS

Matrix: Solid

Analysis Batch: 51464

Client Sample ID: FL-30 @ 3'

Prep Type: Total/NA

Prep Batch: 51436

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00201	U	0.0998	0.09058		mg/Kg		91	70 - 130
Toluene	<0.00201	U	0.0998	0.09062		mg/Kg		91	70 - 130
Ethylbenzene	<0.00201	U	0.0998	0.09952		mg/Kg		100	70 - 130
m-Xylene & p-Xylene	<0.00402	U	0.200	0.2182		mg/Kg		109	70 - 130
o-Xylene	<0.00201	U	0.0998	0.1140		mg/Kg		114	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	130		70 - 130
1,4-Difluorobenzene (Surr)	102		70 - 130

Lab Sample ID: 880-27296-21 MSD

Matrix: Solid

Analysis Batch: 51464

Client Sample ID: FL-30 @ 3'

Prep Type: Total/NA

Prep Batch: 51436

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00201	U	0.100	0.08731		mg/Kg		87	70 - 130	4	35
Toluene	<0.00201	U	0.100	0.08943		mg/Kg		89	70 - 130	1	35
Ethylbenzene	<0.00201	U	0.100	0.1021		mg/Kg		102	70 - 130	3	35
m-Xylene & p-Xylene	<0.00402	U	0.200	0.2225		mg/Kg		111	70 - 130	2	35
o-Xylene	<0.00201	U	0.100	0.1143		mg/Kg		114	70 - 130	0	35

Eurofins Midland

QC Sample Results

Client: TRC Solutions, Inc.
Project/Site: SRO 5 State 506/507

Job ID: 880-27296-1
SDG: Loving NM

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: 880-27296-21 MSD

Matrix: Solid

Analysis Batch: 51464

Client Sample ID: FL-30 @ 3'

Prep Type: Total/NA

Prep Batch: 51436

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	131	S1+	70 - 130
1,4-Difluorobenzene (Surr)	103		70 - 130

Lab Sample ID: MB 880-51462/5-A

Matrix: Solid

Analysis Batch: 51463

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 51462

	MB	MB							
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil	Fac
Benzene	<0.00200	U	0.00200	mg/Kg		04/19/23 08:18	04/19/23 11:35	1	
Toluene	<0.00200	U	0.00200	mg/Kg		04/19/23 08:18	04/19/23 11:35	1	
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		04/19/23 08:18	04/19/23 11:35	1	
m-Xylene & p-Xylene	<0.00400	U	0.00400	mg/Kg		04/19/23 08:18	04/19/23 11:35	1	
o-Xylene	<0.00200	U	0.00200	mg/Kg		04/19/23 08:18	04/19/23 11:35	1	
Xylenes, Total	<0.00400	U	0.00400	mg/Kg		04/19/23 08:18	04/19/23 11:35	1	
	MB	MB							
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil	Fac
4-Bromofluorobenzene (Surr)	105		70 - 130			04/19/23 08:18	04/19/23 11:35	1	
1,4-Difluorobenzene (Surr)	85		70 - 130			04/19/23 08:18	04/19/23 11:35	1	

Lab Sample ID: LCS 880-51462/1-A

Matrix: Solid

Analysis Batch: 51463

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 51462

	Spike	LCS	LCS					%Rec	
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits		
Benzene	0.100	0.1235		mg/Kg		124	70 - 130		
Toluene	0.100	0.1108		mg/Kg		111	70 - 130		
Ethylbenzene	0.100	0.1222		mg/Kg		122	70 - 130		
m-Xylene & p-Xylene	0.200	0.2564		mg/Kg		128	70 - 130		
o-Xylene	0.100	0.1266		mg/Kg		127	70 - 130		
	LCS	LCS							
Surrogate	%Recovery	Qualifier	Limits						
4-Bromofluorobenzene (Surr)	120		70 - 130						
1,4-Difluorobenzene (Surr)	98		70 - 130						

Lab Sample ID: LCSD 880-51462/2-A

Matrix: Solid

Analysis Batch: 51463

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 51462

	Spike	LCSD	LCSD					%Rec		RPD
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit	
Benzene	0.100	0.1184		mg/Kg		118	70 - 130	4	35	
Toluene	0.100	0.1111		mg/Kg		111	70 - 130	0	35	
Ethylbenzene	0.100	0.1175		mg/Kg		117	70 - 130	4	35	
m-Xylene & p-Xylene	0.200	0.2417		mg/Kg		121	70 - 130	6	35	
o-Xylene	0.100	0.1188		mg/Kg		119	70 - 130	6	35	
	LCSD	LCSD								
Surrogate	%Recovery	Qualifier	Limits							
4-Bromofluorobenzene (Surr)	114		70 - 130							

Eurofins Midland

QC Sample Results

Client: TRC Solutions, Inc.
Project/Site: SRO 5 State 506/507

Job ID: 880-27296-1
SDG: Loving NM

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: LCSD 880-51462/2-A

Matrix: Solid

Analysis Batch: 51463

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 51462

	LCSD	LCSD	
Surrogate	%Recovery	Qualifier	Limits
1,4-Difluorobenzene (Surr)	92		70 - 130

Lab Sample ID: 880-27296-11 MS

Matrix: Solid

Analysis Batch: 51463

Client Sample ID: SW-17

Prep Type: Total/NA

Prep Batch: 51462

	Sample	Sample	Spike	MS	MS				%Rec	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Benzene	<0.00202	U F1	0.0998	0.06990		mg/Kg		70	70 - 130	
Toluene	<0.00202	U	0.0998	0.08968		mg/Kg		90	70 - 130	
Ethylbenzene	<0.00202	U	0.0998	0.1137		mg/Kg		114	70 - 130	
m-Xylene & p-Xylene	<0.00403	U	0.200	0.2373		mg/Kg		119	70 - 130	
o-Xylene	<0.00202	U	0.0998	0.1144		mg/Kg		115	70 - 130	

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	138	S1+	70 - 130
1,4-Difluorobenzene (Surr)	89		70 - 130

Lab Sample ID: 880-27296-11 MSD

Matrix: Solid

Analysis Batch: 51463

Client Sample ID: SW-17

Prep Type: Total/NA

Prep Batch: 51462

	Sample	Sample	Spike	MSD	MSD				%Rec		RPD	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit	
Benzene	<0.00202	U F1	0.100	0.06783	F1	mg/Kg		68	70 - 130	3	35	
Toluene	<0.00202	U	0.100	0.08719		mg/Kg		87	70 - 130	3	35	
Ethylbenzene	<0.00202	U	0.100	0.1109		mg/Kg		111	70 - 130	2	35	
m-Xylene & p-Xylene	<0.00403	U	0.200	0.2242		mg/Kg		112	70 - 130	6	35	
o-Xylene	<0.00202	U	0.100	0.1089		mg/Kg		109	70 - 130	5	35	

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	131	S1+	70 - 130
1,4-Difluorobenzene (Surr)	78		70 - 130

Lab Sample ID: MB 880-51574/8

Matrix: Water

Analysis Batch: 51574

Client Sample ID: Method Blank

Prep Type: Total/NA

	MB	MB								
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac		
Benzene	<0.00200	U	0.00200	mg/L			04/20/23 12:49	1		
Toluene	<0.00200	U	0.00200	mg/L			04/20/23 12:49	1		
Ethylbenzene	<0.00200	U	0.00200	mg/L			04/20/23 12:49	1		
m-Xylene & p-Xylene	<0.00400	U	0.00400	mg/L			04/20/23 12:49	1		
o-Xylene	<0.00200	U	0.00200	mg/L			04/20/23 12:49	1		
Xylenes, Total	<0.00400	U	0.00400	mg/L			04/20/23 12:49	1		

	MB	MB								
Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac				
4-Bromofluorobenzene (Surr)	92		70 - 130		04/20/23 12:49	1				
1,4-Difluorobenzene (Surr)	100		70 - 130		04/20/23 12:49	1				

Eurofins Midland

QC Sample Results

Client: TRC Solutions, Inc.
Project/Site: SRO 5 State 506/507

Job ID: 880-27296-1
SDG: Loving NM

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: LCS 880-51574/3

Matrix: Water

Analysis Batch: 51574

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.1016		mg/L		102	70 - 130
Toluene	0.100	0.09420		mg/L		94	70 - 130
Ethylbenzene	0.100	0.09592		mg/L		96	70 - 130
m-Xylene & p-Xylene	0.200	0.2089		mg/L		104	70 - 130
o-Xylene	0.100	0.08845		mg/L		88	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	119		70 - 130
1,4-Difluorobenzene (Surr)	123		70 - 130

Lab Sample ID: LCSD 880-51574/4

Matrix: Water

Analysis Batch: 51574

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
Benzene	0.100	0.08353		mg/L		84	70 - 130	20	20
Toluene	0.100	0.08276		mg/L		83	70 - 130	13	20
Ethylbenzene	0.100	0.07783	*1	mg/L		78	70 - 130	21	20
m-Xylene & p-Xylene	0.200	0.1576	*1	mg/L		79	70 - 130	28	20
o-Xylene	0.100	0.07941		mg/L		79	70 - 130	11	20

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	103		70 - 130
1,4-Difluorobenzene (Surr)	109		70 - 130

Lab Sample ID: 880-27390-A-1 MS

Matrix: Water

Analysis Batch: 51574

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00200	U	0.100	0.08177		mg/L		82	70 - 130
Toluene	<0.00200	U	0.100	0.07728		mg/L		77	70 - 130
Ethylbenzene	<0.00200	U *1	0.100	0.07630		mg/L		76	70 - 130
m-Xylene & p-Xylene	<0.00400	U *1	0.200	0.1537		mg/L		77	70 - 130
o-Xylene	<0.00200	U	0.100	0.07794		mg/L		78	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	98		70 - 130
1,4-Difluorobenzene (Surr)	107		70 - 130

Lab Sample ID: 880-27390-A-1 MSD

Matrix: Water

Analysis Batch: 51574

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00200	U	0.100	0.08425		mg/L		84	70 - 130	3	25
Toluene	<0.00200	U	0.100	0.08221		mg/L		82	70 - 130	6	25
Ethylbenzene	<0.00200	U *1	0.100	0.07663		mg/L		77	70 - 130	0	25

Eurofins Midland

QC Sample Results

Client: TRC Solutions, Inc.
Project/Site: SRO 5 State 506/507

Job ID: 880-27296-1
SDG: Loving NM

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: 880-27390-A-1 MSD
Matrix: Water
Analysis Batch: 51574

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
m-Xylene & p-Xylene	<0.00400	U *1	0.200	0.1532		mg/L		77	70 - 130	0	25
o-Xylene	<0.00200	U	0.100	0.07696		mg/L		77	70 - 130	1	25
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
4-Bromofluorobenzene (Surr)	94		70 - 130								
1,4-Difluorobenzene (Surr)	108		70 - 130								

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

Lab Sample ID: MB 880-51461/1-A
Matrix: Solid
Analysis Batch: 51456

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 51461

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0	mg/Kg		04/19/23 08:18	04/19/23 08:49	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		04/19/23 08:18	04/19/23 08:49	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		04/19/23 08:18	04/19/23 08:49	1
Surrogate	MB %Recovery	MB Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	179	S1+	70 - 130			04/19/23 08:18	04/19/23 08:49	1
o-Terphenyl	158	S1+	70 - 130			04/19/23 08:18	04/19/23 08:49	1

Lab Sample ID: LCS 880-51461/2-A
Matrix: Solid
Analysis Batch: 51456

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 51461

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits	
Gasoline Range Organics (GRO)-C6-C10	1000	963.1		mg/Kg		96	70 - 130	
Diesel Range Organics (Over C10-C28)	1000	971.9		mg/Kg		97	70 - 130	
Surrogate	LCS %Recovery	LCS Qualifier	Limits					
1-Chlorooctane	116		70 - 130					
o-Terphenyl	112		70 - 130					

Lab Sample ID: LCSD 880-51461/3-A
Matrix: Solid
Analysis Batch: 51456

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 51461

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	885.8		mg/Kg		89	70 - 130	8	20
Diesel Range Organics (Over C10-C28)	1000	980.7		mg/Kg		98	70 - 130	1	20

QC Sample Results

Client: TRC Solutions, Inc.
Project/Site: SRO 5 State 506/507

Job ID: 880-27296-1
SDG: Loving NM

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

Lab Sample ID: LCSD 880-51461/3-A

Matrix: Solid

Analysis Batch: 51456

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 51461

	LCSD	LCSD	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	123		70 - 130
o-Terphenyl	118		70 - 130

Lab Sample ID: 880-27296-1 MS

Matrix: Solid

Analysis Batch: 51456

Client Sample ID: FL-19 @ 8'

Prep Type: Total/NA

Prep Batch: 51461

	Sample	Sample	Spike	MS	MS				%Rec	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	998	1199		mg/Kg		118	70 - 130	
Diesel Range Organics (Over C10-C28)	<49.9	U F1	998	1380	F1	mg/Kg		136	70 - 130	
	MS	MS								
Surrogate	%Recovery	Qualifier	Limits							
1-Chlorooctane	151	S1+	70 - 130							
o-Terphenyl	132	S1+	70 - 130							

Lab Sample ID: 880-27296-1 MSD

Matrix: Solid

Analysis Batch: 51456

Client Sample ID: FL-19 @ 8'

Prep Type: Total/NA

Prep Batch: 51461

	Sample	Sample	Spike	MSD	MSD				%Rec		RPD	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit	
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	999	1297		mg/Kg		128	70 - 130	8	20	
Diesel Range Organics (Over C10-C28)	<49.9	U F1	999	1384	F1	mg/Kg		136	70 - 130	0	20	
	MSD	MSD										
Surrogate	%Recovery	Qualifier	Limits									
1-Chlorooctane	154	S1+	70 - 130									
o-Terphenyl	132	S1+	70 - 130									

Lab Sample ID: MB 880-51466/1-A

Matrix: Solid

Analysis Batch: 51458

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 51466

	MB	MB								
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac		
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0	mg/Kg		04/19/23 08:27	04/19/23 08:49	1		
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		04/19/23 08:27	04/19/23 08:49	1		
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		04/19/23 08:27	04/19/23 08:49	1		
	MB	MB								
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac		
1-Chlorooctane	72		70 - 130			04/19/23 08:27	04/19/23 08:49	1		
o-Terphenyl	89		70 - 130			04/19/23 08:27	04/19/23 08:49	1		

Eurofins Midland

QC Sample Results

Client: TRC Solutions, Inc.
Project/Site: SRO 5 State 506/507

Job ID: 880-27296-1
SDG: Loving NM

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

Lab Sample ID: LCS 880-51466/2-A

Matrix: Solid

Analysis Batch: 51458

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 51466

Analyte			Spike	LCS	LCS	Unit	D	%Rec	%Rec		
			Added	Result	Qualifier				Limits		
Gasoline Range Organics (GRO)-C6-C10			1000	874.7		mg/Kg		87		70 - 130	
Diesel Range Organics (Over C10-C28)			1000	948.0		mg/Kg		95		70 - 130	

Lab Sample ID: LCSD 880-51466/3-A

Matrix: Solid

Analysis Batch: 51458

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 51466

			Spike	LCSD	LCSD				%Rec	RPD	
Analyte			Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Gasoline Range Organics (GRO)-C6-C10			1000	866.2		mg/Kg		87	70 - 130	1	20
Diesel Range Organics (Over C10-C28)			1000	929.7		mg/Kg		93	70 - 130	2	20
	LCSD	LCSD									
Surrogate	%Recovery	Qualifier	Limits								
1-Chlorooctane	91		70 - 130								
o-Terphenyl	88		70 - 130								

Lab Sample ID: 880-27296-21 MS

Matrix: Solid

Analysis Batch: 51458

Client Sample ID: FL-30 @ 3'

Prep Type: Total/NA

Prep Batch: 51466

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec		
	Result	Qualifier	Added	Result	Qualifier				Limits		
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	997	828.4		mg/Kg		82	70 - 130		
Diesel Range Organics (Over C10-C28)	<49.9	U F1	997	621.6	F1	mg/Kg		62	70 - 130		
Surrogate	MS %Recovery	MS Qualifier	Limits								
1-Chlorooctane	75		70 - 130								
o-Terphenyl	68	S1-	70 - 130								

Lab Sample ID: 880-27296-21 MSD

Matrix: Solid

Analysis Batch: 51458

Client Sample ID: FL-30 @ 3'

Prep Type: Total/NA

Prep Batch: 51466

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec	RPD	Limit
	Result	Qualifier	Added	Result	Qualifier				Limits		
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	999	944.8		mg/Kg		93	70 - 130	13	20
Diesel Range Organics (Over C10-C28)	<49.9	U F1	999	681.2	F1	mg/Kg		68	70 - 130	9	20
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
1-Chlorooctane	81		70 - 130								

Eurofins Midland

QC Sample Results

Client: TRC Solutions, Inc.
Project/Site: SRO 5 State 506/507

Job ID: 880-27296-1
SDG: Loving NM

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

Lab Sample ID: 880-27296-21 MSD
Matrix: Solid
Analysis Batch: 51458

Client Sample ID: FL-30 @ 3'
Prep Type: Total/NA
Prep Batch: 51466

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
<i>o</i> -Terphenyl	74		70 - 130

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-51506/1-A
Matrix: Solid
Analysis Batch: 51627

Client Sample ID: Method Blank
Prep Type: Soluble

Analyte	MB	MB							
	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil	Fac
Chloride	<5.00	U	5.00	mg/Kg			04/20/23 00:51		1

Lab Sample ID: LCS 880-51506/2-A
Matrix: Solid
Analysis Batch: 51627

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte		Spike	LCS	LCS				%Rec	
		Added	Result	Qualifier	Unit	D	%Rec	Limits	
Chloride		200	214.9		mg/Kg		107	90 - 110	

Lab Sample ID: LCSD 880-51506/3-A
Matrix: Solid
Analysis Batch: 51627

Client Sample ID: Lab Control Sample Dup
Prep Type: Soluble

Analyte		Spike	LCSD	LCSD				%Rec		RPD
		Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Chloride		200	214.6		mg/Kg		107	90 - 110	0	20

Lab Sample ID: 880-27296-1 MS
Matrix: Solid
Analysis Batch: 51627

Client Sample ID: FL-19 @ 8'
Prep Type: Soluble

Analyte	Sample	Sample	Spike	MS	MS				%Rec	
	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Chloride	209	F1	249	429.9	F1	mg/Kg		89	90 - 110	

Lab Sample ID: 880-27296-1 MSD
Matrix: Solid
Analysis Batch: 51627

Client Sample ID: FL-19 @ 8'
Prep Type: Soluble

Analyte	Sample	Sample	Spike	MSD	MSD				%Rec		RPD
	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Chloride	209	F1	249	430.4	F1	mg/Kg		89	90 - 110	0	20

Lab Sample ID: 880-27296-11 MS
Matrix: Solid
Analysis Batch: 51627

Client Sample ID: SW-17
Prep Type: Soluble

Analyte	Sample	Sample	Spike	MS	MS				%Rec	
	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Chloride	250	F1	251	445.5	F1	mg/Kg		78	90 - 110	

Eurofins Midland

QC Sample Results

Client: TRC Solutions, Inc.
Project/Site: SRO 5 State 506/507

Job ID: 880-27296-1
SDG: Loving NM

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: 880-27296-11 MSD

Matrix: Solid

Analysis Batch: 51627

Client Sample ID: SW-17

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	250	F1	251	446.0	F1	mg/Kg		78	90 - 110	0	20

Lab Sample ID: MB 880-51499/1-A

Matrix: Solid

Analysis Batch: 51636

Client Sample ID: Method Blank

Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00	mg/Kg			04/20/23 03:40	1

Lab Sample ID: LCS 880-51499/2-A

Matrix: Solid

Analysis Batch: 51636

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	241.0		mg/Kg		96	90 - 110

Lab Sample ID: LCSD 880-51499/3-A

Matrix: Solid

Analysis Batch: 51636

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	250	241.8		mg/Kg		97	90 - 110	0	20

Lab Sample ID: 880-27296-21 MS

Matrix: Solid

Analysis Batch: 51636

Client Sample ID: FL-30 @ 3'

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	220	F1	251	442.1	F1	mg/Kg		88	90 - 110

Lab Sample ID: 880-27296-21 MSD

Matrix: Solid

Analysis Batch: 51636

Client Sample ID: FL-30 @ 3'

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	220	F1	251	442.4	F1	mg/Kg		89	90 - 110	0	20

Lab Sample ID: MB 880-51507/1-A

Matrix: Solid

Analysis Batch: 51712

Client Sample ID: Method Blank

Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00	mg/Kg			04/21/23 10:02	1

Lab Sample ID: LCS 880-51507/2-A

Matrix: Solid

Analysis Batch: 51712

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	250.4		mg/Kg		100	90 - 110

Eurofins Midland

QC Sample Results

Client: TRC Solutions, Inc.
Project/Site: SRO 5 State 506/507

Job ID: 880-27296-1
SDG: Loving NM

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: LCSD 880-51507/3-A				Client Sample ID: Lab Control Sample Dup							
Matrix: Solid				Prep Type: Soluble							
Analysis Batch: 51712											
Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride			250	246.4		mg/Kg		99	90 - 110	2	20

Lab Sample ID: 880-27302-A-2-D MS				Client Sample ID: Matrix Spike							
Matrix: Solid				Prep Type: Soluble							
Analysis Batch: 51712											
Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	123	F1	251	351.6		mg/Kg		91	90 - 110		

Lab Sample ID: 880-27302-A-2-E MSD				Client Sample ID: Matrix Spike Duplicate							
Matrix: Solid				Prep Type: Soluble							
Analysis Batch: 51712											
Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	123	F1	251	347.1	F1	mg/Kg		89	90 - 110	1	20

QC Association Summary

Client: TRC Solutions, Inc.
Project/Site: SRO 5 State 506/507

Job ID: 880-27296-1
SDG: Loving NM

GC VOA

Prep Batch: 51431

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-27296-1	FL-19 @ 8'	Total/NA	Solid	5035	
880-27296-2	FL-20 @ 7'	Total/NA	Solid	5035	
880-27296-3	FL-21 @ 7'	Total/NA	Solid	5035	
880-27296-4	FL-22 @ 6'	Total/NA	Solid	5035	
880-27296-5	FL-23 @ 6'	Total/NA	Solid	5035	
880-27296-6	FL-24 @ 6'	Total/NA	Solid	5035	
880-27296-7	FL-25 @ 6'	Total/NA	Solid	5035	
880-27296-8	FL-26 @ 6'	Total/NA	Solid	5035	
880-27296-9	FL-27 @ 6'	Total/NA	Solid	5035	
880-27296-10	FL-28 @ 6'	Total/NA	Solid	5035	
MB 880-51431/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-51431/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-51431/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-27296-1 MS	FL-19 @ 8'	Total/NA	Solid	5035	
880-27296-1 MSD	FL-19 @ 8'	Total/NA	Solid	5035	

Prep Batch: 51436

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-27296-21	FL-30 @ 3'	Total/NA	Solid	5035	
880-27296-22	FL-31 @ 3'	Total/NA	Solid	5035	
880-27296-23	FL-32 @ 3'	Total/NA	Solid	5035	
880-27296-24	FL-33 @ 3'	Total/NA	Solid	5035	
880-27296-25	FL-34 @ 3'	Total/NA	Solid	5035	
880-27296-26	FL-35 @ 10'	Total/NA	Solid	5035	
880-27296-27	FL-36 @ 8'	Total/NA	Solid	5035	
880-27296-28	FL-37 @ 8'	Total/NA	Solid	5035	
880-27296-29	FL-38 @ 8'	Total/NA	Solid	5035	
MB 880-51436/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-51436/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-51436/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-27296-21 MS	FL-30 @ 3'	Total/NA	Solid	5035	
880-27296-21 MSD	FL-30 @ 3'	Total/NA	Solid	5035	

Prep Batch: 51462

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-27296-11	SW-17	Total/NA	Solid	5035	
880-27296-12	SW-18	Total/NA	Solid	5035	
880-27296-13	SW-19	Total/NA	Solid	5035	
880-27296-14	SW-20	Total/NA	Solid	5035	
880-27296-15	SW-21	Total/NA	Solid	5035	
880-27296-16	SW-22	Total/NA	Solid	5035	
880-27296-17	SW-23	Total/NA	Solid	5035	
880-27296-18	SW-24	Total/NA	Solid	5035	
880-27296-19	SW-25	Total/NA	Solid	5035	
880-27296-20	FL-29 @ 3'	Total/NA	Solid	5035	
MB 880-51462/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-51462/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-51462/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-27296-11 MS	SW-17	Total/NA	Solid	5035	
880-27296-11 MSD	SW-17	Total/NA	Solid	5035	

Eurofins Midland

QC Association Summary

Client: TRC Solutions, Inc.
Project/Site: SRO 5 State 506/507

Job ID: 880-27296-1
SDG: Loving NM

GC VOA

Analysis Batch: 51463

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-27296-11	SW-17	Total/NA	Solid	8021B	51462
880-27296-12	SW-18	Total/NA	Solid	8021B	51462
880-27296-13	SW-19	Total/NA	Solid	8021B	51462
880-27296-14	SW-20	Total/NA	Solid	8021B	51462
880-27296-15	SW-21	Total/NA	Solid	8021B	51462
880-27296-16	SW-22	Total/NA	Solid	8021B	51462
880-27296-17	SW-23	Total/NA	Solid	8021B	51462
880-27296-18	SW-24	Total/NA	Solid	8021B	51462
880-27296-19	SW-25	Total/NA	Solid	8021B	51462
880-27296-20	FL-29 @ 3'	Total/NA	Solid	8021B	51462
MB 880-51462/5-A	Method Blank	Total/NA	Solid	8021B	51462
LCS 880-51462/1-A	Lab Control Sample	Total/NA	Solid	8021B	51462
LCSD 880-51462/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	51462
880-27296-11 MS	SW-17	Total/NA	Solid	8021B	51462
880-27296-11 MSD	SW-17	Total/NA	Solid	8021B	51462

Analysis Batch: 51464

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-27296-21	FL-30 @ 3'	Total/NA	Solid	8021B	51436
880-27296-22	FL-31 @ 3'	Total/NA	Solid	8021B	51436
880-27296-23	FL-32 @ 3'	Total/NA	Solid	8021B	51436
880-27296-24	FL-33 @ 3'	Total/NA	Solid	8021B	51436
880-27296-25	FL-34 @ 3'	Total/NA	Solid	8021B	51436
880-27296-26	FL-35 @ 10'	Total/NA	Solid	8021B	51436
880-27296-27	FL-36 @ 8'	Total/NA	Solid	8021B	51436
880-27296-28	FL-37 @ 8'	Total/NA	Solid	8021B	51436
880-27296-29	FL-38 @ 8'	Total/NA	Solid	8021B	51436
MB 880-51436/5-A	Method Blank	Total/NA	Solid	8021B	51436
LCS 880-51436/1-A	Lab Control Sample	Total/NA	Solid	8021B	51436
LCSD 880-51436/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	51436
880-27296-21 MS	FL-30 @ 3'	Total/NA	Solid	8021B	51436
880-27296-21 MSD	FL-30 @ 3'	Total/NA	Solid	8021B	51436

Analysis Batch: 51465

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-27296-1	FL-19 @ 8'	Total/NA	Solid	8021B	51431
880-27296-2	FL-20 @ 7'	Total/NA	Solid	8021B	51431
880-27296-3	FL-21 @ 7'	Total/NA	Solid	8021B	51431
880-27296-4	FL-22 @ 6'	Total/NA	Solid	8021B	51431
880-27296-5	FL-23 @ 6'	Total/NA	Solid	8021B	51431
880-27296-6	FL-24 @ 6'	Total/NA	Solid	8021B	51431
880-27296-7	FL-25 @ 6'	Total/NA	Solid	8021B	51431
880-27296-8	FL-26 @ 6'	Total/NA	Solid	8021B	51431
880-27296-9	FL-27 @ 6'	Total/NA	Solid	8021B	51431
880-27296-10	FL-28 @ 6'	Total/NA	Solid	8021B	51431
MB 880-51431/5-A	Method Blank	Total/NA	Solid	8021B	51431
LCS 880-51431/1-A	Lab Control Sample	Total/NA	Solid	8021B	51431
LCSD 880-51431/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	51431
880-27296-1 MS	FL-19 @ 8'	Total/NA	Solid	8021B	51431
880-27296-1 MSD	FL-19 @ 8'	Total/NA	Solid	8021B	51431

Eurofins Midland

QC Association Summary

Client: TRC Solutions, Inc.
Project/Site: SRO 5 State 506/507

Job ID: 880-27296-1
SDG: Loving NM

GC VOA

Analysis Batch: 51529

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-27296-1	FL-19 @ 8'	Total/NA	Solid	Total BTEX	
880-27296-2	FL-20 @ 7'	Total/NA	Solid	Total BTEX	
880-27296-3	FL-21 @ 7'	Total/NA	Solid	Total BTEX	
880-27296-4	FL-22 @ 6'	Total/NA	Solid	Total BTEX	
880-27296-5	FL-23 @ 6'	Total/NA	Solid	Total BTEX	
880-27296-6	FL-24 @ 6'	Total/NA	Solid	Total BTEX	
880-27296-7	FL-25 @ 6'	Total/NA	Solid	Total BTEX	
880-27296-8	FL-26 @ 6'	Total/NA	Solid	Total BTEX	
880-27296-9	FL-27 @ 6'	Total/NA	Solid	Total BTEX	
880-27296-10	FL-28 @ 6'	Total/NA	Solid	Total BTEX	
880-27296-11	SW-17	Total/NA	Solid	Total BTEX	
880-27296-12	SW-18	Total/NA	Solid	Total BTEX	
880-27296-13	SW-19	Total/NA	Solid	Total BTEX	
880-27296-14	SW-20	Total/NA	Solid	Total BTEX	
880-27296-15	SW-21	Total/NA	Solid	Total BTEX	
880-27296-16	SW-22	Total/NA	Solid	Total BTEX	
880-27296-17	SW-23	Total/NA	Solid	Total BTEX	
880-27296-18	SW-24	Total/NA	Solid	Total BTEX	
880-27296-19	SW-25	Total/NA	Solid	Total BTEX	
880-27296-20	FL-29 @ 3'	Total/NA	Solid	Total BTEX	
880-27296-21	FL-30 @ 3'	Total/NA	Solid	Total BTEX	
880-27296-22	FL-31 @ 3'	Total/NA	Solid	Total BTEX	
880-27296-23	FL-32 @ 3'	Total/NA	Solid	Total BTEX	
880-27296-24	FL-33 @ 3'	Total/NA	Solid	Total BTEX	
880-27296-25	FL-34 @ 3'	Total/NA	Solid	Total BTEX	
880-27296-26	FL-35 @ 10'	Total/NA	Solid	Total BTEX	
880-27296-27	FL-36 @ 8'	Total/NA	Solid	Total BTEX	
880-27296-28	FL-37 @ 8'	Total/NA	Solid	Total BTEX	
880-27296-29	FL-38 @ 8'	Total/NA	Solid	Total BTEX	
880-27296-30	TB-04182023	Total/NA	Water	Total BTEX	

Analysis Batch: 51574

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-27296-30	TB-04182023	Total/NA	Water	8021B	
MB 880-51574/8	Method Blank	Total/NA	Water	8021B	
LCS 880-51574/3	Lab Control Sample	Total/NA	Water	8021B	
LCSD 880-51574/4	Lab Control Sample Dup	Total/NA	Water	8021B	
880-27390-A-1 MS	Matrix Spike	Total/NA	Water	8021B	
880-27390-A-1 MSD	Matrix Spike Duplicate	Total/NA	Water	8021B	

GC Semi VOA

Analysis Batch: 51456

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-27296-1	FL-19 @ 8'	Total/NA	Solid	8015B NM	51461
880-27296-2	FL-20 @ 7'	Total/NA	Solid	8015B NM	51461
880-27296-3	FL-21 @ 7'	Total/NA	Solid	8015B NM	51461
880-27296-4	FL-22 @ 6'	Total/NA	Solid	8015B NM	51461
880-27296-5	FL-23 @ 6'	Total/NA	Solid	8015B NM	51461
880-27296-6	FL-24 @ 6'	Total/NA	Solid	8015B NM	51461
880-27296-7	FL-25 @ 6'	Total/NA	Solid	8015B NM	51461

Eurofins Midland

QC Association Summary

Client: TRC Solutions, Inc.
Project/Site: SRO 5 State 506/507

Job ID: 880-27296-1
SDG: Loving NM

GC Semi VOA (Continued)

Analysis Batch: 51456 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-27296-8	FL-26 @ 6'	Total/NA	Solid	8015B NM	51461
880-27296-9	FL-27 @ 6'	Total/NA	Solid	8015B NM	51461
880-27296-10	FL-28 @ 6'	Total/NA	Solid	8015B NM	51461
880-27296-11	SW-17	Total/NA	Solid	8015B NM	51461
880-27296-12	SW-18	Total/NA	Solid	8015B NM	51461
880-27296-13	SW-19	Total/NA	Solid	8015B NM	51461
880-27296-14	SW-20	Total/NA	Solid	8015B NM	51461
880-27296-15	SW-21	Total/NA	Solid	8015B NM	51461
880-27296-16	SW-22	Total/NA	Solid	8015B NM	51461
880-27296-17	SW-23	Total/NA	Solid	8015B NM	51461
880-27296-18	SW-24	Total/NA	Solid	8015B NM	51461
880-27296-19	SW-25	Total/NA	Solid	8015B NM	51461
880-27296-20	FL-29 @ 3'	Total/NA	Solid	8015B NM	51461
MB 880-51461/1-A	Method Blank	Total/NA	Solid	8015B NM	51461
LCS 880-51461/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	51461
LCSD 880-51461/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	51461
880-27296-1 MS	FL-19 @ 8'	Total/NA	Solid	8015B NM	51461
880-27296-1 MSD	FL-19 @ 8'	Total/NA	Solid	8015B NM	51461

Analysis Batch: 51458

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-27296-21	FL-30 @ 3'	Total/NA	Solid	8015B NM	51466
880-27296-22	FL-31 @ 3'	Total/NA	Solid	8015B NM	51466
880-27296-23	FL-32 @ 3'	Total/NA	Solid	8015B NM	51466
880-27296-24	FL-33 @ 3'	Total/NA	Solid	8015B NM	51466
880-27296-25	FL-34 @ 3'	Total/NA	Solid	8015B NM	51466
880-27296-26	FL-35 @ 10'	Total/NA	Solid	8015B NM	51466
880-27296-27	FL-36 @ 8'	Total/NA	Solid	8015B NM	51466
880-27296-28	FL-37 @ 8'	Total/NA	Solid	8015B NM	51466
880-27296-29	FL-38 @ 8'	Total/NA	Solid	8015B NM	51466
MB 880-51466/1-A	Method Blank	Total/NA	Solid	8015B NM	51466
LCS 880-51466/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	51466
LCSD 880-51466/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	51466
880-27296-21 MS	FL-30 @ 3'	Total/NA	Solid	8015B NM	51466
880-27296-21 MSD	FL-30 @ 3'	Total/NA	Solid	8015B NM	51466

Prep Batch: 51461

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-27296-1	FL-19 @ 8'	Total/NA	Solid	8015NM Prep	
880-27296-2	FL-20 @ 7'	Total/NA	Solid	8015NM Prep	
880-27296-3	FL-21 @ 7'	Total/NA	Solid	8015NM Prep	
880-27296-4	FL-22 @ 6'	Total/NA	Solid	8015NM Prep	
880-27296-5	FL-23 @ 6'	Total/NA	Solid	8015NM Prep	
880-27296-6	FL-24 @ 6'	Total/NA	Solid	8015NM Prep	
880-27296-7	FL-25 @ 6'	Total/NA	Solid	8015NM Prep	
880-27296-8	FL-26 @ 6'	Total/NA	Solid	8015NM Prep	
880-27296-9	FL-27 @ 6'	Total/NA	Solid	8015NM Prep	
880-27296-10	FL-28 @ 6'	Total/NA	Solid	8015NM Prep	
880-27296-11	SW-17	Total/NA	Solid	8015NM Prep	
880-27296-12	SW-18	Total/NA	Solid	8015NM Prep	
880-27296-13	SW-19	Total/NA	Solid	8015NM Prep	

Eurofins Midland

QC Association Summary

Client: TRC Solutions, Inc.
Project/Site: SRO 5 State 506/507

Job ID: 880-27296-1
SDG: Loving NM

GC Semi VOA (Continued)

Prep Batch: 51461 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-27296-14	SW-20	Total/NA	Solid	8015NM Prep	
880-27296-15	SW-21	Total/NA	Solid	8015NM Prep	
880-27296-16	SW-22	Total/NA	Solid	8015NM Prep	
880-27296-17	SW-23	Total/NA	Solid	8015NM Prep	
880-27296-18	SW-24	Total/NA	Solid	8015NM Prep	
880-27296-19	SW-25	Total/NA	Solid	8015NM Prep	
880-27296-20	FL-29 @ 3'	Total/NA	Solid	8015NM Prep	
MB 880-51461/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-51461/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-51461/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-27296-1 MS	FL-19 @ 8'	Total/NA	Solid	8015NM Prep	
880-27296-1 MSD	FL-19 @ 8'	Total/NA	Solid	8015NM Prep	

Prep Batch: 51466

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-27296-21	FL-30 @ 3'	Total/NA	Solid	8015NM Prep	
880-27296-22	FL-31 @ 3'	Total/NA	Solid	8015NM Prep	
880-27296-23	FL-32 @ 3'	Total/NA	Solid	8015NM Prep	
880-27296-24	FL-33 @ 3'	Total/NA	Solid	8015NM Prep	
880-27296-25	FL-34 @ 3'	Total/NA	Solid	8015NM Prep	
880-27296-26	FL-35 @ 10'	Total/NA	Solid	8015NM Prep	
880-27296-27	FL-36 @ 8'	Total/NA	Solid	8015NM Prep	
880-27296-28	FL-37 @ 8'	Total/NA	Solid	8015NM Prep	
880-27296-29	FL-38 @ 8'	Total/NA	Solid	8015NM Prep	
MB 880-51466/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-51466/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-51466/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-27296-21 MS	FL-30 @ 3'	Total/NA	Solid	8015NM Prep	
880-27296-21 MSD	FL-30 @ 3'	Total/NA	Solid	8015NM Prep	

Analysis Batch: 51583

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-27296-1	FL-19 @ 8'	Total/NA	Solid	8015 NM	
880-27296-2	FL-20 @ 7'	Total/NA	Solid	8015 NM	
880-27296-3	FL-21 @ 7'	Total/NA	Solid	8015 NM	
880-27296-4	FL-22 @ 6'	Total/NA	Solid	8015 NM	
880-27296-5	FL-23 @ 6'	Total/NA	Solid	8015 NM	
880-27296-6	FL-24 @ 6'	Total/NA	Solid	8015 NM	
880-27296-7	FL-25 @ 6'	Total/NA	Solid	8015 NM	
880-27296-8	FL-26 @ 6'	Total/NA	Solid	8015 NM	
880-27296-9	FL-27 @ 6'	Total/NA	Solid	8015 NM	
880-27296-10	FL-28 @ 6'	Total/NA	Solid	8015 NM	
880-27296-11	SW-17	Total/NA	Solid	8015 NM	
880-27296-12	SW-18	Total/NA	Solid	8015 NM	
880-27296-13	SW-19	Total/NA	Solid	8015 NM	
880-27296-14	SW-20	Total/NA	Solid	8015 NM	
880-27296-15	SW-21	Total/NA	Solid	8015 NM	
880-27296-16	SW-22	Total/NA	Solid	8015 NM	
880-27296-17	SW-23	Total/NA	Solid	8015 NM	
880-27296-18	SW-24	Total/NA	Solid	8015 NM	
880-27296-19	SW-25	Total/NA	Solid	8015 NM	

Eurofins Midland

QC Association Summary

Client: TRC Solutions, Inc.
Project/Site: SRO 5 State 506/507

Job ID: 880-27296-1
SDG: Loving NM

GC Semi VOA (Continued)

Analysis Batch: 51583 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-27296-20	FL-29 @ 3'	Total/NA	Solid	8015 NM	
880-27296-21	FL-30 @ 3'	Total/NA	Solid	8015 NM	
880-27296-22	FL-31 @ 3'	Total/NA	Solid	8015 NM	
880-27296-23	FL-32 @ 3'	Total/NA	Solid	8015 NM	
880-27296-24	FL-33 @ 3'	Total/NA	Solid	8015 NM	
880-27296-25	FL-34 @ 3'	Total/NA	Solid	8015 NM	
880-27296-26	FL-35 @ 10'	Total/NA	Solid	8015 NM	
880-27296-27	FL-36 @ 8'	Total/NA	Solid	8015 NM	
880-27296-28	FL-37 @ 8'	Total/NA	Solid	8015 NM	
880-27296-29	FL-38 @ 8'	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 51499

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-27296-21	FL-30 @ 3'	Soluble	Solid	DI Leach	
880-27296-22	FL-31 @ 3'	Soluble	Solid	DI Leach	
880-27296-23	FL-32 @ 3'	Soluble	Solid	DI Leach	
880-27296-24	FL-33 @ 3'	Soluble	Solid	DI Leach	
880-27296-25	FL-34 @ 3'	Soluble	Solid	DI Leach	
880-27296-26	FL-35 @ 10'	Soluble	Solid	DI Leach	
880-27296-27	FL-36 @ 8'	Soluble	Solid	DI Leach	
880-27296-28	FL-37 @ 8'	Soluble	Solid	DI Leach	
MB 880-51499/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-51499/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-51499/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-27296-21 MS	FL-30 @ 3'	Soluble	Solid	DI Leach	
880-27296-21 MSD	FL-30 @ 3'	Soluble	Solid	DI Leach	

Leach Batch: 51506

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-27296-1	FL-19 @ 8'	Soluble	Solid	DI Leach	
880-27296-2	FL-20 @ 7'	Soluble	Solid	DI Leach	
880-27296-3	FL-21 @ 7'	Soluble	Solid	DI Leach	
880-27296-4	FL-22 @ 6'	Soluble	Solid	DI Leach	
880-27296-5	FL-23 @ 6'	Soluble	Solid	DI Leach	
880-27296-6	FL-24 @ 6'	Soluble	Solid	DI Leach	
880-27296-7	FL-25 @ 6'	Soluble	Solid	DI Leach	
880-27296-8	FL-26 @ 6'	Soluble	Solid	DI Leach	
880-27296-9	FL-27 @ 6'	Soluble	Solid	DI Leach	
880-27296-10	FL-28 @ 6'	Soluble	Solid	DI Leach	
880-27296-11	SW-17	Soluble	Solid	DI Leach	
880-27296-12	SW-18	Soluble	Solid	DI Leach	
880-27296-13	SW-19	Soluble	Solid	DI Leach	
880-27296-14	SW-20	Soluble	Solid	DI Leach	
880-27296-15	SW-21	Soluble	Solid	DI Leach	
880-27296-16	SW-22	Soluble	Solid	DI Leach	
880-27296-17	SW-23	Soluble	Solid	DI Leach	
880-27296-18	SW-24	Soluble	Solid	DI Leach	
880-27296-19	SW-25	Soluble	Solid	DI Leach	
880-27296-20	FL-29 @ 3'	Soluble	Solid	DI Leach	

Eurofins Midland

QC Association Summary

Client: TRC Solutions, Inc.
Project/Site: SRO 5 State 506/507

Job ID: 880-27296-1
SDG: Loving NM

HPLC/IC (Continued)

Leach Batch: 51506 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-51506/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-51506/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-51506/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-27296-1 MS	FL-19 @ 8'	Soluble	Solid	DI Leach	
880-27296-1 MSD	FL-19 @ 8'	Soluble	Solid	DI Leach	
880-27296-11 MS	SW-17	Soluble	Solid	DI Leach	
880-27296-11 MSD	SW-17	Soluble	Solid	DI Leach	

Leach Batch: 51507

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-27296-29	FL-38 @ 8'	Soluble	Solid	DI Leach	
MB 880-51507/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-51507/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-51507/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-27302-A-2-D MS	Matrix Spike	Soluble	Solid	DI Leach	
880-27302-A-2-E MSD	Matrix Spike Duplicate	Soluble	Solid	DI Leach	

Analysis Batch: 51627

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-27296-1	FL-19 @ 8'	Soluble	Solid	300.0	51506
880-27296-2	FL-20 @ 7'	Soluble	Solid	300.0	51506
880-27296-3	FL-21 @ 7'	Soluble	Solid	300.0	51506
880-27296-4	FL-22 @ 6'	Soluble	Solid	300.0	51506
880-27296-5	FL-23 @ 6'	Soluble	Solid	300.0	51506
880-27296-6	FL-24 @ 6'	Soluble	Solid	300.0	51506
880-27296-7	FL-25 @ 6'	Soluble	Solid	300.0	51506
880-27296-8	FL-26 @ 6'	Soluble	Solid	300.0	51506
880-27296-9	FL-27 @ 6'	Soluble	Solid	300.0	51506
880-27296-10	FL-28 @ 6'	Soluble	Solid	300.0	51506
880-27296-11	SW-17	Soluble	Solid	300.0	51506
880-27296-12	SW-18	Soluble	Solid	300.0	51506
880-27296-13	SW-19	Soluble	Solid	300.0	51506
880-27296-14	SW-20	Soluble	Solid	300.0	51506
880-27296-15	SW-21	Soluble	Solid	300.0	51506
880-27296-16	SW-22	Soluble	Solid	300.0	51506
880-27296-17	SW-23	Soluble	Solid	300.0	51506
880-27296-18	SW-24	Soluble	Solid	300.0	51506
880-27296-19	SW-25	Soluble	Solid	300.0	51506
880-27296-20	FL-29 @ 3'	Soluble	Solid	300.0	51506
MB 880-51506/1-A	Method Blank	Soluble	Solid	300.0	51506
LCS 880-51506/2-A	Lab Control Sample	Soluble	Solid	300.0	51506
LCSD 880-51506/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	51506
880-27296-1 MS	FL-19 @ 8'	Soluble	Solid	300.0	51506
880-27296-1 MSD	FL-19 @ 8'	Soluble	Solid	300.0	51506
880-27296-11 MS	SW-17	Soluble	Solid	300.0	51506
880-27296-11 MSD	SW-17	Soluble	Solid	300.0	51506

Analysis Batch: 51636

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-27296-21	FL-30 @ 3'	Soluble	Solid	300.0	51499
880-27296-22	FL-31 @ 3'	Soluble	Solid	300.0	51499

Eurofins Midland

QC Association Summary

Client: TRC Solutions, Inc.
Project/Site: SRO 5 State 506/507

Job ID: 880-27296-1
SDG: Loving NM

HPLC/IC (Continued)

Analysis Batch: 51636 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-27296-23	FL-32 @ 3'	Soluble	Solid	300.0	51499
880-27296-24	FL-33 @ 3'	Soluble	Solid	300.0	51499
880-27296-25	FL-34 @ 3'	Soluble	Solid	300.0	51499
880-27296-26	FL-35 @ 10'	Soluble	Solid	300.0	51499
880-27296-27	FL-36 @ 8'	Soluble	Solid	300.0	51499
880-27296-28	FL-37 @ 8'	Soluble	Solid	300.0	51499
MB 880-51499/1-A	Method Blank	Soluble	Solid	300.0	51499
LCS 880-51499/2-A	Lab Control Sample	Soluble	Solid	300.0	51499
LCSD 880-51499/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	51499
880-27296-21 MS	FL-30 @ 3'	Soluble	Solid	300.0	51499
880-27296-21 MSD	FL-30 @ 3'	Soluble	Solid	300.0	51499

Analysis Batch: 51712

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-27296-29	FL-38 @ 8'	Soluble	Solid	300.0	51507
MB 880-51507/1-A	Method Blank	Soluble	Solid	300.0	51507
LCS 880-51507/2-A	Lab Control Sample	Soluble	Solid	300.0	51507
LCSD 880-51507/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	51507
880-27302-A-2-D MS	Matrix Spike	Soluble	Solid	300.0	51507
880-27302-A-2-E MSD	Matrix Spike Duplicate	Soluble	Solid	300.0	51507

Lab Chronicle

Client: TRC Solutions, Inc.
Project/Site: SRO 5 State 506/507

Job ID: 880-27296-1
SDG: Loving NM

Client Sample ID: FL-19 @ 8'

Lab Sample ID: 880-27296-1

Date Collected: 04/17/23 08:00

Matrix: Solid

Date Received: 04/18/23 16:08

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 mL	51431	04/18/23 16:20	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	51465	04/19/23 12:30	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			51529	04/19/23 14:57	SM	EET MID
Total/NA	Analysis	8015 NM		1			51583	04/20/23 09:13	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	51461	04/19/23 08:18	AM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	51456	04/19/23 11:22	SM	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	51506	04/19/23 12:32	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	51627	04/20/23 01:06	SMC	EET MID

Client Sample ID: FL-20 @ 7'

Lab Sample ID: 880-27296-2

Date Collected: 04/17/23 08:05

Matrix: Solid

Date Received: 04/18/23 16:08

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 mL	51431	04/18/23 16:20	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	51465	04/19/23 12:51	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			51529	04/19/23 14:57	SM	EET MID
Total/NA	Analysis	8015 NM		1			51583	04/20/23 09:13	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	51461	04/19/23 08:18	AM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	51456	04/19/23 12:27	SM	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	51506	04/19/23 12:32	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	51627	04/20/23 01:20	SMC	EET MID

Client Sample ID: FL-21 @ 7'

Lab Sample ID: 880-27296-3

Date Collected: 04/17/23 08:10

Matrix: Solid

Date Received: 04/18/23 16:08

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 mL	51431	04/18/23 16:20	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	51465	04/19/23 13:11	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			51529	04/19/23 14:57	SM	EET MID
Total/NA	Analysis	8015 NM		1			51583	04/20/23 09:13	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	51461	04/19/23 08:18	AM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	51456	04/19/23 12:48	SM	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	51506	04/19/23 12:32	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	51627	04/20/23 01:25	SMC	EET MID

Client Sample ID: FL-22 @ 6'

Lab Sample ID: 880-27296-4

Date Collected: 04/17/23 08:15

Matrix: Solid

Date Received: 04/18/23 16:08

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 mL	51431	04/18/23 16:20	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	51465	04/19/23 13:32	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			51529	04/19/23 14:57	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: TRC Solutions, Inc.
Project/Site: SRO 5 State 506/507

Job ID: 880-27296-1
SDG: Loving NM

Client Sample ID: FL-22 @ 6'

Lab Sample ID: 880-27296-4

Date Collected: 04/17/23 08:15

Matrix: Solid

Date Received: 04/18/23 16:08

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			51583	04/20/23 09:13	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	51461	04/19/23 08:18	AM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	51456	04/19/23 13:10	SM	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	51506	04/19/23 12:32	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	51627	04/20/23 01:30	SMC	EET MID

Client Sample ID: FL-23 @ 6'

Lab Sample ID: 880-27296-5

Date Collected: 04/17/23 08:20

Matrix: Solid

Date Received: 04/18/23 16:08

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 mL	51431	04/18/23 16:20	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	51465	04/19/23 13:52	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			51529	04/19/23 14:57	SM	EET MID
Total/NA	Analysis	8015 NM		1			51583	04/20/23 09:13	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	51461	04/19/23 08:18	AM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	51456	04/19/23 13:32	SM	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	51506	04/19/23 12:32	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	51627	04/20/23 01:35	SMC	EET MID

Client Sample ID: FL-24 @ 6'

Lab Sample ID: 880-27296-6

Date Collected: 04/17/23 08:25

Matrix: Solid

Date Received: 04/18/23 16:08

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	51431	04/18/23 16:20	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	51465	04/19/23 14:13	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			51529	04/19/23 14:57	SM	EET MID
Total/NA	Analysis	8015 NM		1			51583	04/20/23 09:13	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	51461	04/19/23 08:18	AM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	51456	04/19/23 13:53	SM	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	51506	04/19/23 12:32	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	51627	04/20/23 01:49	SMC	EET MID

Client Sample ID: FL-25 @ 6'

Lab Sample ID: 880-27296-7

Date Collected: 04/17/23 08:30

Matrix: Solid

Date Received: 04/18/23 16:08

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 mL	51431	04/18/23 16:20	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	51465	04/19/23 14:33	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			51529	04/19/23 14:57	SM	EET MID
Total/NA	Analysis	8015 NM		1			51583	04/20/23 09:13	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	51461	04/19/23 08:18	AM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	51456	04/19/23 14:15	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: TRC Solutions, Inc.
Project/Site: SRO 5 State 506/507

Job ID: 880-27296-1
SDG: Loving NM

Client Sample ID: FL-25 @ 6'

Lab Sample ID: 880-27296-7

Date Collected: 04/17/23 08:30

Matrix: Solid

Date Received: 04/18/23 16:08

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			4.96 g	50 mL	51506	04/19/23 12:32	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	51627	04/20/23 01:54	SMC	EET MID

Client Sample ID: FL-26 @ 6'

Lab Sample ID: 880-27296-8

Date Collected: 04/17/23 08:35

Matrix: Solid

Date Received: 04/18/23 16:08

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 mL	51431	04/18/23 16:20	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	51465	04/19/23 14:53	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			51529	04/20/23 09:56	SM	EET MID
Total/NA	Analysis	8015 NM		1			51583	04/20/23 09:13	SM	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	51461	04/19/23 08:18	AM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	51456	04/19/23 14:37	SM	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	51506	04/19/23 12:32	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	51627	04/20/23 01:59	SMC	EET MID

Client Sample ID: FL-27 @ 6'

Lab Sample ID: 880-27296-9

Date Collected: 04/17/23 08:40

Matrix: Solid

Date Received: 04/18/23 16:08

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 mL	51431	04/18/23 16:20	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	51465	04/19/23 15:14	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			51529	04/20/23 09:56	SM	EET MID
Total/NA	Analysis	8015 NM		1			51583	04/20/23 09:13	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	51461	04/19/23 08:18	AM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	51456	04/19/23 14:59	SM	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	51506	04/19/23 12:32	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	51627	04/20/23 02:04	SMC	EET MID

Client Sample ID: FL-28 @ 6'

Lab Sample ID: 880-27296-10

Date Collected: 04/17/23 08:45

Matrix: Solid

Date Received: 04/18/23 16:08

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 mL	51431	04/18/23 16:20	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	51465	04/19/23 15:34	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			51529	04/20/23 09:56	SM	EET MID
Total/NA	Analysis	8015 NM		1			51583	04/20/23 09:13	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	51461	04/19/23 08:18	AM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	51456	04/19/23 15:20	SM	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	51506	04/19/23 12:32	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	51627	04/20/23 02:09	SMC	EET MID

Eurofins Midland

Lab Chronicle

Client: TRC Solutions, Inc.
Project/Site: SRO 5 State 506/507

Job ID: 880-27296-1
SDG: Loving NM

Client Sample ID: SW-17**Lab Sample ID: 880-27296-11****Date Collected: 04/17/23 08:50****Matrix: Solid****Date Received: 04/18/23 16:08**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.96 g	5 mL	51462	04/19/23 08:18	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	51463	04/19/23 11:57	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			51529	04/19/23 15:08	SM	EET MID
Total/NA	Analysis	8015 NM		1			51583	04/20/23 09:13	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	51461	04/19/23 08:18	AM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	51456	04/19/23 16:06	SM	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	51506	04/19/23 12:32	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	51627	04/20/23 02:13	SMC	EET MID

Client Sample ID: SW-18**Lab Sample ID: 880-27296-12****Date Collected: 04/17/23 08:55****Matrix: Solid****Date Received: 04/18/23 16:08**

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 mL	51462	04/19/23 08:18	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	51463	04/19/23 12:17	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			51529	04/19/23 15:08	SM	EET MID
Total/NA	Analysis	8015 NM		1			51583	04/20/23 09:13	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	51461	04/19/23 08:18	AM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	51456	04/19/23 16:27	SM	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	51506	04/19/23 12:32	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	51627	04/20/23 02:28	SMC	EET MID

Client Sample ID: SW-19**Lab Sample ID: 880-27296-13****Date Collected: 04/17/23 09:00****Matrix: Solid****Date Received: 04/18/23 16:08**

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 mL	51462	04/19/23 08:18	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	51463	04/19/23 12:38	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			51529	04/19/23 15:08	SM	EET MID
Total/NA	Analysis	8015 NM		1			51583	04/20/23 09:13	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	51461	04/19/23 08:18	AM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	51456	04/19/23 16:49	SM	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	51506	04/19/23 12:32	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	51627	04/20/23 02:33	SMC	EET MID

Client Sample ID: SW-20**Lab Sample ID: 880-27296-14****Date Collected: 04/17/23 09:05****Matrix: Solid****Date Received: 04/18/23 16:08**

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 mL	51462	04/19/23 08:18	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	51463	04/19/23 12:59	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			51529	04/19/23 15:08	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: TRC Solutions, Inc.
Project/Site: SRO 5 State 506/507

Job ID: 880-27296-1
SDG: Loving NM

Client Sample ID: SW-20

Lab Sample ID: 880-27296-14

Date Collected: 04/17/23 09:05

Matrix: Solid

Date Received: 04/18/23 16:08

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			51583	04/20/23 09:13	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	51461	04/19/23 08:18	AM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	51456	04/19/23 17:11	SM	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	51506	04/19/23 12:32	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	51627	04/20/23 02:47	SMC	EET MID

Client Sample ID: SW-21

Lab Sample ID: 880-27296-15

Date Collected: 04/17/23 09:10

Matrix: Solid

Date Received: 04/18/23 16:08

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 mL	51462	04/19/23 08:18	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	51463	04/19/23 13:20	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			51529	04/19/23 15:08	SM	EET MID
Total/NA	Analysis	8015 NM		1			51583	04/20/23 09:13	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	51461	04/19/23 08:18	AM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	51456	04/19/23 17:33	SM	EET MID
Soluble	Leach	DI Leach			5 g	50 mL	51506	04/19/23 12:32	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	51627	04/20/23 02:52	SMC	EET MID

Client Sample ID: SW-22

Lab Sample ID: 880-27296-16

Date Collected: 04/17/23 09:15

Matrix: Solid

Date Received: 04/18/23 16:08

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 mL	51462	04/19/23 08:18	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	51463	04/19/23 13:40	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			51529	04/19/23 15:08	SM	EET MID
Total/NA	Analysis	8015 NM		1			51583	04/20/23 09:13	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	51461	04/19/23 08:18	AM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	51456	04/19/23 17:54	SM	EET MID
Soluble	Leach	DI Leach			5 g	50 mL	51506	04/19/23 12:32	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	51627	04/20/23 02:57	SMC	EET MID

Client Sample ID: SW-23

Lab Sample ID: 880-27296-17

Date Collected: 04/17/23 09:20

Matrix: Solid

Date Received: 04/18/23 16:08

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 mL	51462	04/19/23 08:18	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	51463	04/19/23 14:01	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			51529	04/19/23 15:08	SM	EET MID
Total/NA	Analysis	8015 NM		1			51583	04/20/23 09:13	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	51461	04/19/23 08:18	AM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	51456	04/19/23 18:16	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: TRC Solutions, Inc.
Project/Site: SRO 5 State 506/507

Job ID: 880-27296-1
SDG: Loving NM

Client Sample ID: SW-23

Lab Sample ID: 880-27296-17

Date Collected: 04/17/23 09:20

Matrix: Solid

Date Received: 04/18/23 16:08

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.01 g	50 mL	51506	04/19/23 12:32	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	51627	04/20/23 03:02	SMC	EET MID

Client Sample ID: SW-24

Lab Sample ID: 880-27296-18

Date Collected: 04/17/23 09:25

Matrix: Solid

Date Received: 04/18/23 16:08

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	51462	04/19/23 08:18	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	51463	04/19/23 14:22	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			51529	04/19/23 15:08	SM	EET MID
Total/NA	Analysis	8015 NM		1			51583	04/20/23 09:13	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	51461	04/19/23 08:18	AM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	51456	04/19/23 18:38	SM	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	51506	04/19/23 12:32	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	51627	04/20/23 03:07	SMC	EET MID

Client Sample ID: SW-25

Lab Sample ID: 880-27296-19

Date Collected: 04/17/23 09:30

Matrix: Solid

Date Received: 04/18/23 16:08

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 mL	51462	04/19/23 08:18	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	51463	04/19/23 14:43	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			51529	04/19/23 15:08	SM	EET MID
Total/NA	Analysis	8015 NM		1			51583	04/20/23 09:13	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	51461	04/19/23 08:18	AM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	51456	04/19/23 18:59	SM	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	51506	04/19/23 12:32	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	51627	04/20/23 03:11	SMC	EET MID

Client Sample ID: FL-29 @ 3'

Lab Sample ID: 880-27296-20

Date Collected: 04/17/23 09:35

Matrix: Solid

Date Received: 04/18/23 16:08

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 mL	51462	04/19/23 08:18	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	51463	04/19/23 15:03	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			51529	04/20/23 09:49	SM	EET MID
Total/NA	Analysis	8015 NM		1			51583	04/20/23 09:13	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	51461	04/19/23 08:18	AM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	51456	04/19/23 19:22	SM	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	51506	04/19/23 12:32	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	51627	04/20/23 03:16	SMC	EET MID

Eurofins Midland

Lab Chronicle

Client: TRC Solutions, Inc.
Project/Site: SRO 5 State 506/507

Job ID: 880-27296-1
SDG: Loving NM

Client Sample ID: FL-30 @ 3'

Lab Sample ID: 880-27296-21

Date Collected: 04/17/23 09:40

Matrix: Solid

Date Received: 04/18/23 16:08

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 mL	51436	04/18/23 17:00	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	51464	04/19/23 11:55	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			51529	04/19/23 15:37	SM	EET MID
Total/NA	Analysis	8015 NM		1			51583	04/20/23 11:30	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	51466	04/19/23 09:07	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	51458	04/19/23 11:22	SM	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	51499	04/19/23 12:23	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	51636	04/20/23 03:55	SMC	EET MID

Client Sample ID: FL-31 @ 3'

Lab Sample ID: 880-27296-22

Date Collected: 04/17/23 09:45

Matrix: Solid

Date Received: 04/18/23 16:08

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.96 g	5 mL	51436	04/18/23 17:00	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	51464	04/19/23 12:16	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			51529	04/19/23 15:37	SM	EET MID
Total/NA	Analysis	8015 NM		1			51583	04/20/23 11:30	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	51466	04/19/23 09:07	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	51458	04/19/23 12:27	SM	EET MID
Soluble	Leach	DI Leach			5 g	50 mL	51499	04/19/23 12:23	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	51636	04/20/23 04:10	SMC	EET MID

Client Sample ID: FL-32 @ 3'

Lab Sample ID: 880-27296-23

Date Collected: 04/17/23 09:50

Matrix: Solid

Date Received: 04/18/23 16:08

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 mL	51436	04/18/23 17:00	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	51464	04/19/23 12:36	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			51529	04/19/23 15:37	SM	EET MID
Total/NA	Analysis	8015 NM		1			51583	04/20/23 11:30	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	51466	04/19/23 09:07	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	51458	04/19/23 12:48	SM	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	51499	04/19/23 12:23	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	51636	04/20/23 04:14	SMC	EET MID

Client Sample ID: FL-33 @ 3'

Lab Sample ID: 880-27296-24

Date Collected: 04/17/23 09:55

Matrix: Solid

Date Received: 04/18/23 16:08

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	51436	04/18/23 17:00	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	51464	04/19/23 12:57	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			51529	04/19/23 15:37	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: TRC Solutions, Inc.
Project/Site: SRO 5 State 506/507

Job ID: 880-27296-1
SDG: Loving NM

Client Sample ID: FL-33 @ 3'

Lab Sample ID: 880-27296-24

Date Collected: 04/17/23 09:55

Matrix: Solid

Date Received: 04/18/23 16:08

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			51583	04/20/23 11:30	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	51466	04/19/23 09:07	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	51458	04/19/23 13:10	SM	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	51499	04/19/23 12:23	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	51636	04/20/23 04:19	SMC	EET MID

Client Sample ID: FL-34 @ 3'

Lab Sample ID: 880-27296-25

Date Collected: 04/17/23 10:00

Matrix: Solid

Date Received: 04/18/23 16:08

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 mL	51436	04/18/23 17:00	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	51464	04/19/23 13:17	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			51529	04/19/23 15:37	SM	EET MID
Total/NA	Analysis	8015 NM		1			51583	04/20/23 11:30	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	51466	04/19/23 09:07	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	51458	04/19/23 13:32	SM	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	51499	04/19/23 12:23	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	51636	04/20/23 04:24	SMC	EET MID

Client Sample ID: FL-35 @ 10'

Lab Sample ID: 880-27296-26

Date Collected: 04/17/23 10:05

Matrix: Solid

Date Received: 04/18/23 16:08

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 mL	51436	04/18/23 17:00	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	51464	04/19/23 13:38	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			51529	04/19/23 15:37	SM	EET MID
Total/NA	Analysis	8015 NM		1			51583	04/20/23 11:30	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	51466	04/19/23 09:07	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	51458	04/19/23 13:53	SM	EET MID
Soluble	Leach	DI Leach			5 g	50 mL	51499	04/19/23 12:23	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	51636	04/20/23 04:39	SMC	EET MID

Client Sample ID: FL-36 @ 8'

Lab Sample ID: 880-27296-27

Date Collected: 04/17/23 10:10

Matrix: Solid

Date Received: 04/18/23 16:08

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 mL	51436	04/18/23 17:00	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	51464	04/19/23 13:58	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			51529	04/19/23 15:37	SM	EET MID
Total/NA	Analysis	8015 NM		1			51583	04/20/23 11:30	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	51466	04/19/23 09:07	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	51458	04/19/23 14:15	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: TRC Solutions, Inc.
Project/Site: SRO 5 State 506/507

Job ID: 880-27296-1
SDG: Loving NM

Client Sample ID: FL-36 @ 8'

Lab Sample ID: 880-27296-27

Date Collected: 04/17/23 10:10

Matrix: Solid

Date Received: 04/18/23 16:08

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.02 g	50 mL	51499	04/19/23 12:23	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	51636	04/20/23 04:43	SMC	EET MID

Client Sample ID: FL-37 @ 8'

Lab Sample ID: 880-27296-28

Date Collected: 04/17/23 10:15

Matrix: Solid

Date Received: 04/18/23 16:08

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 mL	51436	04/18/23 17:00	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	51464	04/19/23 14:19	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			51529	04/19/23 15:37	SM	EET MID
Total/NA	Analysis	8015 NM		1			51583	04/20/23 11:30	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	51466	04/19/23 09:07	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	51458	04/19/23 14:37	SM	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	51499	04/19/23 12:23	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	51636	04/20/23 04:48	SMC	EET MID

Client Sample ID: FL-38 @ 8'

Lab Sample ID: 880-27296-29

Date Collected: 04/17/23 10:20

Matrix: Solid

Date Received: 04/18/23 16:08

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 mL	51436	04/18/23 17:00	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	51464	04/19/23 14:39	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			51529	04/19/23 15:37	SM	EET MID
Total/NA	Analysis	8015 NM		1			51583	04/20/23 11:30	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	51466	04/19/23 09:07	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	51458	04/19/23 14:59	SM	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	51507	04/19/23 12:33	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	51712	04/21/23 12:18	SMC	EET MID

Client Sample ID: TB-04182023

Lab Sample ID: 880-27296-30

Date Collected: 04/18/23 00:00

Matrix: Water

Date Received: 04/18/23 16:08

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8021B		1	5 mL	5 mL	51574	04/20/23 13:17	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			51529	04/20/23 15:15	SM	EET MID

Laboratory References:

EET MID = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

Eurofins Midland

Accreditation/Certification Summary

Client: TRC Solutions, Inc.
Project/Site: SRO 5 State 506/507

Job ID: 880-27296-1
SDG: Loving NM

Laboratory: Eurofins Midland

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

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704400-22-25	06-30-23

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
8015 NM		Solid	Total TPH
Total BTEX		Solid	Total BTEX
Total BTEX		Water	Total BTEX

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

Method Summary

Client: TRC Solutions, Inc.
Project/Site: SRO 5 State 506/507

Job ID: 880-27296-1
SDG: Loving NM

Method	Method Description	Protocol	Laboratory
8021B	Volatile Organic Compounds (GC)	SW846	EET MID
Total BTEX	Total BTEX Calculation	TAL SOP	EET MID
8015 NM	Diesel Range Organics (DRO) (GC)	SW846	EET MID
8015B NM	Diesel Range Organics (DRO) (GC)	SW846	EET MID
300.0	Anions, Ion Chromatography	EPA	EET MID
5030B	Purge and Trap	SW846	EET MID
5035	Closed System Purge and Trap	SW846	EET MID
8015NM Prep	Microextraction	SW846	EET MID
DI Leach	Deionized Water Leaching Procedure	ASTM	EET MID

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.

TAL SOP = TestAmerica Laboratories, Standard Operating Procedure

Laboratory References:

EET MID = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

Sample Summary

Client: TRC Solutions, Inc.
Project/Site: SRO 5 State 506/507

Job ID: 880-27296-1
SDG: Loving NM

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
880-27296-1	FL-19 @ 8'	Solid	04/17/23 08:00	04/18/23 16:08
880-27296-2	FL-20 @ 7'	Solid	04/17/23 08:05	04/18/23 16:08
880-27296-3	FL-21 @ 7'	Solid	04/17/23 08:10	04/18/23 16:08
880-27296-4	FL-22 @ 6'	Solid	04/17/23 08:15	04/18/23 16:08
880-27296-5	FL-23 @ 6'	Solid	04/17/23 08:20	04/18/23 16:08
880-27296-6	FL-24 @ 6'	Solid	04/17/23 08:25	04/18/23 16:08
880-27296-7	FL-25 @ 6'	Solid	04/17/23 08:30	04/18/23 16:08
880-27296-8	FL-26 @ 6'	Solid	04/17/23 08:35	04/18/23 16:08
880-27296-9	FL-27 @ 6'	Solid	04/17/23 08:40	04/18/23 16:08
880-27296-10	FL-28 @ 6'	Solid	04/17/23 08:45	04/18/23 16:08
880-27296-11	SW-17	Solid	04/17/23 08:50	04/18/23 16:08
880-27296-12	SW-18	Solid	04/17/23 08:55	04/18/23 16:08
880-27296-13	SW-19	Solid	04/17/23 09:00	04/18/23 16:08
880-27296-14	SW-20	Solid	04/17/23 09:05	04/18/23 16:08
880-27296-15	SW-21	Solid	04/17/23 09:10	04/18/23 16:08
880-27296-16	SW-22	Solid	04/17/23 09:15	04/18/23 16:08
880-27296-17	SW-23	Solid	04/17/23 09:20	04/18/23 16:08
880-27296-18	SW-24	Solid	04/17/23 09:25	04/18/23 16:08
880-27296-19	SW-25	Solid	04/17/23 09:30	04/18/23 16:08
880-27296-20	FL-29 @ 3'	Solid	04/17/23 09:35	04/18/23 16:08
880-27296-21	FL-30 @ 3'	Solid	04/17/23 09:40	04/18/23 16:08
880-27296-22	FL-31 @ 3'	Solid	04/17/23 09:45	04/18/23 16:08
880-27296-23	FL-32 @ 3'	Solid	04/17/23 09:50	04/18/23 16:08
880-27296-24	FL-33 @ 3'	Solid	04/17/23 09:55	04/18/23 16:08
880-27296-25	FL-34 @ 3'	Solid	04/17/23 10:00	04/18/23 16:08
880-27296-26	FL-35 @ 10'	Solid	04/17/23 10:05	04/18/23 16:08
880-27296-27	FL-36 @ 8'	Solid	04/17/23 10:10	04/18/23 16:08
880-27296-28	FL-37 @ 8'	Solid	04/17/23 10:15	04/18/23 16:08
880-27296-29	FL-38 @ 8'	Solid	04/17/23 10:20	04/18/23 16:08
880-27296-30	TB-04182023	Water	04/18/23 00:00	04/18/23 16:08



Chain of Custody

Houston, TX (281) 240-4200, Dallas, TX (214) 902-0300
Midland, TX (432) 704-5440, San Antonio, TX (210) 509-3334
EL Paso, TX (915) 585-3443 Lubbock, TX (806) 794-1296
Hobbs, NM (575) 392-7550 Carlsbad, NM (575) 988-3199

Environment Test ng
Xenco

Work Order No: 27296

www.xenco.com Page 1 of 3

Project Manager: Tara Stoffer		Bill to (if different)	
Company Name: TRC		Company Name:	
Address: 10 Doster Dr. Ste 130E		Address:	
City, State ZIP: Midland, TX 79705		City, State ZIP:	
Phone: 432-238-3003		Email: Tara.Misti@TRC.com	

Project Name: 5805 State 506/507		Turn Around	
Project Number: 450169		Rush ☒ Routine ☐	
Project Location: Loving, NM		Due Date:	
Sampler's Name: Maria Bryant		TAT starts the day received by the lab, if received by 4:30pm	
PO #			

SAMPLE RECEIPT		Temp Blank:		Wet Ice:		Thermometer ID		Correction Factor		Temperature Reading		Corrected Temperature	
Samples Received Intact:	(Yes) No	(Yes) No	(Yes) No	12-8	-0.3	5.8	5.8						
Cooler Custody Seals:	Yes No	(N/A)	(N/A)										
Sample Custody Seals:	Yes No	(N/A)	(N/A)										
Total Containers:													

Sample Identification	Matrix	Date Sampled	Time Sampled	Depth	Grab/Comp	# of Cont	Parameters	Pres. Code	ANALYSIS REQUEST	Preservative Codes	Sample Comments
FL-19 08'	SS	4/17/23	0800	8'	C	1	TRP 8015M			None NO	
FL-20 07'			0805	7'			B7E7 8021B			Cool Cool	
FL-21 07'			0810	7'						HCL HC	
FL-22 06'			0815	6'						HNO ₃ HN	
FL-23 06'			0820	6'						H ₂ SO ₄ H ₂	
FL-24 06'			0825	6'						H ₃ PO ₄ HP	
FL-25 06'			0830	6'						NaHSO ₄ NABIS	
FL-26 06'			0835	6'						Na ₂ S ₂ O ₃ NaSO ₃	
FL-27 06'			0840	6'						Zn Acetate+NaOH Zn	
FL-28 06'			0845	6'						NaOH+Ascorbic Acid SAPC	



880-27296 Chain of Custody

Total 200.7 / 6010	200.8 / 6020:	8RCRA 13PPM Texas 11	Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO ₂ Na Sr Ti Sn U V Zn
(Circle Method(s) and Metal(s) to be analyzed)		TCPL / SPLP 6010	8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Ti U Hg 1631 / 245.1 / 7470 / 7471

Notice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Eurofins Xenco. Its affiliates and subcontractors. It assigns standard terms and conditions of service. Eurofins Xenco will be liable only for the cost of samples and shall not assume any responsibility for any losses or expenses incurred by the client if such losses are due to circumstances beyond the control of Eurofins Xenco. A minimum charge of \$65.00 will be applied to each project and a charge of \$5 for each sample submitted to Eurofins Xenco, but not analyzed. These terms will be enforced unless previously negotiated.

Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1 Maria Bryant		4-19-23 11:45 AM			
3		11:00 AM			
5					

Revised Date: 08/25/2020 Rev. 2020.2



Chain of Custody

Houston, TX (281) 240-4200, Dallas TX (214) 902-0300
Midland TX (432) 704-5440 San Antonio, TX (210) 509-3334
El Paso, TX (915) 585-3443 Lubbock, TX (806) 794-1296
Hobbs, NM (575) 392 7550 Carlsbad, NM (575) 988-3199

Environment Testin
Xenco

Work Order No:

27296

www.xenco.com

Page

2 of 3

Work Order Comments

Program: ☐ UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐
State of Project: NM
Reporting Level II ☐ Level III ☐ PST/UST ☐ TRRP ☐ Level IV ☐
Deliverables EDD ☐ ADaPT ☐ Other

Project Manager: Daniel Steffel
Company Name: TRC
Address: 10 DENTON DR. STE 130E
City, State ZIP: MIDLAND, TX 79705
Phone: 432-238-3003
Email: Daniel.Steffel@TRC.com

Project Name: SR0.5 State 506/507
Project Number: 45069
Project Location: Lowry, NM
Sampler's Name: M. B. Bryant
P.O. #

Turn Around ☐ Routine ☒ Rush 24 Hrs
Due Date: TRH 8015M
TAT starts the day received by the lab, if received by 4:30pm

Temp Blank: Yes ☒ No ☐ Wet Ice: Yes ☐ No ☒
Thermometer ID: TC-8
Cooler Custody Seals: Yes ☒ No ☐ Correction Factor: -0.3
Sample Custody Seals: Yes ☒ No ☐ Temperature Reading: 5.8
Total Containers: 5.5

Sample Identification	Matrix	Date Sampled	Time Sampled	Depth	Grab/Comp	# of Cont	Parameters
<u>SW-17</u>	<u>25</u>	<u>4/17/23</u>	<u>0850</u>	<u>-</u>	<u>G</u>	<u>1</u>	<u>TRH 8015M</u>
<u>SW-18</u>			<u>0855</u>	<u>-</u>			<u>TRH 8015M</u>
<u>SW-19</u>			<u>0900</u>	<u>-</u>			<u>TRH 8015M</u>
<u>SW-20</u>			<u>0905</u>	<u>-</u>			<u>TRH 8015M</u>
<u>SW-21</u>			<u>0910</u>	<u>-</u>			<u>TRH 8015M</u>
<u>SW-22</u>			<u>0915</u>	<u>-</u>			<u>TRH 8015M</u>
<u>SW-23</u>			<u>0920</u>	<u>-</u>			<u>TRH 8015M</u>
<u>SW-24</u>			<u>0925</u>	<u>-</u>			<u>TRH 8015M</u>
<u>SW-25</u>			<u>0930</u>	<u>-</u>			<u>TRH 8015M</u>
<u>FL-29 03'</u>	<u>25</u>	<u>4/17/23</u>	<u>0935</u>	<u>3'</u>	<u>↓</u>	<u>↓</u>	<u>TRH 8015M</u>

Total 200.7 / 6010 200.8 / 6020: 8RCRA 13PPM Texas 11 Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO₂ Na Sr Ti Sn U V Zn
Circle Method(s) and Metal(s) to be analyzed TCLP / SPLP 6010 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Ti U Hg 1631 / 245 1 / 7470 / 7471

Notice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Eurofins Xenco. Its affiliates and subcontractors. It assigns standard terms and conditions of service. Eurofins Xenco will be liable only for the cost of samples and shall not assume any responsibility for any losses or expenses incurred by the client if such losses are due to circumstances beyond the control of Eurofins Xenco. A minimum charge of \$85.00 will be applied to each project and a charge of \$5 for each sample submitted to Eurofins Xenco, but not analyzed. These terms will be enforced unless previously negotiated.

Relinquished by: (Signature) M. B. Bryant Received by: (Signature) [Signature] Date/Time 4-18-23 11:45am

1 M. B. Bryant 2 4-18-23 11:45am
3 4-18-23 11:45am
4 4-18-23 11:45am
5 4-18-23 11:45am

Revised Date: 08/25/2020 Rev. 2020.2



Environment Testing
Xenco

Chain of Custody

Houston, TX (281) 240-4200, Dallas, TX (214) 902-0300
Midland, TX (432) 704-5440, San Antonio, TX (210) 509-3334
El Paso, TX (915) 585-3443 Lubbock, TX (806) 794-1296
Hobbs, NM (575) 392-7550, Carlsbad, NM (575) 988-3199

Work Order No: 27296

www.xenco.com

Page 3 of 3

Work Order Comments	
Program: ☐ UST/PST ☐ PPP ☐ Brownfields ☐ RRC ☐ Superfund ☐	
State of Project: <u>NM</u>	
Reporting Level II ☐ Level III ☐ PST/UST ☐ TRRP ☐ Level IV ☐	
Deliverables: EDD ☐ ADAPT ☐ Other	

Project Manager: <u>Jared Stappell</u>	Bill to: (if different)
Company Name: <u>TRC</u>	Company Name:
Address: <u>10 Delta Dr. Ste 130E</u>	Address:
City, State ZIP: <u>Midland, TX 79705</u>	City, State ZIP:
Phone: <u>432-238-3803</u>	Email: <u>Jared.Misti@TheTaverner.com</u>

Project Name: <u>SAP 5 State 506/507</u>		Turn Around		Pres. Code		ANALYSIS REQUEST		Preservative Codes	
P Project Number: <u>450169</u>	☐ Routine ☒ Rush <u>24hr</u>	Due Date:							
Project Location: <u>Loving NM</u>									
Sampler's Name: <u>Misti Bryant</u>									
PO #									
SAMPLE RECEIPT		Temp Blank: Yes ☐ No ☒	Wet Ice: Yes ☐ No ☒						
Samples Received Intact: Yes ☒ No ☐	Thermometer ID: <u>TR-8</u>								
Cooler Custody Seals: Yes ☒ No ☐	Correction Factor: <u>-0.3</u>								
Sample Custody Seals: Yes ☒ No ☐	Temperature Reading: <u>5.8</u>								
Total Containers:	Corrected Temperature: <u>5.5</u>								
Sample Identification	Matrix	Date Sampled	Time Sampled	Depth	Grab/Comp	# of Cont			
FL-30 03'	SS	4/17/23	0940	3'	C	1			
FL-31 03'			0945						
FL-32 03'			0950						
FL-33 03'			0955						
FL-34 03'			1000						
FL-35 010'			1005	10'					
FL-36 08'			1010	8'					
FL-37 08'			1015						
FL-38 08'			1020						
TB- 04/18/2023	W	4/18/23				2			

Total 200.7 / 6010	200.8 / 6020:	8RCRA 13PPM Texas 11 Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO ₂ Na Sr Ti Sn U V Zn
Circle Method(s) and Metal(s) to be analyzed	8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Ti U	Hg 1631 / 245 1 / 7470 / 7471

Notice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Eurofins Xenco. Its affiliates and subcontractors. It assigns standard terms and conditions of service. Eurofins Xenco will be liable only for the cost of samples and shall not assume any responsibility for any losses or expenses incurred by the client if such losses are due to circumstances beyond the control of Eurofins Xenco. A minimum charge of \$85.00 will be applied to each project and a charge of \$5 for each sample submitted to Eurofins Xenco, but not analyzed. These terms will be enforced unless previously negotiated.

Relinquished by (Signature)	Received by (Signature)	Date/Time	Relinquished by (Signature)	Received by (Signature)	Date/Time
<u>Misti Bryant</u>	<u>[Signature]</u>	<u>11:45 PM 4-18-23</u>			
		<u>1608</u>			

Revised Date: 08/25/2020 Rev. 2020.2

Login Sample Receipt Checklist

Client: TRC Solutions, Inc.

Job Number: 880-27296-1

SDG Number: Loving NM

Login Number: 27296

List Number: 1

Creator: Rodriguez, Leticia

List Source: Eurofins Midland

Question	Answer	Comment
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	
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	



Environment Testing

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

ANALYTICAL REPORT

PREPARED FOR

Attn: Jared Stoffel
TRC Solutions, Inc.
10 Desta Drive
Suite #130E
Midland, Texas 79705

Generated 4/21/2023 1:38:55 PM

JOB DESCRIPTION

SRO 5 State 506/507
SDG NUMBER Loving, NM

JOB NUMBER

880-27297-1

Eurofins Midland
1211 W. Florida Ave
Midland TX 79701

Eurofins Midland

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.

Analytical test results meet all requirements of the associated regulatory program (i.e., NELAC (TNI), DoD, and ISO 17025) unless otherwise noted under the individual analysis.

Authorization



Generated
4/21/2023 1:38:55 PM

Authorized for release by
Jessica Kramer, Project Manager
Jessica.Kramer@et.eurofinsus.com
(432)704-5440

Client: TRC Solutions, Inc.
Project/Site: SRO 5 State 506/507

Laboratory Job ID: 880-27297-1
SDG: Loving, NM

Table of Contents

Cover Page	1
Table of Contents	3
Definitions/Glossary	4
Case Narrative	5
Client Sample Results	6
Surrogate Summary	9
QC Sample Results	10
QC Association Summary	14
Lab Chronicle	16
Certification Summary	17
Method Summary	18
Sample Summary	19
Chain of Custody	20
Receipt Checklists	21

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

Definitions/Glossary

Client: TRC Solutions, Inc.
Project/Site: SRO 5 State 506/507

Job ID: 880-27297-1
SDG: Loving, NM

Qualifiers

GC VOA

Qualifier	Qualifier Description
S1+	Surrogate recovery exceeds control limits, high biased.
U	Indicates the analyte was analyzed for but not detected.

GC Semi VOA

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
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.
U	Indicates the analyte was analyzed for but not detected.

Glossary

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

Case Narrative

Client: TRC Solutions, Inc.
Project/Site: SRO 5 State 506/507

Job ID: 880-27297-1
SDG: Loving, NM

Job ID: 880-27297-1

Laboratory: Eurofins Midland

Narrative

Job Narrative 880-27297-1

Receipt

The samples were received on 4/18/2023 4:08 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 5.3°C

Receipt Exceptions

The following samples were received and analyzed from an unpreserved bulk soil jar: Dup-11 (880-27297-1), Dup-12 (880-27297-2) and Dup-13 (880-27297-3).

GC VOA

Method 8021B: Surrogate recovery for the following sample was outside control limits: (880-27296-A-1-A MS). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

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

GC Semi VOA

Method 8015MOD_NM: Surrogate recovery for the following sample was outside control limits: (880-27296-A-21-F MS). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8015MOD_NM: The continuing calibration verification (CCV) associated with batch 880-51458 recovered above the upper control limit for Gasoline Range Organics (GRO)-C6-C10. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated samples are impacted: (CCV 880-51458/47) and (CCV 880-51458/58).

Method 8015MOD_NM: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-51466 and analytical batch 880-51458 were outside control limits for one or more analytes, see QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

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

HPLC/IC

Method 300_ORGFM_28D: The matrix spike duplicate (MSD) recoveries for preparation batch 880-51507 and analytical batch 880-51712 were outside control limits. Non-homogeneity is suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.(880-27302-A-2-C) and (880-27302-A-2-E MSD)

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

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: SRO 5 State 506/507

Job ID: 880-27297-1
SDG: Loving, NM

Client Sample ID: Dup-11

Lab Sample ID: 880-27297-1

Date Collected: 04/17/23 00:00

Matrix: Solid

Date Received: 04/18/23 16:08

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199	mg/Kg		04/18/23 16:20	04/19/23 17:25	1
Toluene	<0.00199	U	0.00199	mg/Kg		04/18/23 16:20	04/19/23 17:25	1
Ethylbenzene	<0.00199	U	0.00199	mg/Kg		04/18/23 16:20	04/19/23 17:25	1
m-Xylene & p-Xylene	<0.00398	U	0.00398	mg/Kg		04/18/23 16:20	04/19/23 17:25	1
o-Xylene	<0.00199	U	0.00199	mg/Kg		04/18/23 16:20	04/19/23 17:25	1
Xylenes, Total	<0.00398	U	0.00398	mg/Kg		04/18/23 16:20	04/19/23 17:25	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	105		70 - 130	04/18/23 16:20	04/19/23 17:25	1
1,4-Difluorobenzene (Surr)	102		70 - 130	04/18/23 16:20	04/19/23 17:25	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398	mg/Kg			04/20/23 09:56	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9	mg/Kg			04/20/23 11:30	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9	mg/Kg		04/19/23 09:07	04/19/23 18:38	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9	mg/Kg		04/19/23 09:07	04/19/23 18:38	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg		04/19/23 09:07	04/19/23 18:38	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	110		70 - 130	04/19/23 09:07	04/19/23 18:38	1
o-Terphenyl	116		70 - 130	04/19/23 09:07	04/19/23 18:38	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2690		50.4	mg/Kg			04/21/23 11:01	10

Client Sample ID: Dup-12

Lab Sample ID: 880-27297-2

Date Collected: 04/17/23 00:00

Matrix: Solid

Date Received: 04/18/23 16:08

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199	mg/Kg		04/18/23 16:20	04/19/23 17:45	1
Toluene	<0.00199	U	0.00199	mg/Kg		04/18/23 16:20	04/19/23 17:45	1
Ethylbenzene	<0.00199	U	0.00199	mg/Kg		04/18/23 16:20	04/19/23 17:45	1
m-Xylene & p-Xylene	<0.00398	U	0.00398	mg/Kg		04/18/23 16:20	04/19/23 17:45	1
o-Xylene	<0.00199	U	0.00199	mg/Kg		04/18/23 16:20	04/19/23 17:45	1
Xylenes, Total	<0.00398	U	0.00398	mg/Kg		04/18/23 16:20	04/19/23 17:45	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	111		70 - 130	04/18/23 16:20	04/19/23 17:45	1
1,4-Difluorobenzene (Surr)	104		70 - 130	04/18/23 16:20	04/19/23 17:45	1

Eurofins Midland

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: SRO 5 State 506/507

Job ID: 880-27297-1
SDG: Loving, NM

Client Sample ID: Dup-12

Lab Sample ID: 880-27297-2

Date Collected: 04/17/23 00:00

Matrix: Solid

Date Received: 04/18/23 16:08

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398	mg/Kg			04/20/23 09:56	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8	mg/Kg			04/20/23 11:30	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8	mg/Kg		04/19/23 09:07	04/19/23 18:59	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8	mg/Kg		04/19/23 09:07	04/19/23 18:59	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8	mg/Kg		04/19/23 09:07	04/19/23 18:59	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	114		70 - 130			04/19/23 09:07	04/19/23 18:59	1
o-Terphenyl	113		70 - 130			04/19/23 09:07	04/19/23 18:59	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2950		49.9	mg/Kg			04/21/23 11:05	10

Client Sample ID: Dup-13

Lab Sample ID: 880-27297-3

Date Collected: 04/17/23 00:00

Matrix: Solid

Date Received: 04/18/23 16:08

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		04/18/23 16:20	04/19/23 18:06	1
Toluene	<0.00200	U	0.00200	mg/Kg		04/18/23 16:20	04/19/23 18:06	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		04/18/23 16:20	04/19/23 18:06	1
m-Xylene & p-Xylene	<0.00399	U	0.00399	mg/Kg		04/18/23 16:20	04/19/23 18:06	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		04/18/23 16:20	04/19/23 18:06	1
Xylenes, Total	<0.00399	U	0.00399	mg/Kg		04/18/23 16:20	04/19/23 18:06	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	113		70 - 130			04/18/23 16:20	04/19/23 18:06	1
1,4-Difluorobenzene (Surr)	107		70 - 130			04/18/23 16:20	04/19/23 18:06	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399	mg/Kg			04/20/23 09:56	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9	mg/Kg			04/20/23 11:30	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9	mg/Kg		04/19/23 09:07	04/19/23 19:22	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9	mg/Kg		04/19/23 09:07	04/19/23 19:22	1

Eurofins Midland

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: SRO 5 State 506/507

Job ID: 880-27297-1
SDG: Loving, NM

Client Sample ID: Dup-13
Date Collected: 04/17/23 00:00
Date Received: 04/18/23 16:08

Lab Sample ID: 880-27297-3
Matrix: Solid

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)									
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac	
Oil Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg		04/19/23 09:07	04/19/23 19:22	1	
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac	
1-Chlorooctane	108		70 - 130			04/19/23 09:07	04/19/23 19:22	1	
o-Terphenyl	113		70 - 130			04/19/23 09:07	04/19/23 19:22	1	

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble									
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac	
Chloride	242		4.96	mg/Kg			04/21/23 11:10	1	

Surrogate Summary

Client: TRC Solutions, Inc.
Project/Site: SRO 5 State 506/507

Job ID: 880-27297-1
SDG: Loving, NM

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	BFB1 (70-130)	DFBZ1 (70-130)
880-27296-A-1-A MS	Matrix Spike	131 S1+	116
880-27296-A-1-B MSD	Matrix Spike Duplicate	111	110
880-27297-1	Dup-11	105	102
880-27297-2	Dup-12	111	104
880-27297-3	Dup-13	113	107
LCS 880-51431/1-A	Lab Control Sample	104	109
LCSD 880-51431/2-A	Lab Control Sample Dup	94	123
MB 880-51431/5-A	Method Blank	93	100
Surrogate Legend			
BFB = 4-Bromofluorobenzene (Surr)			
DFBZ = 1,4-Difluorobenzene (Surr)			

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

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	1CO1 (70-130)	OTPH1 (70-130)
880-27296-A-21-F MS	Matrix Spike	75	68 S1-
880-27296-A-21-G MSD	Matrix Spike Duplicate	81	74
880-27297-1	Dup-11	110	116
880-27297-2	Dup-12	114	113
880-27297-3	Dup-13	108	113
LCS 880-51466/2-A	Lab Control Sample	89	86
LCSD 880-51466/3-A	Lab Control Sample Dup	91	88
MB 880-51466/1-A	Method Blank	72	89
Surrogate Legend			
1CO = 1-Chlorooctane			
OTPH = o-Terphenyl			

QC Sample Results

Client: TRC Solutions, Inc.
Project/Site: SRO 5 State 506/507

Job ID: 880-27297-1
SDG: Loving, NM

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-51431/5-A

Matrix: Solid

Analysis Batch: 51465

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 51431

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		04/18/23 16:20	04/19/23 12:02	1
Toluene	<0.00200	U	0.00200	mg/Kg		04/18/23 16:20	04/19/23 12:02	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		04/18/23 16:20	04/19/23 12:02	1
m-Xylene & p-Xylene	<0.00400	U	0.00400	mg/Kg		04/18/23 16:20	04/19/23 12:02	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		04/18/23 16:20	04/19/23 12:02	1
Xylenes, Total	<0.00400	U	0.00400	mg/Kg		04/18/23 16:20	04/19/23 12:02	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	93		70 - 130	04/18/23 16:20	04/19/23 12:02	1
1,4-Difluorobenzene (Surr)	100		70 - 130	04/18/23 16:20	04/19/23 12:02	1

Lab Sample ID: LCS 880-51431/1-A

Matrix: Solid

Analysis Batch: 51465

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 51431

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.09214		mg/Kg		92	70 - 130
Toluene	0.100	0.09314		mg/Kg		93	70 - 130
Ethylbenzene	0.100	0.09026		mg/Kg		90	70 - 130
m-Xylene & p-Xylene	0.200	0.1798		mg/Kg		90	70 - 130
o-Xylene	0.100	0.09190		mg/Kg		92	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	104		70 - 130
1,4-Difluorobenzene (Surr)	109		70 - 130

Lab Sample ID: LCSD 880-51431/2-A

Matrix: Solid

Analysis Batch: 51465

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 51431

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.1007		mg/Kg		101	70 - 130	9	35
Toluene	0.100	0.09912		mg/Kg		99	70 - 130	6	35
Ethylbenzene	0.100	0.08831		mg/Kg		88	70 - 130	2	35
m-Xylene & p-Xylene	0.200	0.1741		mg/Kg		87	70 - 130	3	35
o-Xylene	0.100	0.08990		mg/Kg		90	70 - 130	2	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	94		70 - 130
1,4-Difluorobenzene (Surr)	123		70 - 130

Lab Sample ID: 880-27296-A-1-A MS

Matrix: Solid

Analysis Batch: 51465

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 51431

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00200	U	0.0998	0.09731		mg/Kg		98	70 - 130
Toluene	<0.00200	U	0.0998	0.09012		mg/Kg		90	70 - 130

Eurofins Midland

QC Sample Results

Client: TRC Solutions, Inc.
Project/Site: SRO 5 State 506/507

Job ID: 880-27297-1
SDG: Loving, NM

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: 880-27296-A-1-A MS

Matrix: Solid

Analysis Batch: 51465

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 51431

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Ethylbenzene	<0.00200	U	0.0998	0.09119		mg/Kg		91	70 - 130
m-Xylene & p-Xylene	<0.00399	U	0.200	0.2040		mg/Kg		102	70 - 130
o-Xylene	<0.00200	U	0.0998	0.08603		mg/Kg		86	70 - 130

Surrogate	MS %Recovery	MS Qualifier	MS Limits
4-Bromofluorobenzene (Surr)	131	S1+	70 - 130
1,4-Difluorobenzene (Surr)	116		70 - 130

Lab Sample ID: 880-27296-A-1-B MSD

Matrix: Solid

Analysis Batch: 51465

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 51431

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00200	U	0.100	0.08806		mg/Kg		88	70 - 130	10	35
Toluene	<0.00200	U	0.100	0.08271		mg/Kg		82	70 - 130	9	35
Ethylbenzene	<0.00200	U	0.100	0.07577		mg/Kg		75	70 - 130	18	35
m-Xylene & p-Xylene	<0.00399	U	0.201	0.1521		mg/Kg		76	70 - 130	29	35
o-Xylene	<0.00200	U	0.100	0.07740		mg/Kg		77	70 - 130	11	35

Surrogate	MSD %Recovery	MSD Qualifier	MSD Limits
4-Bromofluorobenzene (Surr)	111		70 - 130
1,4-Difluorobenzene (Surr)	110		70 - 130

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

Lab Sample ID: MB 880-51466/1-A

Matrix: Solid

Analysis Batch: 51458

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 51466

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0	mg/Kg		04/19/23 08:27	04/19/23 08:49	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		04/19/23 08:27	04/19/23 08:49	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		04/19/23 08:27	04/19/23 08:49	1

Surrogate	MB %Recovery	MB Qualifier	MB Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	72		70 - 130	04/19/23 08:27	04/19/23 08:49	1
o-Terphenyl	89		70 - 130	04/19/23 08:27	04/19/23 08:49	1

Lab Sample ID: LCS 880-51466/2-A

Matrix: Solid

Analysis Batch: 51458

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 51466

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	874.7		mg/Kg		87	70 - 130
Diesel Range Organics (Over C10-C28)	1000	948.0		mg/Kg		95	70 - 130

Eurofins Midland

QC Sample Results

Client: TRC Solutions, Inc.
Project/Site: SRO 5 State 506/507

Job ID: 880-27297-1
SDG: Loving, NM

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

Lab Sample ID: LCS 880-51466/2-A
Matrix: Solid
Analysis Batch: 51458

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 51466

	LCS	LCS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	89		70 - 130
o-Terphenyl	86		70 - 130

Lab Sample ID: LCSD 880-51466/3-A
Matrix: Solid
Analysis Batch: 51458

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 51466

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	866.2		mg/Kg		87	70 - 130	1	20
Diesel Range Organics (Over C10-C28)	1000	929.7		mg/Kg		93	70 - 130	2	20

	LCSD	LCSD	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	91		70 - 130
o-Terphenyl	88		70 - 130

Lab Sample ID: 880-27296-A-21-F MS
Matrix: Solid
Analysis Batch: 51458

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 51466

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	997	828.4		mg/Kg		82	70 - 130
Diesel Range Organics (Over C10-C28)	<49.9	U F1	997	621.6	F1	mg/Kg		62	70 - 130

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	75		70 - 130
o-Terphenyl	68	S1-	70 - 130

Lab Sample ID: 880-27296-A-21-G MSD
Matrix: Solid
Analysis Batch: 51458

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 51466

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	999	944.8		mg/Kg		93	70 - 130	13	20
Diesel Range Organics (Over C10-C28)	<49.9	U F1	999	681.2	F1	mg/Kg		68	70 - 130	9	20

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	81		70 - 130
o-Terphenyl	74		70 - 130

Eurofins Midland

QC Sample Results

Client: TRC Solutions, Inc.
Project/Site: SRO 5 State 506/507

Job ID: 880-27297-1
SDG: Loving, NM

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-51507/1-A

Matrix: Solid

Analysis Batch: 51712

Client Sample ID: Method Blank

Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00	mg/Kg			04/21/23 10:02	1

Lab Sample ID: LCS 880-51507/2-A

Matrix: Solid

Analysis Batch: 51712

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	250.4		mg/Kg		100	90 - 110

Lab Sample ID: LCSD 880-51507/3-A

Matrix: Solid

Analysis Batch: 51712

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	250	246.4		mg/Kg		99	90 - 110	2	20

Lab Sample ID: 880-27275-A-21-B MS

Matrix: Solid

Analysis Batch: 51712

Client Sample ID: Matrix Spike

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	16400		12500	28910		mg/Kg		100	90 - 110

Lab Sample ID: 880-27275-A-21-C MSD

Matrix: Solid

Analysis Batch: 51712

Client Sample ID: Matrix Spike Duplicate

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	16400		12500	28700		mg/Kg		98	90 - 110	1	20

Lab Sample ID: 880-27302-A-2-D MS

Matrix: Solid

Analysis Batch: 51712

Client Sample ID: Matrix Spike

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	123	F1	251	351.6		mg/Kg		91	90 - 110

Lab Sample ID: 880-27302-A-2-E MSD

Matrix: Solid

Analysis Batch: 51712

Client Sample ID: Matrix Spike Duplicate

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	123	F1	251	347.1	F1	mg/Kg		89	90 - 110	1	20

Eurofins Midland

QC Association Summary

Client: TRC Solutions, Inc.
Project/Site: SRO 5 State 506/507

Job ID: 880-27297-1
SDG: Loving, NM

GC VOA

Prep Batch: 51431

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-27297-1	Dup-11	Total/NA	Solid	5035	
880-27297-2	Dup-12	Total/NA	Solid	5035	
880-27297-3	Dup-13	Total/NA	Solid	5035	
MB 880-51431/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-51431/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-51431/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-27296-A-1-A MS	Matrix Spike	Total/NA	Solid	5035	
880-27296-A-1-B MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Analysis Batch: 51465

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-27297-1	Dup-11	Total/NA	Solid	8021B	51431
880-27297-2	Dup-12	Total/NA	Solid	8021B	51431
880-27297-3	Dup-13	Total/NA	Solid	8021B	51431
MB 880-51431/5-A	Method Blank	Total/NA	Solid	8021B	51431
LCS 880-51431/1-A	Lab Control Sample	Total/NA	Solid	8021B	51431
LCSD 880-51431/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	51431
880-27296-A-1-A MS	Matrix Spike	Total/NA	Solid	8021B	51431
880-27296-A-1-B MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	51431

Analysis Batch: 51597

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-27297-1	Dup-11	Total/NA	Solid	Total BTEX	
880-27297-2	Dup-12	Total/NA	Solid	Total BTEX	
880-27297-3	Dup-13	Total/NA	Solid	Total BTEX	

GC Semi VOA

Analysis Batch: 51458

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-27297-1	Dup-11	Total/NA	Solid	8015B NM	51466
880-27297-2	Dup-12	Total/NA	Solid	8015B NM	51466
880-27297-3	Dup-13	Total/NA	Solid	8015B NM	51466
MB 880-51466/1-A	Method Blank	Total/NA	Solid	8015B NM	51466
LCS 880-51466/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	51466
LCSD 880-51466/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	51466
880-27296-A-21-F MS	Matrix Spike	Total/NA	Solid	8015B NM	51466
880-27296-A-21-G MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	51466

Prep Batch: 51466

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-27297-1	Dup-11	Total/NA	Solid	8015NM Prep	
880-27297-2	Dup-12	Total/NA	Solid	8015NM Prep	
880-27297-3	Dup-13	Total/NA	Solid	8015NM Prep	
MB 880-51466/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-51466/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-51466/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-27296-A-21-F MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
880-27296-A-21-G MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Eurofins Midland

QC Association Summary

Client: TRC Solutions, Inc.
Project/Site: SRO 5 State 506/507

Job ID: 880-27297-1
SDG: Loving, NM

GC Semi VOA

Analysis Batch: 51610

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-27297-1	Dup-11	Total/NA	Solid	8015 NM	
880-27297-2	Dup-12	Total/NA	Solid	8015 NM	
880-27297-3	Dup-13	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 51507

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-27297-1	Dup-11	Soluble	Solid	DI Leach	
880-27297-2	Dup-12	Soluble	Solid	DI Leach	
880-27297-3	Dup-13	Soluble	Solid	DI Leach	
MB 880-51507/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-51507/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-51507/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-27275-A-21-B MS	Matrix Spike	Soluble	Solid	DI Leach	
880-27275-A-21-C MSD	Matrix Spike Duplicate	Soluble	Solid	DI Leach	
880-27302-A-2-D MS	Matrix Spike	Soluble	Solid	DI Leach	
880-27302-A-2-E MSD	Matrix Spike Duplicate	Soluble	Solid	DI Leach	

Analysis Batch: 51712

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-27297-1	Dup-11	Soluble	Solid	300.0	51507
880-27297-2	Dup-12	Soluble	Solid	300.0	51507
880-27297-3	Dup-13	Soluble	Solid	300.0	51507
MB 880-51507/1-A	Method Blank	Soluble	Solid	300.0	51507
LCS 880-51507/2-A	Lab Control Sample	Soluble	Solid	300.0	51507
LCSD 880-51507/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	51507
880-27275-A-21-B MS	Matrix Spike	Soluble	Solid	300.0	51507
880-27275-A-21-C MSD	Matrix Spike Duplicate	Soluble	Solid	300.0	51507
880-27302-A-2-D MS	Matrix Spike	Soluble	Solid	300.0	51507
880-27302-A-2-E MSD	Matrix Spike Duplicate	Soluble	Solid	300.0	51507

Lab Chronicle

Client: TRC Solutions, Inc.
Project/Site: SRO 5 State 506/507

Job ID: 880-27297-1
SDG: Loving, NM

Client Sample ID: Dup-11

Lab Sample ID: 880-27297-1

Date Collected: 04/17/23 00:00

Matrix: Solid

Date Received: 04/18/23 16:08

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 mL	51431	04/18/23 16:20	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	51465	04/19/23 17:25	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			51597	04/20/23 09:56	SM	EET MID
Total/NA	Analysis	8015 NM		1			51610	04/20/23 11:30	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	51466	04/19/23 09:07	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	51458	04/19/23 18:38	SM	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	51507	04/19/23 12:33	KS	EET MID
Soluble	Analysis	300.0		10	50 mL	50 mL	51712	04/21/23 11:01	SMC	EET MID

Client Sample ID: Dup-12

Lab Sample ID: 880-27297-2

Date Collected: 04/17/23 00:00

Matrix: Solid

Date Received: 04/18/23 16:08

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	51431	04/18/23 16:20	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	51465	04/19/23 17:45	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			51597	04/20/23 09:56	SM	EET MID
Total/NA	Analysis	8015 NM		1			51610	04/20/23 11:30	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	51466	04/19/23 09:07	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	51458	04/19/23 18:59	SM	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	51507	04/19/23 12:33	KS	EET MID
Soluble	Analysis	300.0		10	50 mL	50 mL	51712	04/21/23 11:05	SMC	EET MID

Client Sample ID: Dup-13

Lab Sample ID: 880-27297-3

Date Collected: 04/17/23 00:00

Matrix: Solid

Date Received: 04/18/23 16:08

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 mL	51431	04/18/23 16:20	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	51465	04/19/23 18:06	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			51597	04/20/23 09:56	SM	EET MID
Total/NA	Analysis	8015 NM		1			51610	04/20/23 11:30	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	51466	04/19/23 09:07	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	51458	04/19/23 19:22	SM	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	51507	04/19/23 12:33	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	51712	04/21/23 11:10	SMC	EET MID

Laboratory References:

EET MID = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

Eurofins Midland

Accreditation/Certification Summary

Client: TRC Solutions, Inc.
Project/Site: SRO 5 State 506/507

Job ID: 880-27297-1
SDG: Loving, NM

Laboratory: Eurofins Midland

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

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704400-22-25	06-30-23

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
8015 NM		Solid	Total TPH
Total BTEX		Solid	Total BTEX

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

Method Summary

Client: TRC Solutions, Inc.
Project/Site: SRO 5 State 506/507

Job ID: 880-27297-1
SDG: Loving, NM

Method	Method Description	Protocol	Laboratory
8021B	Volatile Organic Compounds (GC)	SW846	EET MID
Total BTEX	Total BTEX Calculation	TAL SOP	EET MID
8015 NM	Diesel Range Organics (DRO) (GC)	SW846	EET MID
8015B NM	Diesel Range Organics (DRO) (GC)	SW846	EET MID
300.0	Anions, Ion Chromatography	EPA	EET MID
5035	Closed System Purge and Trap	SW846	EET MID
8015NM Prep	Microextraction	SW846	EET MID
DI Leach	Deionized Water Leaching Procedure	ASTM	EET MID

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.

TAL SOP = TestAmerica Laboratories, Standard Operating Procedure

Laboratory References:

EET MID = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

Sample Summary

Client: TRC Solutions, Inc.
Project/Site: SRO 5 State 506/507

Job ID: 880-27297-1
SDG: Loving, NM

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
880-27297-1	Dup-11	Solid	04/17/23 00:00	04/18/23 16:08
880-27297-2	Dup-12	Solid	04/17/23 00:00	04/18/23 16:08
880-27297-3	Dup-13	Solid	04/17/23 00:00	04/18/23 16:08

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

Chain of Custody

Houston, TX (281) 240-4200, Dallas TX (214) 902-0300
Midland, TX (432) 704-5440, San Antonio, TX (210) 509-3334
EL Paso TX (915) 585-3443 Lubbock, TX (806) 794-1296
Hobbs, NM (575) 392 7550, Carlsbad, NM (575) 988-3199



Environment Testing
Xenco

Work Order No: 272917

www.xenco.com Page 1 of 1

Project Manager: Jarea Stoppel		Bill to: (if different)	
Company Name: TRS		Company Name:	
Address: 10 DASH 25-51R 1306		Address:	
City, State ZIP: Midland, TX 79705		City, State ZIP:	
Phone: 432-2353003		Email: Jarea.Mish@Xenco.com	

Project Name: 200.7 STEAR 94/507		Turn Around	
Project Number: 150169		☐ Routine ☒ Rush 24h	
Project Location: Loving, NM		Due Date:	
Sampler's Name: M. J. Bryant		TAT starts the day received by the lab, if received by 4:30pm	
PO #			

SAMPLE RECEIPT				Parameters		ANALYSIS REQUEST		Preservative Codes	
Temp Blank:	Yes	No	Wet Ice:	Yes	No				
Samples Received Intact:	Yes	No	Thermometer ID:	18-8				None	DI Water H ₂ O
Cooler Custody Seals:	Yes	No	Correction Factor:	-0.3				Cool	Cool Me
Sample Custody Seals:	Yes	No	Temperature Reading:	5.8				HCL	HCL HC
Total Containers:			Corrected Temperature:	5.5				H ₂ SO ₄	H ₂ SO ₄ H ₂
								H ₃ PO ₄	HP
								NaHSO ₄	NABIS
								Na ₂ S ₂ O ₃	NaSO ₃
								Zn Acetate	NaOH Zn
								NaOH	Ascorbic Acid SABC

Total 200.7 / 6010 200.8 / 6020: 8RCRA 13PPM Texas 11 Al Sb As Ba Be B Cd Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO ₂ Na Sr Ti Sn U V Zn	
Circle Method(s) and Metal(s) to be analyzed	TCLP / SPLP 6010 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Ti U Hg 1631 / 2451 / 7470 / 7471

Notice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Eurofins Xenco, its affiliates and subcontractors. It assigns standard terms and conditions of service. Eurofins Xenco will be liable only for the cost of samples and shall not assume any responsibility for any losses or expenses incurred by the client if such losses are due to circumstances beyond the control of Eurofins Xenco. A minimum charge of \$85.00 will be applied to each project and a charge of \$5 for each sample submitted to Eurofins Xenco, but not analyzed. These terms will be enforced unless previously negotiated.

Relinquished by (Signature)	Received by (Signature)	Date/Time	Relinquished by (Signature)	Received by (Signature)	Date/Time
1. [Signature]	[Signature]	9-14-23 11:45 AM			
3. [Signature]		1602			
5. [Signature]					

Revised Date: 08/25/2020 Rev. 2020.2

Login Sample Receipt Checklist

Client: TRC Solutions, Inc.

Job Number: 880-27297-1

SDG Number: Loving, NM

Login Number: 27297

List Number: 1

Creator: Rodriguez, Leticia

List Source: Eurofins Midland

Question	Answer	Comment
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	
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	



Environment Testing

1

2

3

4

5

6

7

8

9

10

11

12

13

ANALYTICAL REPORT

PREPARED FOR

Attn: Jared Stoffel
TRC Solutions, Inc.
10 Desta Drive
Suite #130E
Midland, Texas 79705

Generated 6/29/2023 5:18:27 PM

JOB DESCRIPTION

SRO 5 State 506/507
SDG NUMBER Carlsbad NM

JOB NUMBER

890-4834-1

Eurofins Carlsbad
1089 N Canal St.
Carlsbad NM 88220

Eurofins Carlsbad

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.

Analytical test results meet all requirements of the associated regulatory program (i.e., NELAC (TNI), DoD, and ISO 17025) unless otherwise noted under the individual analysis.

Authorization



Generated
6/29/2023 5:18:27 PM

Authorized for release by
Jessica Kramer, Project Manager
Jessica.Kramer@et.eurofinsus.com
(432)704-5440

Client: TRC Solutions, Inc.
Project/Site: SRO 5 State 506/507

Laboratory Job ID: 890-4834-1
SDG: Carlsbad NM

Table of Contents

Cover Page	1
Table of Contents	3
Definitions/Glossary	4
Case Narrative	5
Client Sample Results	6
QC Sample Results	10
QC Association Summary	15
Lab Chronicle	18
Certification Summary	20
Method Summary	21
Sample Summary	22
Chain of Custody	23
Receipt Checklists	24

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

Definitions/Glossary

Client: TRC Solutions, Inc.
Project/Site: SRO 5 State 506/507

Job ID: 890-4834-1
SDG: Carlsbad NM

Qualifiers

HPLC/IC

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

Metals

Qualifier	Qualifier Description
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.
E	Result exceeded calibration range.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
U	Indicates the analyte was analyzed for but not detected.

General Chemistry

Qualifier	Qualifier Description
HF	Field parameter with a holding time of 15 minutes. Test performed by laboratory at client's request.
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

Case Narrative

Client: TRC Solutions, Inc.
Project/Site: SRO 5 State 506/507

Job ID: 890-4834-1
SDG: Carlsbad NM

Job ID: 890-4834-1

Laboratory: Eurofins Carlsbad

Narrative

Job Narrative
890-4834-1

Receipt

The samples were received on 6/19/2023 11:25 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 22.2°C

HPLC/IC

Method 300_ORGFM_28D: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for analytical batch 860-108937 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/laboratory control sample duplicate (LCS/LCSD) recovery is within acceptance limits.

Method 300_ORGFM_28D: The instrument blank/CCB for analytical batch 860-108937 contained Chloride greater than the method detection limit (MDL), and were not reanalyzed because associated sample(s) results were greater than 10X the value found in the instrument blank/CCB. The data have been qualified and reported.

Method 300_ORGFM_28D: The following samples were diluted to bring the concentration of target analytes within the calibration range: MW-1 (890-4834-1), MW-2 (890-4834-2), MW-3 (890-4834-3) and DUP-01 (890-4834-4). Elevated reporting limits (RLs) are provided.

Method 300_ORGFMS: The following samples were received outside of holding time: MW-1 (890-4834-1), MW-2 (890-4834-2), MW-3 (890-4834-3) and DUP-01 (890-4834-4).

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

Metals

Method 200.7: Due to the high concentration of Sodium, the matrix spike / matrix spike duplicate (MS/MSD) for preparation batch 860-109768 and analytical batch 860-109945 could not be evaluated for accuracy and precision. The associated laboratory control sample / laboratory control sample duplicate (LCS/LCSD) met acceptance criteria.

Method 200.7: Due to the high concentration of Calcium, Magnesium and Sodium, the matrix spike (MS) for preparation batch 860-109768 and analytical batch 860-109945 could not be evaluated for accuracy. The associated laboratory control sample (LCS) met acceptance criteria.

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

General Chemistry

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

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: SRO 5 State 506/507

Job ID: 890-4834-1
SDG: Carlsbad NM

Client Sample ID: MW-1

Lab Sample ID: 890-4834-1

Date Collected: 06/19/23 08:48

Matrix: Water

Date Received: 06/19/23 11:25

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate as N	<0.100	U H	0.100	mg/L			06/21/23 23:21	1
Fluoride	<0.500	U	0.500	mg/L			06/21/23 23:21	1
Nitrite as N	<0.100	U H	0.100	mg/L			06/21/23 23:21	1

Method: EPA 300.0 - Anions, Ion Chromatography - DL

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2470		5.00	mg/L			06/21/23 23:30	10
Sulfate	3630		5.00	mg/L			06/21/23 23:30	10

Method: EPA 200.7 Rev 4.4 - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Calcium	730		10.0	mg/L		06/27/23 11:00	06/27/23 16:45	50
Magnesium	515		10.0	mg/L		06/27/23 11:00	06/27/23 16:45	50
Potassium	31.4		0.500	mg/L		06/27/23 11:00	06/27/23 16:34	1
Sodium	1870		25.0	mg/L		06/27/23 11:00	06/27/23 16:45	50
SiO2	21.4		1.07	mg/L		06/27/23 11:00	06/27/23 16:34	1

Method: SM 2340B - Total Hardness (as CaCO3) by calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Hardness as calcium carbonate	3940		0.100	mg/L			06/28/23 10:51	1
Calcium hardness as calcium carbonate	1820		0.100	mg/L			06/28/23 10:51	1
Magnesium hardness as calcium carbonate	2120		0.100	mg/L			06/28/23 10:51	1

General Chemistry

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Difference (SM 1030E)	2.97			%			06/23/23 08:37	1
Alkalinity (SM 2320B)	285		4.00	mg/L			06/22/23 14:02	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B)	285		4.00	mg/L			06/22/23 14:02	1
Carbonate Alkalinity as CaCO3 (SM 2320B)	<4.00	U	4.00	mg/L			06/22/23 14:02	1
Hydroxide Alkalinity (SM 2320B)	<4.00	U	4.00	mg/L			06/22/23 14:02	1
Phenolphthalein Alkalinity (SM 2320B)	<4.00	U	4.00	mg/L			06/22/23 14:02	1
Total Dissolved Solids (SM 2540C)	11300		100	mg/L			06/22/23 10:56	1
pH (SM 4500 H+ B)	7.2	HF		SU			06/21/23 14:00	1
Temperature (SM 4500 H+ B)	19.7	HF		Degrees C			06/21/23 14:00	1

Client Sample ID: MW-2

Lab Sample ID: 890-4834-2

Date Collected: 06/19/23 09:28

Matrix: Water

Date Received: 06/19/23 11:25

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate as N	1.25	H	0.100	mg/L			06/21/23 23:39	1
Fluoride	0.587		0.500	mg/L			06/21/23 23:39	1
Nitrite as N	0.190	H	0.100	mg/L			06/21/23 23:39	1

Method: EPA 300.0 - Anions, Ion Chromatography - DL

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1010		5.00	mg/L			06/21/23 23:48	10

Eurofins Carlsbad

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: SRO 5 State 506/507

Job ID: 890-4834-1
SDG: Carlsbad NM

Client Sample ID: MW-2

Lab Sample ID: 890-4834-2

Date Collected: 06/19/23 09:28

Matrix: Water

Date Received: 06/19/23 11:25

Method: EPA 300.0 - Anions, Ion Chromatography - DL (Continued)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	2900		5.00	mg/L			06/21/23 23:48	10

Method: EPA 200.7 Rev 4.4 - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Calcium	560		10.0	mg/L		06/27/23 11:00	06/27/23 17:06	50
Magnesium	318		10.0	mg/L		06/27/23 11:00	06/27/23 17:06	50
Potassium	15.6		0.500	mg/L		06/27/23 11:00	06/27/23 16:55	1
Sodium	975		25.0	mg/L		06/27/23 11:00	06/27/23 17:06	50
SiO2	27.4		1.07	mg/L		06/27/23 11:00	06/27/23 16:55	1

Method: SM 2340B - Total Hardness (as CaCO3) by calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Hardness as calcium carbonate	2710		0.100	mg/L			06/28/23 10:51	1
Calcium hardness as calcium carbonate	1400		0.100	mg/L			06/28/23 10:51	1
Magnesium hardness as calcium carbonate	1310		0.100	mg/L			06/28/23 10:51	1

General Chemistry

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Difference (SM 1030E)	1.19			%			06/23/23 08:37	1
Alkalinity (SM 2320B)	237		4.00	mg/L			06/22/23 14:26	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B)	237		4.00	mg/L			06/22/23 14:26	1
Carbonate Alkalinity as CaCO3 (SM 2320B)	<4.00	U	4.00	mg/L			06/22/23 14:26	1
Hydroxide Alkalinity (SM 2320B)	<4.00	U	4.00	mg/L			06/22/23 14:26	1
Phenolphthalein Alkalinity (SM 2320B)	<4.00	U	4.00	mg/L			06/22/23 14:26	1
Total Dissolved Solids (SM 2540C)	6230		40.0	mg/L			06/22/23 10:56	1
pH (SM 4500 H+ B)	7.3	HF		SU			06/21/23 14:01	1
Temperature (SM 4500 H+ B)	19.9	HF		Degrees C			06/21/23 14:01	1

Client Sample ID: MW-3

Lab Sample ID: 890-4834-3

Date Collected: 06/19/23 10:02

Matrix: Water

Date Received: 06/19/23 11:25

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	233		0.500	mg/L			06/21/23 23:58	1
Nitrate as N	0.834	H	0.100	mg/L			06/21/23 23:58	1
Fluoride	<0.500	U	0.500	mg/L			06/21/23 23:58	1
Nitrite as N	<0.100	U H	0.100	mg/L			06/21/23 23:58	1

Method: EPA 300.0 - Anions, Ion Chromatography - DL

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	1680		5.00	mg/L			06/22/23 00:07	10

Method: EPA 200.7 Rev 4.4 - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Calcium	635		10.0	mg/L		06/27/23 11:00	06/27/23 17:10	50
Magnesium	106		10.0	mg/L		06/27/23 11:00	06/27/23 17:10	50
Potassium	13.6		0.500	mg/L		06/27/23 11:00	06/27/23 16:59	1

Eurofins Carlsbad

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: SRO 5 State 506/507

Job ID: 890-4834-1
SDG: Carlsbad NM

Client Sample ID: MW-3

Lab Sample ID: 890-4834-3

Date Collected: 06/19/23 10:02

Matrix: Water

Date Received: 06/19/23 11:25

Method: EPA 200.7 Rev 4.4 - Metals (ICP) - Dissolved (Continued)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Sodium	231		25.0	mg/L		06/27/23 11:00	06/27/23 17:10	50
SiO2	27.2		1.07	mg/L		06/27/23 11:00	06/27/23 16:59	1

Method: SM 2340B - Total Hardness (as CaCO3) by calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Hardness as calcium carbonate	2020		0.100	mg/L			06/28/23 10:51	1
Calcium hardness as calcium carbonate	1590		0.100	mg/L			06/28/23 10:51	1
Magnesium hardness as calcium carbonate	437		0.100	mg/L			06/28/23 10:51	1

General Chemistry

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Difference (SM 1030E)	5.02			%			06/23/23 08:37	1
Alkalinity (SM 2320B)	172		4.00	mg/L			06/22/23 14:33	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B)	172		4.00	mg/L			06/22/23 14:33	1
Carbonate Alkalinity as CaCO3 (SM 2320B)	<4.00	U	4.00	mg/L			06/22/23 14:33	1
Hydroxide Alkalinity (SM 2320B)	<4.00	U	4.00	mg/L			06/22/23 14:33	1
Phenolphthalein Alkalinity (SM 2320B)	<4.00	U	4.00	mg/L			06/22/23 14:33	1
Total Dissolved Solids (SM 2540C)	3390		20.0	mg/L			06/22/23 10:56	1
pH (SM 4500 H+ B)	7.3	HF		SU			06/21/23 14:03	1
Temperature (SM 4500 H+ B)	20.3	HF		Degrees C			06/21/23 14:03	1

Client Sample ID: DUP-01

Lab Sample ID: 890-4834-4

Date Collected: 06/19/23 00:00

Matrix: Water

Date Received: 06/19/23 11:25

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate as N	1.26	H	0.100	mg/L			06/22/23 00:16	1
Fluoride	0.563		0.500	mg/L			06/22/23 00:16	1
Nitrite as N	<0.100	U H	0.100	mg/L			06/22/23 00:16	1

Method: EPA 300.0 - Anions, Ion Chromatography - DL

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	945		5.00	mg/L			06/22/23 00:25	10
Sulfate	2710		5.00	mg/L			06/22/23 00:25	10

Method: EPA 200.7 Rev 4.4 - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Calcium	555		10.0	mg/L		06/27/23 11:00	06/27/23 17:13	50
Magnesium	314		10.0	mg/L		06/27/23 11:00	06/27/23 17:13	50
Potassium	15.6		0.500	mg/L		06/27/23 11:00	06/27/23 17:03	1
Sodium	960		25.0	mg/L		06/27/23 11:00	06/27/23 17:13	50
SiO2	27.4		1.07	mg/L		06/27/23 11:00	06/27/23 17:03	1

Method: SM 2340B - Total Hardness (as CaCO3) by calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Hardness as calcium carbonate	2680		0.100	mg/L			06/28/23 10:51	1

Eurofins Carlsbad

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: SRO 5 State 506/507

Job ID: 890-4834-1
SDG: Carlsbad NM

Client Sample ID: DUP-01
Date Collected: 06/19/23 00:00
Date Received: 06/19/23 11:25

Lab Sample ID: 890-4834-4
Matrix: Water

Method: SM 2340B - Total Hardness (as CaCO3) by calculation (Continued)									
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac	
Calcium hardness as calcium carbonate	1390		0.100	mg/L			06/28/23 10:51	1	
Magnesium hardness as calcium carbonate	1290		0.100	mg/L			06/28/23 10:51	1	
General Chemistry									
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac	
Percent Difference (SM 1030E)	3.68			%			06/23/23 08:37	1	
Alkalinity (SM 2320B)	240		4.00	mg/L			06/22/23 14:41	1	
Bicarbonate Alkalinity as CaCO3 (SM 2320B)	240		4.00	mg/L			06/22/23 14:41	1	
Carbonate Alkalinity as CaCO3 (SM 2320B)	<4.00	U	4.00	mg/L			06/22/23 14:41	1	
Hydroxide Alkalinity (SM 2320B)	<4.00	U	4.00	mg/L			06/22/23 14:41	1	
Phenolphthalein Alkalinity (SM 2320B)	<4.00	U	4.00	mg/L			06/22/23 14:41	1	
Total Dissolved Solids (SM 2540C)	6660		40.0	mg/L			06/22/23 10:56	1	
pH (SM 4500 H+ B)	7.2	HF		SU			06/21/23 14:06	1	
Temperature (SM 4500 H+ B)	20.6	HF		Degrees C			06/21/23 14:06	1	

QC Sample Results

Client: TRC Solutions, Inc.
Project/Site: SRO 5 State 506/507

Job ID: 890-4834-1
SDG: Carlsbad NM

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 860-108937/3

Matrix: Water

Analysis Batch: 108937

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.500	U	0.500	mg/L			06/21/23 14:45	1
Fluoride	<0.500	U	0.500	mg/L			06/21/23 14:45	1
Sulfate	<0.500	U	0.500	mg/L			06/21/23 14:45	1

Lab Sample ID: LCS 860-108937/4

Matrix: Water

Analysis Batch: 108937

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	10.0	9.318		mg/L		93	90 - 110
Fluoride	10.0	9.775		mg/L		98	90 - 110
Sulfate	10.0	9.398		mg/L		94	90 - 110

Lab Sample ID: LCSD 860-108937/5

Matrix: Water

Analysis Batch: 108937

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	10.0	9.419		mg/L		94	90 - 110	1	20
Fluoride	10.0	9.980		mg/L		100	90 - 110	2	20
Sulfate	10.0	9.483		mg/L		95	90 - 110	1	20

Lab Sample ID: LLCS 860-108937/7

Matrix: Water

Analysis Batch: 108937

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	0.500	0.3616	J	mg/L		72	50 - 150
Fluoride	0.500	0.2784	J	mg/L		56	50 - 150
Sulfate	0.500	0.4045	J	mg/L		81	50 - 150

Lab Sample ID: 820-8944-B-1 MS

Matrix: Water

Analysis Batch: 108937

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	47.9		10.0	57.88	4	mg/L		100	90 - 110
Fluoride	<0.500	U	10.0	10.11		mg/L		97	90 - 110
Sulfate	151		10.0	159.9	4	mg/L		84	90 - 110

Lab Sample ID: 820-8944-B-1 MSD

Matrix: Water

Analysis Batch: 108937

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	47.9		10.0	58.05	4	mg/L		102	90 - 110	0	15
Fluoride	<0.500	U	10.0	10.28		mg/L		99	90 - 110	2	15
Sulfate	151		10.0	160.2	4	mg/L		88	90 - 110	0	15

Eurofins Carlsbad

QC Sample Results

Client: TRC Solutions, Inc.
Project/Site: SRO 5 State 506/507

Job ID: 890-4834-1
SDG: Carlsbad NM

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: MB 860-108938/3

Matrix: Water

Analysis Batch: 108938

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate as N	<0.100	U	0.100	mg/L			06/21/23 14:45	1
Nitrite as N	<0.100	U	0.100	mg/L			06/21/23 14:45	1

Lab Sample ID: LCS 860-108938/4

Matrix: Water

Analysis Batch: 108938

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	10.0	9.611		mg/L		96	80 - 120
Nitrite as N	10.0	9.531		mg/L		95	80 - 120

Lab Sample ID: LCSD 860-108938/5

Matrix: Water

Analysis Batch: 108938

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	10.0	9.682		mg/L		97	80 - 120	1	20
Nitrite as N	10.0	9.633		mg/L		96	80 - 120	1	20

Lab Sample ID: LLCS 860-108938/6

Matrix: Water

Analysis Batch: 108938

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
Nitrate as N	0.100	0.07074	J	mg/L		71	50 - 150
Nitrite as N	0.100	0.06117	J	mg/L		61	50 - 150

Lab Sample ID: 820-8944-B-1 MS

Matrix: Water

Analysis Batch: 108938

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Nitrate as N	1.64		10.0	11.54		mg/L		99	80 - 120
Nitrite as N	0.375		2.50	2.412		mg/L		81	80 - 120

Lab Sample ID: 820-8944-B-1 MSD

Matrix: Water

Analysis Batch: 108938

Client Sample ID: Matrix Spike Duplicate

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	1.64		10.0	11.57		mg/L		99	80 - 120	0	15
Nitrite as N	0.375		2.50	2.415		mg/L		82	80 - 120	0	15

Eurofins Carlsbad

QC Sample Results

Client: TRC Solutions, Inc.
Project/Site: SRO 5 State 506/507

Job ID: 890-4834-1
SDG: Carlsbad NM

Method: 200.7 Rev 4.4 - Metals (ICP)

Lab Sample ID: LLCS 860-109768/4-A

Matrix: Water

Analysis Batch: 109945

Client Sample ID: Lab Control Sample

Prep Type: Total Recoverable

Prep Batch: 109768

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec	
							Limits	
Calcium	0.200	0.2050		mg/L		103	50 - 150	
Magnesium	0.200	0.2020		mg/L		101	50 - 150	
Potassium	0.500	0.4200	J	mg/L		84	50 - 150	
Sodium	0.500	0.5090		mg/L		102	50 - 150	
SiO2	1.07	0.9673	J	mg/L		90	50 - 150	

Lab Sample ID: 820-8968-E-1-B MS

Matrix: Water

Analysis Batch: 109945

Client Sample ID: Matrix Spike

Prep Type: Total Recoverable

Prep Batch: 109768

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec	
									Limits	
Calcium	361	E	25.0	384.0	E 4	mg/L		92	70 - 130	
Magnesium	207	E	25.0	232.0	E 4	mg/L		100	70 - 130	
Potassium	52.0		10.0	62.60	4	mg/L		106	70 - 130	
Sodium	1580	E	25.0	1610	E 4	mg/L		120	70 - 130	
SiO2	26.1		21.4	49.01		mg/L		107	70 - 130	

Lab Sample ID: 860-51973-A-1-C MSD

Matrix: Water

Analysis Batch: 109945

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total Recoverable

Prep Batch: 109768

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec		RPD	
									Limits		RPD	Limit
Calcium	38.7		25.0	63.60		mg/L		100	70 - 130		1	20
Magnesium	6.90		25.0	32.10		mg/L		101	70 - 130		0	20
Potassium	3.28		10.0	13.60		mg/L		103	70 - 130		1	20
Sodium	224	E	25.0	247.0	E 4	mg/L		92	70 - 130		1	20
SiO2	29.1		21.4	53.71		mg/L		115	70 - 130		0	20

Lab Sample ID: MB 860-109455/24-C

Matrix: Water

Analysis Batch: 109945

Client Sample ID: Method Blank

Prep Type: Dissolved

Prep Batch: 109768

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Calcium	<0.200	U	0.200	mg/L		06/27/23 11:00	06/27/23 16:23	1
Magnesium	<0.200	U	0.200	mg/L		06/27/23 11:00	06/27/23 16:23	1
Potassium	<0.500	U	0.500	mg/L		06/27/23 11:00	06/27/23 16:23	1
Sodium	<0.500	U	0.500	mg/L		06/27/23 11:00	06/27/23 16:23	1
SiO2	<1.07	U	1.07	mg/L		06/27/23 11:00	06/27/23 16:23	1

Lab Sample ID: LCS 860-109455/25-C

Matrix: Water

Analysis Batch: 109945

Client Sample ID: Lab Control Sample

Prep Type: Dissolved

Prep Batch: 109768

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec	
							Limits	
Calcium	25.0	26.80		mg/L		107	85 - 115	
Magnesium	25.0	26.20		mg/L		105	85 - 115	
Potassium	10.0	10.60		mg/L		106	85 - 115	
Sodium	25.0	26.90		mg/L		108	85 - 115	
SiO2	21.4	22.90		mg/L		107	85 - 115	

Eurofins Carlsbad

QC Sample Results

Client: TRC Solutions, Inc.
Project/Site: SRO 5 State 506/507

Job ID: 890-4834-1
SDG: Carlsbad NM

Method: 200.7 Rev 4.4 - Metals (ICP) (Continued)

Lab Sample ID: LCSD 860-109455/26-C

Matrix: Water

Analysis Batch: 109945

Client Sample ID: Lab Control Sample Dup

Prep Type: Dissolved

Prep Batch: 109768

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec		RPD	Limit
							Limits			
Calcium	25.0	26.70		mg/L		107	85 - 115		0	20
Magnesium	25.0	26.20		mg/L		105	85 - 115		0	20
Potassium	10.0	10.60		mg/L		106	85 - 115		0	20
Sodium	25.0	26.90		mg/L		108	85 - 115		0	20
SiO2	21.4	23.11		mg/L		108	85 - 115		1	20

Method: SM 2320B - Alkalinity

Lab Sample ID: MB 860-109166/3

Matrix: Water

Analysis Batch: 109166

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB MB		RL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier						
Alkalinity	<4.00	U	4.00	mg/L			06/22/23 11:03	1
Bicarbonate Alkalinity as CaCO3	<4.00	U	4.00	mg/L			06/22/23 11:03	1
Carbonate Alkalinity as CaCO3	<4.00	U	4.00	mg/L			06/22/23 11:03	1
Hydroxide Alkalinity	<4.00	U	4.00	mg/L			06/22/23 11:03	1
Phenolphthalein Alkalinity	<4.00	U	4.00	mg/L			06/22/23 11:03	1

Lab Sample ID: LCS 860-109166/4

Matrix: Water

Analysis Batch: 109166

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec	
							Limits	
Alkalinity	250	246.2		mg/L		98	85 - 115	

Lab Sample ID: LCSD 860-109166/5

Matrix: Water

Analysis Batch: 109166

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec		RPD	Limit
							Limits			
Alkalinity	250	247.3		mg/L		99	85 - 115		0	20

Lab Sample ID: 880-29589-Q-2 DU

Matrix: Water

Analysis Batch: 109166

Client Sample ID: Duplicate

Prep Type: Total/NA

Analyte	Sample Sample		DU DU	Unit	D	RPD	Limit
	Result	Qualifier	Result				
Alkalinity	216		220.5	mg/L		2	20
Bicarbonate Alkalinity as CaCO3	216		220.5	mg/L		2	20
Carbonate Alkalinity as CaCO3	<4.00	U	<4.00	mg/L		NC	20
Hydroxide Alkalinity	<4.00	U	<4.00	mg/L		NC	20
Phenolphthalein Alkalinity	<4.00	U	<4.00	mg/L		NC	20

Eurofins Carlsbad

QC Sample Results

Client: TRC Solutions, Inc.
Project/Site: SRO 5 State 506/507

Job ID: 890-4834-1
SDG: Carlsbad NM

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

Lab Sample ID: MB 860-109109/1
Matrix: Water
Analysis Batch: 109109

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

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	<5.00	U	5.00	mg/L			06/22/23 10:56	1

Lab Sample ID: LCS 860-109109/2
Matrix: Water
Analysis Batch: 109109

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Total Dissolved Solids	1000	1002		mg/L		100	80 - 120

Lab Sample ID: LCSD 860-109109/3
Matrix: Water
Analysis Batch: 109109

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
Total Dissolved Solids	1000	1006		mg/L		101	80 - 120	0	10

Lab Sample ID: LLCS 860-109109/4
Matrix: Water
Analysis Batch: 109109

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

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
Total Dissolved Solids	5.00	6.000		mg/L		120	50 - 150

Lab Sample ID: 890-4834-4 DU
Matrix: Water
Analysis Batch: 109109

Client Sample ID: DUP-01
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Dissolved Solids	6660		6660		mg/L		0	10

Method: SM 4500 H+ B - pH

Lab Sample ID: 880-29718-B-1 DU
Matrix: Water
Analysis Batch: 108973

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
pH	7.2		7.2		SU		0	20
Temperature	17.7		17.8		Degrees C		0.6	20

QC Association Summary

Client: TRC Solutions, Inc.
Project/Site: SRO 5 State 506/507

Job ID: 890-4834-1
SDG: Carlsbad NM

HPLC/IC

Analysis Batch: 108937

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-4834-1	MW-1	Total/NA	Water	300.0	
890-4834-1 - DL	MW-1	Total/NA	Water	300.0	
890-4834-2	MW-2	Total/NA	Water	300.0	
890-4834-2 - DL	MW-2	Total/NA	Water	300.0	
890-4834-3	MW-3	Total/NA	Water	300.0	
890-4834-3 - DL	MW-3	Total/NA	Water	300.0	
890-4834-4	DUP-01	Total/NA	Water	300.0	
890-4834-4 - DL	DUP-01	Total/NA	Water	300.0	
MB 860-108937/3	Method Blank	Total/NA	Water	300.0	
LCS 860-108937/4	Lab Control Sample	Total/NA	Water	300.0	
LCSD 860-108937/5	Lab Control Sample Dup	Total/NA	Water	300.0	
LLCS 860-108937/7	Lab Control Sample	Total/NA	Water	300.0	
820-8944-B-1 MS	Matrix Spike	Total/NA	Water	300.0	
820-8944-B-1 MSD	Matrix Spike Duplicate	Total/NA	Water	300.0	

Analysis Batch: 108938

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-4834-1	MW-1	Total/NA	Water	300.0	
890-4834-2	MW-2	Total/NA	Water	300.0	
890-4834-3	MW-3	Total/NA	Water	300.0	
890-4834-4	DUP-01	Total/NA	Water	300.0	
MB 860-108938/3	Method Blank	Total/NA	Water	300.0	
LCS 860-108938/4	Lab Control Sample	Total/NA	Water	300.0	
LCSD 860-108938/5	Lab Control Sample Dup	Total/NA	Water	300.0	
LLCS 860-108938/6	Lab Control Sample	Total/NA	Water	300.0	
820-8944-B-1 MS	Matrix Spike	Total/NA	Water	300.0	
820-8944-B-1 MSD	Matrix Spike Duplicate	Total/NA	Water	300.0	

Metals

Filtration Batch: 109455

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-4834-1	MW-1	Dissolved	Water	Filtration	
890-4834-2	MW-2	Dissolved	Water	Filtration	
890-4834-3	MW-3	Dissolved	Water	Filtration	
890-4834-4	DUP-01	Dissolved	Water	Filtration	
MB 860-109455/24-C	Method Blank	Dissolved	Water	Filtration	
LCS 860-109455/25-C	Lab Control Sample	Dissolved	Water	Filtration	
LCSD 860-109455/26-C	Lab Control Sample Dup	Dissolved	Water	Filtration	

Prep Batch: 109768

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-4834-1	MW-1	Dissolved	Water	200.7	109455
890-4834-2	MW-2	Dissolved	Water	200.7	109455
890-4834-3	MW-3	Dissolved	Water	200.7	109455
890-4834-4	DUP-01	Dissolved	Water	200.7	109455
MB 860-109455/24-C	Method Blank	Dissolved	Water	200.7	109455
LCS 860-109455/25-C	Lab Control Sample	Dissolved	Water	200.7	109455
LCSD 860-109455/26-C	Lab Control Sample Dup	Dissolved	Water	200.7	109455
LLCS 860-109768/4-A	Lab Control Sample	Total Recoverable	Water	200.7	
820-8968-E-1-B MS	Matrix Spike	Total Recoverable	Water	200.7	

Eurofins Carlsbad

QC Association Summary

Client: TRC Solutions, Inc.
Project/Site: SRO 5 State 506/507

Job ID: 890-4834-1
SDG: Carlsbad NM

Metals (Continued)

Prep Batch: 109768 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-51973-A-1-C MSD	Matrix Spike Duplicate	Total Recoverable	Water	200.7	

Analysis Batch: 109945

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-4834-1	MW-1	Dissolved	Water	200.7 Rev 4.4	109768
890-4834-1	MW-1	Dissolved	Water	200.7 Rev 4.4	109768
890-4834-2	MW-2	Dissolved	Water	200.7 Rev 4.4	109768
890-4834-2	MW-2	Dissolved	Water	200.7 Rev 4.4	109768
890-4834-3	MW-3	Dissolved	Water	200.7 Rev 4.4	109768
890-4834-3	MW-3	Dissolved	Water	200.7 Rev 4.4	109768
890-4834-4	DUP-01	Dissolved	Water	200.7 Rev 4.4	109768
890-4834-4	DUP-01	Dissolved	Water	200.7 Rev 4.4	109768
MB 860-109455/24-C	Method Blank	Dissolved	Water	200.7 Rev 4.4	109768
LCS 860-109455/25-C	Lab Control Sample	Dissolved	Water	200.7 Rev 4.4	109768
LLCS 860-109455/26-C	Lab Control Sample Dup	Dissolved	Water	200.7 Rev 4.4	109768
LLCS 860-109768/4-A	Lab Control Sample	Total Recoverable	Water	200.7 Rev 4.4	109768
820-8968-E-1-B MS	Matrix Spike	Total Recoverable	Water	200.7 Rev 4.4	109768
860-51973-A-1-C MSD	Matrix Spike Duplicate	Total Recoverable	Water	200.7 Rev 4.4	109768

Analysis Batch: 109974

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-4834-1	MW-1	Total/NA	Water	SM 2340B	
890-4834-2	MW-2	Total/NA	Water	SM 2340B	
890-4834-3	MW-3	Total/NA	Water	SM 2340B	
890-4834-4	DUP-01	Total/NA	Water	SM 2340B	

General Chemistry

Analysis Batch: 107460

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-4834-1	MW-1	Total/NA	Water	SM 1030E	
890-4834-2	MW-2	Total/NA	Water	SM 1030E	
890-4834-3	MW-3	Total/NA	Water	SM 1030E	
890-4834-4	DUP-01	Total/NA	Water	SM 1030E	

Analysis Batch: 108973

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-4834-1	MW-1	Total/NA	Water	SM 4500 H+ B	
890-4834-2	MW-2	Total/NA	Water	SM 4500 H+ B	
890-4834-3	MW-3	Total/NA	Water	SM 4500 H+ B	
890-4834-4	DUP-01	Total/NA	Water	SM 4500 H+ B	
880-29718-B-1 DU	Duplicate	Total/NA	Water	SM 4500 H+ B	

Analysis Batch: 109109

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-4834-1	MW-1	Total/NA	Water	SM 2540C	
890-4834-2	MW-2	Total/NA	Water	SM 2540C	
890-4834-3	MW-3	Total/NA	Water	SM 2540C	
890-4834-4	DUP-01	Total/NA	Water	SM 2540C	
MB 860-109109/1	Method Blank	Total/NA	Water	SM 2540C	
LCS 860-109109/2	Lab Control Sample	Total/NA	Water	SM 2540C	

Eurofins Carlsbad

QC Association Summary

Client: TRC Solutions, Inc.
Project/Site: SRO 5 State 506/507

Job ID: 890-4834-1
SDG: Carlsbad NM

General Chemistry (Continued)

Analysis Batch: 109109 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCSD 860-109109/3	Lab Control Sample Dup	Total/NA	Water	SM 2540C	
LLCS 860-109109/4	Lab Control Sample	Total/NA	Water	SM 2540C	
890-4834-4 DU	DUP-01	Total/NA	Water	SM 2540C	

Analysis Batch: 109166

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-4834-1	MW-1	Total/NA	Water	SM 2320B	
890-4834-2	MW-2	Total/NA	Water	SM 2320B	
890-4834-3	MW-3	Total/NA	Water	SM 2320B	
890-4834-4	DUP-01	Total/NA	Water	SM 2320B	
MB 860-109166/3	Method Blank	Total/NA	Water	SM 2320B	
LCS 860-109166/4	Lab Control Sample	Total/NA	Water	SM 2320B	
LCSD 860-109166/5	Lab Control Sample Dup	Total/NA	Water	SM 2320B	
880-29589-Q-2 DU	Duplicate	Total/NA	Water	SM 2320B	

Lab Chronicle

Client: TRC Solutions, Inc.
Project/Site: SRO 5 State 506/507

Job ID: 890-4834-1
SDG: Carlsbad NM

Client Sample ID: MW-1
Date Collected: 06/19/23 08:48
Date Received: 06/19/23 11:25

Lab Sample ID: 890-4834-1
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		1	0 mL	1.0 mL	108937	06/21/23 23:21	RBNS	EET HOU
Total/NA	Analysis	300.0		1	0 mL	1.0 mL	108938	06/21/23 23:21	RBNS	EET HOU
Total/NA	Analysis	300.0	DL	10	0 mL	1.0 mL	108937	06/21/23 23:30	RBNS	EET HOU
Dissolved	Filtration	Filtration			250 mL	250 mL	109455	06/26/23 03:33	AGR	EET HOU
Dissolved	Prep	200.7			50 mL	50 mL	109768	06/27/23 11:00	MD	EET HOU
Dissolved	Analysis	200.7 Rev 4.4		1			109945	06/27/23 16:34	JDM	EET HOU
Dissolved	Filtration	Filtration			250 mL	250 mL	109455	06/26/23 03:33	AGR	EET HOU
Dissolved	Prep	200.7			50 mL	50 mL	109768	06/27/23 11:00	MD	EET HOU
Dissolved	Analysis	200.7 Rev 4.4		50			109945	06/27/23 16:45	JDM	EET HOU
Total/NA	Analysis	SM 2340B		1			109974	06/28/23 10:51	JDM	EET HOU
Total/NA	Analysis	SM 1030E		1			107460	06/23/23 08:37	SC	EET HOU
Total/NA	Analysis	SM 2320B		1			109166	06/22/23 14:02	TL	EET HOU
Total/NA	Analysis	SM 2540C		1	10 mL	200 mL	109109	06/22/23 10:56	OH	EET HOU
Total/NA	Analysis	SM 4500 H+ B		1			108973	06/21/23 14:00	TL	EET HOU

Client Sample ID: MW-2
Date Collected: 06/19/23 09:28
Date Received: 06/19/23 11:25

Lab Sample ID: 890-4834-2
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		1	0 mL	1.0 mL	108937	06/21/23 23:39	RBNS	EET HOU
Total/NA	Analysis	300.0		1	0 mL	1.0 mL	108938	06/21/23 23:39	RBNS	EET HOU
Total/NA	Analysis	300.0	DL	10	0 mL	1.0 mL	108937	06/21/23 23:48	RBNS	EET HOU
Dissolved	Filtration	Filtration			250 mL	250 mL	109455	06/26/23 03:33	AGR	EET HOU
Dissolved	Prep	200.7			50 mL	50 mL	109768	06/27/23 11:00	MD	EET HOU
Dissolved	Analysis	200.7 Rev 4.4		1			109945	06/27/23 16:55	JDM	EET HOU
Dissolved	Filtration	Filtration			250 mL	250 mL	109455	06/26/23 03:33	AGR	EET HOU
Dissolved	Prep	200.7			50 mL	50 mL	109768	06/27/23 11:00	MD	EET HOU
Dissolved	Analysis	200.7 Rev 4.4		50			109945	06/27/23 17:06	JDM	EET HOU
Total/NA	Analysis	SM 2340B		1			109974	06/28/23 10:51	JDM	EET HOU
Total/NA	Analysis	SM 1030E		1			107460	06/23/23 08:37	SC	EET HOU
Total/NA	Analysis	SM 2320B		1			109166	06/22/23 14:26	TL	EET HOU
Total/NA	Analysis	SM 2540C		1	25 mL	200 mL	109109	06/22/23 10:56	OH	EET HOU
Total/NA	Analysis	SM 4500 H+ B		1			108973	06/21/23 14:01	TL	EET HOU

Client Sample ID: MW-3
Date Collected: 06/19/23 10:02
Date Received: 06/19/23 11:25

Lab Sample ID: 890-4834-3
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		1	0 mL	1.0 mL	108937	06/21/23 23:58	RBNS	EET HOU
Total/NA	Analysis	300.0		1	0 mL	1.0 mL	108938	06/21/23 23:58	RBNS	EET HOU
Total/NA	Analysis	300.0	DL	10	0 mL	1.0 mL	108937	06/22/23 00:07	RBNS	EET HOU

Eurofins Carlsbad

Lab Chronicle

Client: TRC Solutions, Inc.
Project/Site: SRO 5 State 506/507

Job ID: 890-4834-1
SDG: Carlsbad NM

Client Sample ID: MW-3

Lab Sample ID: 890-4834-3

Date Collected: 06/19/23 10:02

Matrix: Water

Date Received: 06/19/23 11:25

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Dissolved	Filtration	Filtration			250 mL	250 mL	109455	06/26/23 03:33	AGR	EET HOU
Dissolved	Prep	200.7			50 mL	50 mL	109768	06/27/23 11:00	MD	EET HOU
Dissolved	Analysis	200.7 Rev 4.4		1			109945	06/27/23 16:59	JDM	EET HOU
Dissolved	Filtration	Filtration			250 mL	250 mL	109455	06/26/23 03:33	AGR	EET HOU
Dissolved	Prep	200.7			50 mL	50 mL	109768	06/27/23 11:00	MD	EET HOU
Dissolved	Analysis	200.7 Rev 4.4		50			109945	06/27/23 17:10	JDM	EET HOU
Total/NA	Analysis	SM 2340B		1			109974	06/28/23 10:51	JDM	EET HOU
Total/NA	Analysis	SM 1030E		1			107460	06/23/23 08:37	SC	EET HOU
Total/NA	Analysis	SM 2320B		1			109166	06/22/23 14:33	TL	EET HOU
Total/NA	Analysis	SM 2540C		1	50 mL	200 mL	109109	06/22/23 10:56	OH	EET HOU
Total/NA	Analysis	SM 4500 H+ B		1			108973	06/21/23 14:03	TL	EET HOU

Client Sample ID: DUP-01

Lab Sample ID: 890-4834-4

Date Collected: 06/19/23 00:00

Matrix: Water

Date Received: 06/19/23 11:25

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		1	0 mL	1.0 mL	108937	06/22/23 00:16	RBNS	EET HOU
Total/NA	Analysis	300.0		1	0 mL	1.0 mL	108938	06/22/23 00:16	RBNS	EET HOU
Total/NA	Analysis	300.0	DL	10	0 mL	1.0 mL	108937	06/22/23 00:25	RBNS	EET HOU
Dissolved	Filtration	Filtration			250 mL	250 mL	109455	06/26/23 03:33	AGR	EET HOU
Dissolved	Prep	200.7			50 mL	50 mL	109768	06/27/23 11:00	MD	EET HOU
Dissolved	Analysis	200.7 Rev 4.4		1			109945	06/27/23 17:03	JDM	EET HOU
Dissolved	Filtration	Filtration			250 mL	250 mL	109455	06/26/23 03:33	AGR	EET HOU
Dissolved	Prep	200.7			50 mL	50 mL	109768	06/27/23 11:00	MD	EET HOU
Dissolved	Analysis	200.7 Rev 4.4		50			109945	06/27/23 17:13	JDM	EET HOU
Total/NA	Analysis	SM 2340B		1			109974	06/28/23 10:51	JDM	EET HOU
Total/NA	Analysis	SM 1030E		1			107460	06/23/23 08:37	SC	EET HOU
Total/NA	Analysis	SM 2320B		1			109166	06/22/23 14:41	TL	EET HOU
Total/NA	Analysis	SM 2540C		1	25 mL	200 mL	109109	06/22/23 10:56	OH	EET HOU
Total/NA	Analysis	SM 4500 H+ B		1			108973	06/21/23 14:06	TL	EET HOU

Laboratory References:

EET HOU = Eurofins Houston, 4145 Greenbriar Dr, Stafford, TX 77477, TEL (281)240-4200

Eurofins Carlsbad

Accreditation/Certification Summary

Client: TRC Solutions, Inc.
Project/Site: SRO 5 State 506/507

Job ID: 890-4834-1
SDG: Carlsbad NM

Laboratory: Eurofins Houston

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

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704215-23-50	06-30-23

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
SM 1030E		Water	Percent Difference
SM 2320B		Water	Bicarbonate Alkalinity as CaCO3
SM 2320B		Water	Carbonate Alkalinity as CaCO3
SM 2320B		Water	Hydroxide Alkalinity
SM 2320B		Water	Phenolphthalein Alkalinity
SM 2340B		Water	Calcium hardness as calcium carbonate
SM 2340B		Water	Magnesium hardness as calcium carbonate
SM 4500 H+ B		Water	Temperature

Method Summary

Client: TRC Solutions, Inc.
Project/Site: SRO 5 State 506/507

Job ID: 890-4834-1
SDG: Carlsbad NM

Method	Method Description	Protocol	Laboratory
300.0	Anions, Ion Chromatography	EPA	EET HOU
200.7 Rev 4.4	Metals (ICP)	EPA	EET HOU
SM 2340B	Total Hardness (as CaCO3) by calculation	SM	EET HOU
SM 1030E	Cation Anion Balance	SM	EET HOU
SM 2320B	Alkalinity	SM	EET HOU
SM 2540C	Solids, Total Dissolved (TDS)	SM	EET HOU
SM 4500 H+ B	pH	SM	EET HOU
200.7	Preparation, Total Recoverable Metals	EPA	EET HOU
Filtration	Sample Filtration	None	EET HOU

- Protocol References:**
- EPA = US Environmental Protection Agency
 - None = None
 - SM = "Standard Methods For The Examination Of Water And Wastewater"
- Laboratory References:**
- EET HOU = Eurofins Houston, 4145 Greenbriar Dr, Stafford, TX 77477, TEL (281)240-4200

Sample Summary

Client: TRC Solutions, Inc.
Project/Site: SRO 5 State 506/507

Job ID: 890-4834-1
SDG: Carlsbad NM

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
890-4834-1	MW-1	Water	06/19/23 08:48	06/19/23 11:25
890-4834-2	MW-2	Water	06/19/23 09:28	06/19/23 11:25
890-4834-3	MW-3	Water	06/19/23 10:02	06/19/23 11:25
890-4834-4	DUP-01	Water	06/19/23 00:00	06/19/23 11:25

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

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



Environment Testing
Xenco

Houston, TX (281) 240-4200, Dallas, TX (214) 902-0300
Midland, TX (432) 704-5440, San Antonio, TX (210) 509-3334
El Paso, TX (915) 585-3443, Lubbock, TX (806) 794-1296
Hobbs, NM (575) 392-7550, Carlsbad, NM (575) 988-3199

Chain of Custody

Work Order No: _____

www.xenco.com Page 1 of 1

Project Manager:	Jared Stoffel	Bill to: (if different)	TRC
Company Name:	TRC Companies	Company Name:	-
Address:	10 Delta Dr.	Address:	-
City, State ZIP:	Midland, TX 79705	City, State ZIP:	-
Phone:	(432) 238-3003	Email:	

Program:	UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐
State of Project:	
Reporting:	Level II ☐ Level III ☐ PST/UST ☐ TRRP ☐ Level IV ☐
Deliverables:	EDD ☐ ADAPT ☐ Other: _____

Project Name:	SR0 5 State 506 507	Turn Around	☒ Routine ☐ Rush	Pres. Code		ANALYSIS REQUEST	Preservative Codes	None: NO ☐ N/A ☐
Project Number:	450169	Due Date:						
Project Location:	Carlsbad, NM	TAT starts the day received by the lab, if received by 4:30pm						
Sampler's Name:	P. Shin							
PO #:								
SAMPLE RECEIPT	Temp Blank: ☒ Yes ☒ No	Thermometer ID:	Wet Ice: ☒ Yes ☐ No					
Samples Received Intact:	☒ Yes ☐ No	Correction Factor:						
Cooler Custody Seals:	☒ Yes ☐ No	Temperature Reading:						
Sample Custody Seals:	☒ Yes ☐ No	Corrected Temperature:						
Total Containers:								



Sample Identification	Matrix	Date Sampled	Time Sampled	Depth	Grav/Cont	# of Cont	Parameters	Sample Comments
NW-1	ENV	6/19/23	0848		4	3	2540C - Calcd	
NW-2	ENV		0928		4	3	Cation - Anion	
NW-3	ENV		1002		4	3	SM4500-H+ pH & temp.	
Dup-01	ENV				4	3	2320B	
							300 - ORGFM-280/Chloride & Fluoride	
							300 - ORGFMS/Nitrate & Nitrite as N	
							SM2340B - IC PMS	
							200.7/ Filtration - ME	

Total 200.7 / 6010 2008 / 6020: 8RCRA 13PPM Texas 11 Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO₂ Na Sr Ti Sn U V Zn
Circle Method(s) and Metal(s) to be analyzed TCLP/SPLP 6010 : 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Ti U Hg: 1631 / 245.1 / 7470 / 7471

Notice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Eurofins Xenco, its affiliates and subcontractors. It assigns standard terms and conditions of service. Eurofins Xenco will be liable only for the cost of samples and shall not assume any responsibility for any losses or expenses incurred by the client if such losses are due to circumstances beyond the control of Eurofins Xenco. A minimum charge of \$85.00 will be applied to each project and a charge of \$5 for each sample submitted to Eurofins Xenco, but not analyzed. These terms will be enforced unless previously negotiated.

Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time

Login Sample Receipt Checklist

Client: TRC Solutions, Inc.

Job Number: 890-4834-1

SDG Number: Carlsbad NM

Login Number: 4834

List Number: 1

Creator: Clifton, Cloe

List Source: Eurofins Carlsbad

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

Login Sample Receipt Checklist

Client: TRC Solutions, Inc.

Job Number: 890-4834-1

SDG Number: Carlsbad NM

Login Number: 4834

List Number: 2

Creator: Pena, Jesiel

List Source: Eurofins Houston

List Creation: 06/21/23 11:08 AM

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



Environment Testing

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

ANALYTICAL REPORT

PREPARED FOR

Attn: Jared Stoffel
TRC Solutions, Inc.
10 Desta Drive
Suite #130E
Midland, Texas 79705

Generated 4/14/2023 6:58:28 AM

JOB DESCRIPTION

SRO 5 STATE 506 507
SDG NUMBER Carlsbad NM

JOB NUMBER

880-26644-1

Eurofins Midland
1211 W. Florida Ave
Midland TX 79701

Eurofins Midland

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.

Analytical test results meet all requirements of the associated regulatory program (i.e., NELAC (TNI), DoD, and ISO 17025) unless otherwise noted under the individual analysis.

Authorization



Generated
4/14/2023 6:58:28 AM

Authorized for release by
Jessica Kramer, Project Manager
Jessica.Kramer@et.eurofinsus.com
(432)704-5440

Client: TRC Solutions, Inc.
Project/Site: SRO 5 STATE 506 507

Laboratory Job ID: 880-26644-1
SDG: Carlsbad NM

Table of Contents

Cover Page	1
Table of Contents	3
Definitions/Glossary	4
Case Narrative	5
Client Sample Results	7
QC Sample Results	11
QC Association Summary	29
Lab Chronicle	34
Certification Summary	36
Method Summary	37
Sample Summary	38
Chain of Custody	39
Receipt Checklists	41

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

Definitions/Glossary

Client: TRC Solutions, Inc.
Project/Site: SRO 5 STATE 506 507

Job ID: 880-26644-1
SDG: Carlsbad NM

Qualifiers

HPLC/IC

Qualifier	Qualifier Description
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.
F1	MS and/or MSD recovery exceeds control limits.
H	Sample was prepped or analyzed beyond the specified holding time
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.

Metals

Qualifier	Qualifier Description
E	Result exceeded calibration range.
F1	MS and/or MSD recovery exceeds control limits.
U	Indicates the analyte was analyzed for but not detected.

General Chemistry

Qualifier	Qualifier Description
H	Sample was prepped or analyzed beyond the specified holding time
HF	Field parameter with a holding time of 15 minutes. Test performed by laboratory at client's request.
U	Indicates the analyte was analyzed for but not detected.

Glossary

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

Case Narrative

Client: TRC Solutions, Inc.
Project/Site: SRO 5 STATE 506 507

Job ID: 880-26644-1
SDG: Carlsbad NM

Job ID: 880-26644-1

Laboratory: Eurofins Midland

Narrative

**Job Narrative
880-26644-1**

Receipt

The samples were received on 3/31/2023 12:30 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 0.5°C

HPLC/IC

Method 300_ORGFM_28D: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for analytical batch 860-96882 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/laboratory control sample duplicate (LCS/LCSD) recovery is within acceptance limits.

Method 300_ORGFM_28D: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for analytical batch 860-97026 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/laboratory control sample duplicate (LCS/LCSD) recovery is within acceptance limits.

Method 300_ORGFM_28D: The following samples were diluted to bring the concentration of target analytes within the calibration range: MW-1 (880-26644-3) and DUP-01 (880-26644-4). Elevated reporting limits (RLs) are provided.

Method 300_ORGFM_28D: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for analytical batch 860-97026 were outside control limits. Sample matrix interference is suspected because the associated laboratory control sample/laboratory control sample duplicate (LCS/LCSD) recovery was within acceptance limits.

Method 300_ORGFM_28D: The following samples were diluted to bring the concentration of target analytes within the calibration range: MW-3 (880-26644-1) and MW-2 (880-26644-2). Elevated reporting limits (RLs) are provided.

Method 300_ORGFM_28D: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for analytical batch 860-97209 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/laboratory control sample duplicate (LCS/LCSD) recovery is within acceptance limits.

Method 300_ORGFM_28D: The following sample was diluted to bring the concentration of target analytes within the calibration range: MW-2 (880-26644-2). Elevated reporting limits (RLs) are provided.

Method 300_ORGFM_28D: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for analytical batch 860-97816 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/laboratory control sample duplicate (LCS/LCSD) recovery is within acceptance limits.

Method 300_ORGFM_28D: Due to the high concentration of Chloride, the matrix spike / matrix spike duplicate (MS/MSD) for analytical batch 860-97816 could not be evaluated for accuracy and precision. The associated laboratory control sample/laboratory control sample duplicate (LCS/LCSD) met acceptance criteria.

Method 300_ORGFM_28D: The following sample was diluted to bring the concentration of target analytes within the calibration range: MW-1 (880-26644-3). Elevated reporting limits (RLs) are provided.

Method 300_ORGFMS: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for analytical batch 860-96883 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/laboratory control sample duplicate (LCS/LCSD) recovery is within acceptance limits.

Method 300_ORGFMS: The following sample(s) was diluted due to the nature of the sample matrix: high conductivity and chloride

Case Narrative

Client: TRC Solutions, Inc.
Project/Site: SRO 5 STATE 506 507

Job ID: 880-26644-1
SDG: Carlsbad NM

Job ID: 880-26644-1 (Continued)

Laboratory: Eurofins Midland (Continued)

concentration. Elevated reporting limits (RLs) are provided.

Method 300_ORGFMS: The following samples were received outside of holding time: MW-3 (880-26644-1), MW-2 (880-26644-2), MW-1 (880-26644-3) and DUP-01 (880-26644-4).

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

Metals

Method 200.7: Due to the high concentration of Calcium, the matrix spike / matrix spike duplicate (MS/MSD) for preparation batch 860-97188 and analytical batch 860-97339 could not be evaluated for accuracy and precision. The associated laboratory control sample / laboratory control sample duplicate (LCS/LCSD) met acceptance criteria.

Method 200.7: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 860-97188 and analytical batch 860-97408 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.

General Chemistry

Method 2540C_Calcd: Reanalysis of the following sample was performed outside of the analytical holding time due to reanalysis : MW-3 (880-26644-1).

Method 2540C_Calcd: Reanalysis of the following sample was performed outside of the analytical holding time due to Total Dissolved Solids and conductivity out of ratio: MW-3 (880-26644-1).

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

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: SRO 5 STATE 506 507

Job ID: 880-26644-1
SDG: Carlsbad NM

Client Sample ID: MW-3

Lab Sample ID: 880-26644-1

Date Collected: 03/30/23 12:50

Matrix: Water

Date Received: 03/31/23 12:30

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	217		0.500	mg/L			04/01/23 17:48	1
Nitrate as N	0.598	H	0.100	mg/L			04/01/23 17:48	1
Fluoride	<0.500	U	0.500	mg/L			04/01/23 17:48	1
Nitrite as N	<0.100	U H	0.100	mg/L			04/01/23 17:48	1

Method: EPA 300.0 - Anions, Ion Chromatography - DL

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	1960		5.00	mg/L			04/04/23 04:57	10

Method: EPA 200.7 Rev 4.4 - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Sodium	181		25.0	mg/L		04/04/23 12:00	04/05/23 12:17	50
Potassium	13.3		0.500	mg/L		04/04/23 12:00	04/04/23 22:38	1
SiO2	27.2		1.07	mg/L		04/04/23 12:00	04/04/23 22:38	1
Calcium	595		10.0	mg/L		04/04/23 12:00	04/04/23 22:48	50
Magnesium	96.5		10.0	mg/L		04/04/23 12:00	04/04/23 22:48	50

Method: SM 2340B - Total Hardness (as CaCO3) by calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Hardness as calcium carbonate	1880		0.100	mg/L			04/06/23 11:15	1

General Chemistry

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Anion/Cation Balance (SM 1030E)	-5.30			%			04/05/23 12:44	1
Alkalinity (SM 2320B)	155		4.00	mg/L			04/05/23 13:32	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B)	155		4.00	mg/L			04/05/23 13:32	1
Carbonate Alkalinity as CaCO3 (SM 2320B)	<4.00	U	4.00	mg/L			04/05/23 13:32	1
Hydroxide Alkalinity (SM 2320B)	<4.00	U	4.00	mg/L			04/05/23 13:32	1
Phenolphthalein Alkalinity (SM 2320B)	<4.00	U	4.00	mg/L			04/05/23 13:32	1
Total Dissolved Solids (SM 2540C)	2710	H	100	mg/L			04/11/23 15:44	1
pH (SM 4500 H+ B)	7.3	HF		SU			04/05/23 13:31	1
Temperature (SM 4500 H+ B)	18.8	HF		Degrees C			04/05/23 13:31	1

Client Sample ID: MW-2

Lab Sample ID: 880-26644-2

Date Collected: 03/30/23 13:45

Matrix: Water

Date Received: 03/31/23 12:30

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate as N	0.914	H	0.100	mg/L			04/01/23 17:54	1
Fluoride	0.609		0.500	mg/L			04/01/23 17:54	1
Nitrite as N	<0.100	U H	0.100	mg/L			04/01/23 17:54	1

Method: EPA 300.0 - Anions, Ion Chromatography - DL

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1040		5.00	mg/L			04/04/23 05:24	10

Method: EPA 300.0 - Anions, Ion Chromatography - DL2

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	2980		50.0	mg/L			04/04/23 23:58	100

Eurofins Midland

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: SRO 5 STATE 506 507

Job ID: 880-26644-1
SDG: Carlsbad NM

Client Sample ID: MW-2

Lab Sample ID: 880-26644-2

Date Collected: 03/30/23 13:45

Matrix: Water

Date Received: 03/31/23 12:30

Method: EPA 200.7 Rev 4.4 - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Sodium	895		25.0	mg/L		04/04/23 12:00	04/05/23 12:20	50
Potassium	17.1		0.500	mg/L		04/04/23 12:00	04/04/23 22:41	1
SiO2	29.7		1.07	mg/L		04/04/23 12:00	04/04/23 22:41	1
Calcium	580		10.0	mg/L		04/04/23 12:00	04/04/23 22:52	50
Magnesium	322		10.0	mg/L		04/04/23 12:00	04/04/23 22:52	50

Method: SM 2340B - Total Hardness (as CaCO3) by calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Hardness as calcium carbonate	2770		0.100	mg/L			04/06/23 11:15	1

General Chemistry

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Anion/Cation Balance (SM 1030E)	-1.09			%			04/05/23 12:44	1
Alkalinity (SM 2320B)	222		4.00	mg/L			04/05/23 13:57	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B)	222		4.00	mg/L			04/05/23 13:57	1
Carbonate Alkalinity as CaCO3 (SM 2320B)	<4.00	U	4.00	mg/L			04/05/23 13:57	1
Hydroxide Alkalinity (SM 2320B)	<4.00	U	4.00	mg/L			04/05/23 13:57	1
Phenolphthalein Alkalinity (SM 2320B)	<4.00	U	4.00	mg/L			04/05/23 13:57	1
Total Dissolved Solids (SM 2540C)	6340		100	mg/L			04/06/23 06:53	1
pH (SM 4500 H+ B)	7.2	HF		SU			04/05/23 13:33	1
Temperature (SM 4500 H+ B)	19.0	HF		Degrees C			04/05/23 13:33	1

Client Sample ID: MW-1

Lab Sample ID: 880-26644-3

Date Collected: 03/30/23 15:00

Matrix: Water

Date Received: 03/31/23 12:30

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1070		5.00	mg/L			04/08/23 09:01	10
Nitrate as N	<1.00	U H	1.00	mg/L			04/01/23 18:07	10
Fluoride	<5.00	U	5.00	mg/L			04/08/23 09:01	10
Nitrite as N	<1.00	U H	1.00	mg/L			04/01/23 18:07	10

Method: EPA 300.0 - Anions, Ion Chromatography - DL

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	3620		50.0	mg/L			04/08/23 09:08	100

Method: EPA 200.7 Rev 4.4 - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Sodium	1280		25.0	mg/L		04/04/23 12:01	04/05/23 12:23	50
Potassium	27.7		0.500	mg/L		04/04/23 12:01	04/04/23 22:45	1
SiO2	19.0		1.07	mg/L		04/04/23 12:01	04/04/23 22:45	1
Calcium	625		10.0	mg/L		04/04/23 12:01	04/04/23 22:56	50
Magnesium	412		10.0	mg/L		04/04/23 12:01	04/04/23 22:56	50

Method: SM 2340B - Total Hardness (as CaCO3) by calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Hardness as calcium carbonate	3260		0.100	mg/L			04/06/23 11:15	1

Eurofins Midland

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: SRO 5 STATE 506 507

Job ID: 880-26644-1
SDG: Carlsbad NM

Client Sample ID: MW-1

Lab Sample ID: 880-26644-3

Date Collected: 03/30/23 15:00

Matrix: Water

Date Received: 03/31/23 12:30

General Chemistry

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Anion/Cation Balance (SM 1030E)	4.56			%			04/05/23 12:44	1
Alkalinity (SM 2320B)	235		4.00	mg/L			04/05/23 14:05	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B)	235		4.00	mg/L			04/05/23 14:05	1
Carbonate Alkalinity as CaCO3 (SM 2320B)	<4.00	U	4.00	mg/L			04/05/23 14:05	1
Hydroxide Alkalinity (SM 2320B)	<4.00	U	4.00	mg/L			04/05/23 14:05	1
Phenolphthalein Alkalinity (SM 2320B)	<4.00	U	4.00	mg/L			04/05/23 14:05	1
Total Dissolved Solids (SM 2540C)	6420		100	mg/L			04/06/23 06:53	1
pH (SM 4500 H+ B)	7.1	HF		SU			04/05/23 13:34	1
Temperature (SM 4500 H+ B)	18.7	HF		Degrees C			04/05/23 13:34	1

Client Sample ID: DUP-01

Lab Sample ID: 880-26644-4

Date Collected: 03/30/23 00:00

Matrix: Water

Date Received: 03/31/23 12:30

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate as N	0.960	H	0.100	mg/L			04/01/23 18:01	1
Fluoride	0.509		0.500	mg/L			04/01/23 18:01	1
Nitrite as N	<0.100	U H	0.100	mg/L			04/01/23 18:01	1

Method: EPA 300.0 - Anions, Ion Chromatography - DL

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1120		5.00	mg/L			04/04/23 03:54	10

Method: EPA 300.0 - Anions, Ion Chromatography - DL2

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	4140		50.0	mg/L			04/04/23 04:01	100

Method: EPA 200.7 Rev 4.4 - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Sodium	795		25.0	mg/L		04/04/23 12:01	04/05/23 12:26	50
Potassium	16.2		0.500	mg/L		04/04/23 12:01	04/04/23 23:06	1
SiO2	28.7		1.07	mg/L		04/04/23 12:01	04/04/23 23:06	1
Calcium	560		10.0	mg/L		04/04/23 12:01	04/04/23 23:10	50
Magnesium	309		10.0	mg/L		04/04/23 12:01	04/04/23 23:10	50

Method: SM 2340B - Total Hardness (as CaCO3) by calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Hardness as calcium carbonate	2670		0.100	mg/L			04/06/23 11:15	1

General Chemistry

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Anion/Cation Balance (SM 1030E)	-16.5			%			04/05/23 12:44	1
Alkalinity (SM 2320B)	225		4.00	mg/L			04/05/23 14:14	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B)	225		4.00	mg/L			04/05/23 14:14	1
Carbonate Alkalinity as CaCO3 (SM 2320B)	<4.00	U	4.00	mg/L			04/05/23 14:14	1
Hydroxide Alkalinity (SM 2320B)	<4.00	U	4.00	mg/L			04/05/23 14:14	1
Phenolphthalein Alkalinity (SM 2320B)	<4.00	U	4.00	mg/L			04/05/23 14:14	1

Eurofins Midland

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: SRO 5 STATE 506 507

Job ID: 880-26644-1
SDG: Carlsbad NM

Client Sample ID: DUP-01
Date Collected: 03/30/23 00:00
Date Received: 03/31/23 12:30

Lab Sample ID: 880-26644-4
Matrix: Water

General Chemistry (Continued)									
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil	Fac
Total Dissolved Solids (SM 2540C)	6560		100	mg/L			04/06/23 06:53	1	
pH (SM 4500 H+ B)	7.2	HF		SU			04/05/23 13:36	1	
Temperature (SM 4500 H+ B)	18.8	HF		Degrees C			04/05/23 13:36	1	

QC Sample Results

Client: TRC Solutions, Inc.
Project/Site: SRO 5 STATE 506 507

Job ID: 880-26644-1
SDG: Carlsbad NM

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 860-96882/3

Matrix: Water

Analysis Batch: 96882

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.500	U	0.500	mg/L			04/01/23 15:06	1
Fluoride	<0.500	U	0.500	mg/L			04/01/23 15:06	1
Sulfate	<0.500	U	0.500	mg/L			04/01/23 15:06	1

Lab Sample ID: LCS 860-96882/4

Matrix: Water

Analysis Batch: 96882

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	10.0	9.383		mg/L		94	90 - 110
Fluoride	10.0	9.948		mg/L		99	90 - 110
Sulfate	10.0	8.972		mg/L		90	90 - 110

Lab Sample ID: LCSD 860-96882/5

Matrix: Water

Analysis Batch: 96882

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	10.0	9.389		mg/L		94	90 - 110	0	20
Fluoride	10.0	9.952		mg/L		100	90 - 110	0	20
Sulfate	10.0	8.958		mg/L		90	90 - 110	0	20

Lab Sample ID: LLCS 860-96882/7

Matrix: Water

Analysis Batch: 96882

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	0.500	0.5722		mg/L		114	50 - 150
Fluoride	0.500	0.4388	J	mg/L		88	50 - 150
Sulfate	0.500	0.6034		mg/L		121	50 - 150

Lab Sample ID: 880-26443-A-2 MS

Matrix: Water

Analysis Batch: 96882

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	119		10.0	120.5	4	mg/L		10	90 - 110
Fluoride	3.78		10.0	13.77		mg/L		100	90 - 110
Sulfate	185		10.0	184.8	4	mg/L		-3	90 - 110

Lab Sample ID: 880-26443-A-2 MSD

Matrix: Water

Analysis Batch: 96882

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	119		10.0	119.9	4	mg/L		4	90 - 110	0	20
Fluoride	3.78		10.0	13.71		mg/L		99	90 - 110	0	20
Sulfate	185		10.0	181.6	4	mg/L		-35	90 - 110	2	20

Eurofins Midland

QC Sample Results

Client: TRC Solutions, Inc.
Project/Site: SRO 5 STATE 506 507

Job ID: 880-26644-1
SDG: Carlsbad NM

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: MB 860-96883/3

Matrix: Water

Analysis Batch: 96883

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate as N	<0.100	U	0.100	mg/L			04/01/23 15:06	1
Nitrite as N	<0.100	U	0.100	mg/L			04/01/23 15:06	1

Lab Sample ID: LCS 860-96883/4

Matrix: Water

Analysis Batch: 96883

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	10.0	9.641		mg/L		96	80 - 120
Nitrite as N	10.0	9.850		mg/L		99	80 - 120

Lab Sample ID: LCSD 860-96883/5

Matrix: Water

Analysis Batch: 96883

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	10.0	9.639		mg/L		96	80 - 120	0	20
Nitrite as N	10.0	9.848		mg/L		98	80 - 120	0	20

Lab Sample ID: LLCS 860-96883/6

Matrix: Water

Analysis Batch: 96883

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
Nitrate as N	0.100	0.1042		mg/L		104	50 - 150
Nitrite as N	0.100	0.1039		mg/L		104	50 - 150

Lab Sample ID: 880-26443-A-2 MS

Matrix: Water

Analysis Batch: 96883

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Nitrate as N	2.39		10.0	12.34		mg/L		100	80 - 120
Nitrite as N	<0.100	U F1	2.50	1.512	F1	mg/L		60	80 - 120

Lab Sample ID: 880-26443-A-2 MSD

Matrix: Water

Analysis Batch: 96883

Client Sample ID: Matrix Spike Duplicate

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	2.39		10.0	12.32		mg/L		99	80 - 120	0	15
Nitrite as N	<0.100	U F1	2.50	1.532	F1	mg/L		61	80 - 120	1	15

Lab Sample ID: MB 860-97026/3

Matrix: Water

Analysis Batch: 97026

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.500	U	0.500	mg/L			04/03/23 14:27	1
Fluoride	<0.500	U	0.500	mg/L			04/03/23 14:27	1

Eurofins Midland

QC Sample Results

Client: TRC Solutions, Inc.
Project/Site: SRO 5 STATE 506 507

Job ID: 880-26644-1
SDG: Carlsbad NM

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: MB 860-97026/3

Matrix: Water

Analysis Batch: 97026

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	<0.500	U	0.500	mg/L			04/03/23 14:27	1

Lab Sample ID: MB 860-97026/89

Matrix: Water

Analysis Batch: 97026

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.500	U	0.500	mg/L			04/04/23 02:45	1
Fluoride	<0.500	U	0.500	mg/L			04/04/23 02:45	1
Sulfate	<0.500	U	0.500	mg/L			04/04/23 02:45	1

Lab Sample ID: LCS 860-97026/4

Matrix: Water

Analysis Batch: 97026

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	10.0	9.424		mg/L		94	90 - 110
Fluoride	10.0	9.899		mg/L		99	90 - 110
Sulfate	10.0	9.226		mg/L		92	90 - 110

Lab Sample ID: LCS 860-97026/90

Matrix: Water

Analysis Batch: 97026

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	10.0	9.379		mg/L		94	90 - 110
Fluoride	10.0	9.884		mg/L		99	90 - 110
Sulfate	10.0	9.259		mg/L		93	90 - 110

Lab Sample ID: LCSD 860-97026/5

Matrix: Water

Analysis Batch: 97026

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	10.0	9.417		mg/L		94	90 - 110	0	20
Fluoride	10.0	9.896		mg/L		99	90 - 110	0	20
Sulfate	10.0	9.190		mg/L		92	90 - 110	0	20

Lab Sample ID: LCSD 860-97026/91

Matrix: Water

Analysis Batch: 97026

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	10.0	9.373		mg/L		94	90 - 110	0	20
Fluoride	10.0	9.886		mg/L		99	90 - 110	0	20
Sulfate	10.0	9.257		mg/L		93	90 - 110	0	20

Eurofins Midland

QC Sample Results

Client: TRC Solutions, Inc.
Project/Site: SRO 5 STATE 506 507

Job ID: 880-26644-1
SDG: Carlsbad NM

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: LLCS 860-97026/7

Matrix: Water

Analysis Batch: 97026

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte			Spike	LLCS	LLCS	Unit	D	%Rec	%Rec		
	Added	Result	Qualifier	Result	Qualifier				Limits		
Chloride	0.500	0.5782				mg/L		116	50 - 150		
Fluoride	0.500	0.4302	J			mg/L		86	50 - 150		
Sulfate	0.500	0.6198				mg/L		124	50 - 150		

Lab Sample ID: 880-26443-A-4 MS

Matrix: Water

Analysis Batch: 97026

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec		
	Result	Qualifier	Added	Result	Qualifier				Limits		
Chloride	118		10.0	126.7	4	mg/L		91	90 - 110		
Fluoride	3.54		10.0	13.74		mg/L		102	90 - 110		
Sulfate	185		10.0	191.4	4	mg/L		68	90 - 110		

Lab Sample ID: 880-26443-A-4 MSD

Matrix: Water

Analysis Batch: 97026

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec	RPD	RPD	Limit
	Result	Qualifier	Added	Result	Qualifier				Limits	RPD	Limit	
Chloride	118		10.0	126.7	4	mg/L		91	90 - 110	0	20	
Fluoride	3.54		10.0	13.72		mg/L		102	90 - 110	0	20	
Sulfate	185		10.0	191.1	4	mg/L		65	90 - 110	0	20	

Lab Sample ID: 880-26443-A-5 MS

Matrix: Water

Analysis Batch: 97026

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec		
	Result	Qualifier	Added	Result	Qualifier				Limits		
Chloride	119		10.0	120.2	4	mg/L		14	90 - 110		
Fluoride	3.60		10.0	13.88		mg/L		103	90 - 110		
Sulfate	173		10.0	175.0	4	mg/L		22	90 - 110		

Lab Sample ID: 880-26443-A-5 MSD

Matrix: Water

Analysis Batch: 97026

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec	RPD	RPD	Limit
	Result	Qualifier	Added	Result	Qualifier				Limits	RPD	Limit	
Chloride	119		10.0	120.1	4	mg/L		13	90 - 110	0	20	
Fluoride	3.60		10.0	13.91		mg/L		103	90 - 110	0	20	
Sulfate	173		10.0	174.9	4	mg/L		21	90 - 110	0	20	

Lab Sample ID: 870-15671-A-11 DU

Matrix: Water

Analysis Batch: 97026

Client Sample ID: Duplicate

Prep Type: Total/NA

Analyte	Sample	Sample			DU	DU	Unit	D			RPD	RPD	Limit
	Result	Qualifier	Result	Qualifier	Result	Qualifier			Result	Qualifier	Limit		
Chloride	14.7		14.41		14.41		mg/L				2	20	
Fluoride	<0.500	U	<0.500	U	<0.500	U	mg/L				NC	20	
Sulfate	21.5		21.38		21.38		mg/L				0.4	20	

Eurofins Midland

QC Sample Results

Client: TRC Solutions, Inc.
Project/Site: SRO 5 STATE 506 507

Job ID: 880-26644-1
SDG: Carlsbad NM

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: MB 860-97027/3

Matrix: Water

Analysis Batch: 97027

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate as N	<0.100	U	0.100	mg/L			04/03/23 14:27	1
Nitrite as N	<0.100	U	0.100	mg/L			04/03/23 14:27	1

Lab Sample ID: MB 860-97027/89

Matrix: Water

Analysis Batch: 97027

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate as N	<0.100	U	0.100	mg/L			04/04/23 02:45	1
Nitrite as N	<0.100	U	0.100	mg/L			04/04/23 02:45	1

Lab Sample ID: LCS 860-97027/4

Matrix: Water

Analysis Batch: 97027

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	10.0	9.740		mg/L		97	80 - 120
Nitrite as N	10.0	9.759		mg/L		98	80 - 120

Lab Sample ID: LCS 860-97027/90

Matrix: Water

Analysis Batch: 97027

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	10.0	9.711		mg/L		97	80 - 120
Nitrite as N	10.0	9.691		mg/L		97	80 - 120

Lab Sample ID: LCSD 860-97027/5

Matrix: Water

Analysis Batch: 97027

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	10.0	9.731		mg/L		97	80 - 120	0	20
Nitrite as N	10.0	9.790		mg/L		98	80 - 120	0	20

Lab Sample ID: LCSD 860-97027/91

Matrix: Water

Analysis Batch: 97027

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	10.0	9.702		mg/L		97	80 - 120	0	20
Nitrite as N	10.0	9.700		mg/L		97	80 - 120	0	20

Lab Sample ID: LLCS 860-97027/6

Matrix: Water

Analysis Batch: 97027

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
Nitrate as N	0.100	0.1038		mg/L		104	50 - 150
Nitrite as N	0.100	0.1035		mg/L		103	50 - 150

Eurofins Midland

QC Sample Results

Client: TRC Solutions, Inc.
Project/Site: SRO 5 STATE 506 507

Job ID: 880-26644-1
SDG: Carlsbad NM

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: 880-26443-A-4 MS

Matrix: Water

Analysis Batch: 97027

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Nitrate as N	2.17		10.0	12.68		mg/L		105	80 - 120
Nitrite as N	<0.100	U F1	2.50	3.586	F1	mg/L		143	80 - 120

Lab Sample ID: 880-26443-A-4 MSD

Matrix: Water

Analysis Batch: 97027

Client Sample ID: Matrix Spike Duplicate

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	2.17		10.0	12.68		mg/L		105	80 - 120	0	15
Nitrite as N	<0.100	U F1	2.50	3.550	F1	mg/L		142	80 - 120	1	15

Lab Sample ID: 880-26443-A-5 MS

Matrix: Water

Analysis Batch: 97027

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Nitrate as N	2.38		10.0	12.83		mg/L		104	80 - 120
Nitrite as N	<0.100	U F1	2.50	1.538	F1	mg/L		62	80 - 120

Lab Sample ID: 880-26443-A-5 MSD

Matrix: Water

Analysis Batch: 97027

Client Sample ID: Matrix Spike Duplicate

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	2.38		10.0	12.82		mg/L		104	80 - 120	0	15
Nitrite as N	<0.100	U F1	2.50	1.535	F1	mg/L		61	80 - 120	0	15

Lab Sample ID: 870-15671-A-11 DU

Matrix: Water

Analysis Batch: 97027

Client Sample ID: Duplicate

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Nitrate as N	0.156		0.1399		mg/L		11	
Nitrite as N	<0.100	U	<0.100	U	mg/L		2	

Lab Sample ID: MB 860-97209/3

Matrix: Water

Analysis Batch: 97209

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.500	U	0.500	mg/L			04/04/23 14:11	1
Fluoride	<0.500	U	0.500	mg/L			04/04/23 14:11	1
Sulfate	<0.500	U	0.500	mg/L			04/04/23 14:11	1

Lab Sample ID: MB 860-97209/56

Matrix: Water

Analysis Batch: 97209

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.500	U	0.500	mg/L			04/04/23 21:40	1

Eurofins Midland

QC Sample Results

Client: TRC Solutions, Inc.
Project/Site: SRO 5 STATE 506 507

Job ID: 880-26644-1
SDG: Carlsbad NM

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: MB 860-97209/56

Matrix: Water

Analysis Batch: 97209

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Fluoride	<0.500	U	0.500	mg/L			04/04/23 21:40	1
Sulfate	<0.500	U	0.500	mg/L			04/04/23 21:40	1

Lab Sample ID: LCS 860-97209/57

Matrix: Water

Analysis Batch: 97209

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	10.0	9.400		mg/L		94	90 - 110
Fluoride	10.0	9.885		mg/L		99	90 - 110
Sulfate	10.0	9.262		mg/L		93	90 - 110

Lab Sample ID: LCSD 860-97209/58

Matrix: Water

Analysis Batch: 97209

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	10.0	9.389		mg/L		94	90 - 110	0	20
Fluoride	10.0	9.875		mg/L		99	90 - 110	0	20
Sulfate	10.0	9.262		mg/L		93	90 - 110	0	20

Lab Sample ID: LLCS 860-97209/7

Matrix: Water

Analysis Batch: 97209

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	0.500	0.5772		mg/L		115	50 - 150
Fluoride	0.500	0.4299	J	mg/L		86	50 - 150
Sulfate	0.500	0.6070		mg/L		121	50 - 150

Lab Sample ID: 880-26664-A-3 MS

Matrix: Water

Analysis Batch: 97209

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	61700		5000	64760	4	mg/L		62	90 - 110
Fluoride	<250	U	5000	4890		mg/L		96	90 - 110
Sulfate	1970		5000	6785		mg/L		96	90 - 110

Lab Sample ID: 880-26664-A-3 MSD

Matrix: Water

Analysis Batch: 97209

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	61700		5000	64820	4	mg/L		63	90 - 110	0	20
Fluoride	<250	U	5000	4897		mg/L		96	90 - 110	0	20
Sulfate	1970		5000	6788		mg/L		96	90 - 110	0	20

Eurofins Midland

QC Sample Results

Client: TRC Solutions, Inc.
Project/Site: SRO 5 STATE 506 507

Job ID: 880-26644-1
SDG: Carlsbad NM

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: 870-15793-A-1 DU

Matrix: Water

Analysis Batch: 97209

Client Sample ID: Duplicate

Prep Type: Total/NA

Analyte	Sample	Sample	DU		Unit	D	RPD	Limit
	Result	Qualifier	Result	Qualifier				
Chloride	9.14	F1	9.417		mg/L		3	20
Fluoride	<0.500	U	<0.500	U	mg/L		NC	20
Sulfate	26.1	F1	26.49		mg/L		1	20

Lab Sample ID: MB 860-97210/3

Matrix: Water

Analysis Batch: 97210

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB	MB	RL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier						
Nitrate as N	<0.100	U	0.100	mg/L			04/04/23 14:11	1
Nitrite as N	<0.100	U	0.100	mg/L			04/04/23 14:11	1

Lab Sample ID: MB 860-97210/56

Matrix: Water

Analysis Batch: 97210

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB	MB	RL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier						
Nitrate as N	<0.100	U	0.100	mg/L			04/04/23 21:40	1
Nitrite as N	<0.100	U	0.100	mg/L			04/04/23 21:40	1

Lab Sample ID: LCS 860-97210/57

Matrix: Water

Analysis Batch: 97210

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	10.0	9.701		mg/L		97	80 - 120
Nitrite as N	10.0	9.687		mg/L		97	80 - 120

Lab Sample ID: LCSD 860-97210/58

Matrix: Water

Analysis Batch: 97210

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	Limit
Nitrate as N	10.0	9.697		mg/L		97	80 - 120	0	20
Nitrite as N	10.0	9.712		mg/L		97	80 - 120	0	20

Lab Sample ID: LLCS 860-97210/6

Matrix: Water

Analysis Batch: 97210

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
Nitrate as N	0.100	0.1038		mg/L		104	50 - 150
Nitrite as N	0.100	0.1028		mg/L		103	50 - 150

Lab Sample ID: 880-26664-A-3 MS

Matrix: Water

Analysis Batch: 97210

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Analyte	Sample	Sample	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
	Result	Qualifier							
Nitrate as N	<50.0	U	5000	4798		mg/L		95	80 - 120

Eurofins Midland

QC Sample Results

Client: TRC Solutions, Inc.
Project/Site: SRO 5 STATE 506 507

Job ID: 880-26644-1
SDG: Carlsbad NM

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: 880-26664-A-3 MS

Matrix: Water

Analysis Batch: 97210

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Nitrite as N	<50.0	U	1260	1477		mg/L		117	80 - 120

Lab Sample ID: 880-26664-A-3 MSD

Matrix: Water

Analysis Batch: 97210

Client Sample ID: Matrix Spike Duplicate

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	<50.0	U	5000	4798		mg/L		95	80 - 120	0	15
Nitrite as N	<50.0	U	1250	1498		mg/L		120	80 - 120	1	15

Lab Sample ID: 870-15793-A-1 DU

Matrix: Water

Analysis Batch: 97210

Client Sample ID: Duplicate

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Nitrate as N	0.150		0.1809		mg/L		19	
Nitrite as N	0.174	F1	0.1731		mg/L		0.6	

Lab Sample ID: MB 860-97816/132

Matrix: Water

Analysis Batch: 97816

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.500	U	0.500	mg/L			04/08/23 06:00	1
Fluoride	<0.500	U	0.500	mg/L			04/08/23 06:00	1
Sulfate	<0.500	U	0.500	mg/L			04/08/23 06:00	1

Lab Sample ID: MB 860-97816/20

Matrix: Water

Analysis Batch: 97816

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.500	U	0.500	mg/L			04/07/23 17:16	1
Fluoride	<0.500	U	0.500	mg/L			04/07/23 17:16	1
Sulfate	<0.500	U	0.500	mg/L			04/07/23 17:16	1

Lab Sample ID: MB 860-97816/59

Matrix: Water

Analysis Batch: 97816

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.500	U	0.500	mg/L			04/07/23 21:35	1
Fluoride	<0.500	U	0.500	mg/L			04/07/23 21:35	1
Sulfate	<0.500	U	0.500	mg/L			04/07/23 21:35	1

Eurofins Midland

QC Sample Results

Client: TRC Solutions, Inc.
Project/Site: SRO 5 STATE 506 507

Job ID: 880-26644-1
SDG: Carlsbad NM

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: LCS 860-97816/133

Matrix: Water

Analysis Batch: 97816

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits	
							90 - 110	90 - 110
Chloride	10.0	9.330		mg/L		93		
Fluoride	10.0	9.571		mg/L		96		
Sulfate	10.0	9.957		mg/L		100		

Lab Sample ID: LCS 860-97816/60

Matrix: Water

Analysis Batch: 97816

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits	
							90 - 110	90 - 110
Chloride	10.0	9.460		mg/L		95		
Fluoride	10.0	9.642		mg/L		96		
Sulfate	10.0	10.08		mg/L		101		

Lab Sample ID: LCSD 860-97816/134

Matrix: Water

Analysis Batch: 97816

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD	LCSD	Unit	D	%Rec	%Rec	RPD	RPD
		Result	Qualifier				Limits		Limit
Chloride	10.0	9.307		mg/L		93	90 - 110	0	20
Fluoride	10.0	9.547		mg/L		95	90 - 110	0	20
Sulfate	10.0	9.948		mg/L		99	90 - 110	0	20

Lab Sample ID: LCSD 860-97816/61

Matrix: Water

Analysis Batch: 97816

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

			Spike	LCSD	LCSD			%Rec		RPD	
Analyte			Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Chloride			10.0	9.478		mg/L		95	90 - 110	0	20
Fluoride			10.0	9.656		mg/L		97	90 - 110	0	20
Sulfate			10.0	10.11		mg/L		101	90 - 110	0	20

Lab Sample ID: LLCS 860-97816/24

Matrix: Water

Analysis Batch: 97816

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits	
							50 - 150	50 - 150
Chloride	0.500	0.5775		mg/L		116		
Fluoride	0.500	0.4195	J	mg/L		84		
Sulfate	0.500	0.6113		mg/L		122		

Lab Sample ID: 820-7832-A-6 MS

Matrix: Water

Analysis Batch: 97816

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits	
									90 - 110	90 - 110
Chloride	92.6		10.0	102.3	4	mg/L		96		
Fluoride	3.97	F1	10.0	16.88	F1	mg/L		129		
Sulfate	147		10.0	154.6	4	mg/L		80		

Eurofins Midland

QC Sample Results

Client: TRC Solutions, Inc.
Project/Site: SRO 5 STATE 506 507

Job ID: 880-26644-1
SDG: Carlsbad NM

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: 820-7832-A-6 MSD

Matrix: Water

Analysis Batch: 97816

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	92.6		10.0	102.3	4	mg/L		96	90 - 110	0	20
Fluoride	3.97	F1	10.0	16.92	F1	mg/L		130	90 - 110	0	20
Sulfate	147		10.0	154.8	4	mg/L		82	90 - 110	0	20

Lab Sample ID: 860-46019-A-1 MS

Matrix: Water

Analysis Batch: 97816

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Fluoride	<5.00	U F1	100	56.00	F1	mg/L		54	90 - 110		
Sulfate	<5.00	U F1	100	87.75	F1	mg/L		88	90 - 110		

Lab Sample ID: 860-46019-A-1 MSD

Matrix: Water

Analysis Batch: 97816

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Fluoride	<5.00	U F1	100	58.25	F1	mg/L		56	90 - 110	4	20
Sulfate	<5.00	U F1	100	89.38	F1	mg/L		89	90 - 110	2	20

Lab Sample ID: MB 860-97817/132

Matrix: Water

Analysis Batch: 97817

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate as N	<0.100	U	0.100	mg/L			04/08/23 06:00	1
Nitrite as N	<0.100	U	0.100	mg/L			04/08/23 06:00	1

Lab Sample ID: MB 860-97817/20

Matrix: Water

Analysis Batch: 97817

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate as N	<0.100	U	0.100	mg/L			04/07/23 17:16	1
Nitrite as N	<0.100	U	0.100	mg/L			04/07/23 17:16	1

Lab Sample ID: MB 860-97817/59

Matrix: Water

Analysis Batch: 97817

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate as N	<0.100	U	0.100	mg/L			04/07/23 21:35	1
Nitrite as N	<0.100	U	0.100	mg/L			04/07/23 21:35	1

Lab Sample ID: LCS 860-97817/133

Matrix: Water

Analysis Batch: 97817

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	10.0	9.424		mg/L		94	80 - 120		

Eurofins Midland

QC Sample Results

Client: TRC Solutions, Inc.
Project/Site: SRO 5 STATE 506 507

Job ID: 880-26644-1
SDG: Carlsbad NM

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: LCS 860-97817/133
Matrix: Water
Analysis Batch: 97817

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Nitrite as N	10.0	9.943		mg/L		99	80 - 120

Lab Sample ID: LCS 860-97817/60
Matrix: Water
Analysis Batch: 97817

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	10.0	9.533		mg/L		95	80 - 120
Nitrite as N	10.0	9.963		mg/L		100	80 - 120

Lab Sample ID: LCSD 860-97817/134
Matrix: Water
Analysis Batch: 97817

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	10.0	9.421		mg/L		94	80 - 120	0	20
Nitrite as N	10.0	9.970		mg/L		100	80 - 120	0	20

Lab Sample ID: LCSD 860-97817/61
Matrix: Water
Analysis Batch: 97817

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	10.0	9.550		mg/L		96	80 - 120	0	20
Nitrite as N	10.0	10.01		mg/L		100	80 - 120	0	20

Lab Sample ID: LLCS 860-97817/23
Matrix: Water
Analysis Batch: 97817

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

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
Nitrate as N	0.100	0.1042		mg/L		104	50 - 150
Nitrite as N	0.100	0.1035		mg/L		103	50 - 150

Lab Sample ID: 820-7832-A-6 MS
Matrix: Water
Analysis Batch: 97817

Client Sample ID: Matrix Spike
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Nitrate as N	2.51	F1	10.0	15.35	F1	mg/L		128	80 - 120
Nitrite as N	<0.100	U F1	2.50	3.200	F1	mg/L		128	80 - 120

Lab Sample ID: 820-7832-A-6 MSD
Matrix: Water
Analysis Batch: 97817

Client Sample ID: Matrix Spike Duplicate
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	2.51	F1	10.0	14.81	F1	mg/L		123	80 - 120	4	15
Nitrite as N	<0.100	U F1	2.50	3.240	F1	mg/L		130	80 - 120	1	15

Eurofins Midland

QC Sample Results

Client: TRC Solutions, Inc.
Project/Site: SRO 5 STATE 506 507

Job ID: 880-26644-1
SDG: Carlsbad NM

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: 860-46019-A-1 MS

Matrix: Water

Analysis Batch: 97817

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Nitrate as N	<1.00	U	100	95.48		mg/L		95	80 - 120
Nitrite as N	<1.00	U F1	25.0	<1.00	U F1	mg/L		0	80 - 120

Lab Sample ID: 860-46019-A-1 MSD

Matrix: Water

Analysis Batch: 97817

Client Sample ID: Matrix Spike Duplicate

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	<1.00	U	100	96.02		mg/L		96	80 - 120	1	15
Nitrite as N	<1.00	U F1	25.0	<1.00	U F1	mg/L		0	80 - 120	NC	15

Method: 200.7 Rev 4.4 - Metals (ICP)

Lab Sample ID: MB 860-97188/1-A

Matrix: Water

Analysis Batch: 97339

Client Sample ID: Method Blank

Prep Type: Total Recoverable

Prep Batch: 97188

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Potassium	<0.500	U	0.500	mg/L		04/04/23 12:00	04/04/23 20:26	1
SiO2	<1.07	U	1.07	mg/L		04/04/23 12:00	04/04/23 20:26	1
Calcium	<0.200	U	0.200	mg/L		04/04/23 12:00	04/04/23 20:26	1
Magnesium	<0.200	U	0.200	mg/L		04/04/23 12:00	04/04/23 20:26	1

Lab Sample ID: MB 860-97188/1-A

Matrix: Water

Analysis Batch: 97408

Client Sample ID: Method Blank

Prep Type: Total Recoverable

Prep Batch: 97188

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Sodium	<0.500	U	0.500	mg/L		04/04/23 12:00	04/05/23 11:41	1

Lab Sample ID: LCS 860-97188/2-A

Matrix: Water

Analysis Batch: 97339

Client Sample ID: Lab Control Sample

Prep Type: Total Recoverable

Prep Batch: 97188

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Potassium	10.0	9.820		mg/L		98	85 - 115
SiO2	21.4	20.69		mg/L		97	85 - 115
Calcium	25.0	24.30		mg/L		97	85 - 115
Magnesium	25.0	23.90		mg/L		96	85 - 115

Lab Sample ID: LCS 860-97188/2-A

Matrix: Water

Analysis Batch: 97408

Client Sample ID: Lab Control Sample

Prep Type: Total Recoverable

Prep Batch: 97188

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Sodium	25.0	24.40		mg/L		98	85 - 115

Eurofins Midland

QC Sample Results

Client: TRC Solutions, Inc.
Project/Site: SRO 5 STATE 506 507

Job ID: 880-26644-1
SDG: Carlsbad NM

Method: 200.7 Rev 4.4 - Metals (ICP) (Continued)

Lab Sample ID: LCSD 860-97188/3-A
Matrix: Water
Analysis Batch: 97339

Client Sample ID: Lab Control Sample Dup
Prep Type: Total Recoverable
Prep Batch: 97188

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec		RPD	Limit
							Limits			
Potassium	10.0	9.730		mg/L		97	85 - 115		1	20
SiO2	21.4	20.67		mg/L		97	85 - 115		0	20
Calcium	25.0	24.30		mg/L		97	85 - 115		0	20
Magnesium	25.0	23.50		mg/L		94	85 - 115		2	20

Lab Sample ID: LCSD 860-97188/3-A
Matrix: Water
Analysis Batch: 97408

Client Sample ID: Lab Control Sample Dup
Prep Type: Total Recoverable
Prep Batch: 97188

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec		RPD	Limit
							Limits			
Sodium	25.0	24.20		mg/L		97	85 - 115		1	20

Lab Sample ID: LLCS 860-97188/4-A
Matrix: Water
Analysis Batch: 97339

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 97188

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec		RPD	Limit
							Limits			
Potassium	0.500	0.6650		mg/L		133	50 - 150			
SiO2	1.07	1.128		mg/L		105	50 - 150			
Calcium	0.200	0.2670		mg/L		134	50 - 150			
Magnesium	0.200	0.2220		mg/L		111	50 - 150			

Lab Sample ID: LLCS 860-97188/4-A
Matrix: Water
Analysis Batch: 97408

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 97188

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec		RPD	Limit
							Limits			
Sodium	0.500	0.5860		mg/L		117	50 - 150			

Lab Sample ID: 860-46165-A-5-B MS
Matrix: Water
Analysis Batch: 97339

Client Sample ID: Matrix Spike
Prep Type: Total Recoverable
Prep Batch: 97188

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec		Limit
									Limits		
Potassium	2.97		10.0	12.80		mg/L		98	70 - 130		
SiO2	5.74		21.4	28.68		mg/L		107	70 - 130		
Calcium	6.87		25.0	33.60		mg/L		107	70 - 130		
Magnesium	1.65		25.0	27.30		mg/L		103	70 - 130		

Lab Sample ID: 860-46165-A-5-B MS
Matrix: Water
Analysis Batch: 97408

Client Sample ID: Matrix Spike
Prep Type: Total Recoverable
Prep Batch: 97188

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec		Limit
									Limits		
Sodium	3.54	F1	25.0	65.10	F1	mg/L		246	70 - 130		

Eurofins Midland

QC Sample Results

Client: TRC Solutions, Inc.
Project/Site: SRO 5 STATE 506 507

Job ID: 880-26644-1
SDG: Carlsbad NM

Method: 200.7 Rev 4.4 - Metals (ICP) (Continued)

Lab Sample ID: 860-46187-A-1-B MS

Matrix: Water

Analysis Batch: 97339

Client Sample ID: Matrix Spike

Prep Type: Total Recoverable

Prep Batch: 97188

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Potassium	2.26		10.0	12.90		mg/L		106	70 - 130
SiO2	8.62		21.4	31.89		mg/L		109	70 - 130
Calcium	56.0		25.0	82.40	E	mg/L		106	70 - 130
Magnesium	11.1		25.0	36.90		mg/L		103	70 - 130

Lab Sample ID: 860-46187-A-1-C MSD

Matrix: Water

Analysis Batch: 97339

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total Recoverable

Prep Batch: 97188

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Potassium	2.26		10.0	12.80		mg/L		105	70 - 130	1	20
SiO2	8.62		21.4	31.89		mg/L		109	70 - 130	0	20
Calcium	56.0		25.0	82.60	E	mg/L		106	70 - 130	0	20
Magnesium	11.1		25.0	36.80		mg/L		103	70 - 130	0	20

Lab Sample ID: 860-46187-A-1-C MSD

Matrix: Water

Analysis Batch: 97408

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total Recoverable

Prep Batch: 97188

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Sodium	63.5	F1	25.0	91.90		mg/L		114	70 - 130	8	20

Lab Sample ID: MB 860-97111/1-C

Matrix: Water

Analysis Batch: 97339

Client Sample ID: Method Blank

Prep Type: Dissolved

Prep Batch: 97188

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Potassium	<0.500	U	0.500	mg/L		04/04/23 12:00	04/04/23 22:27	1
SiO2	<1.07	U	1.07	mg/L		04/04/23 12:00	04/04/23 22:27	1
Calcium	<0.200	U	0.200	mg/L		04/04/23 12:00	04/04/23 22:27	1
Magnesium	<0.200	U	0.200	mg/L		04/04/23 12:00	04/04/23 22:27	1

Lab Sample ID: MB 860-97111/1-C

Matrix: Water

Analysis Batch: 97408

Client Sample ID: Method Blank

Prep Type: Dissolved

Prep Batch: 97188

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Sodium	<0.500	U	0.500	mg/L		04/04/23 12:00	04/05/23 12:03	1

Lab Sample ID: LCS 860-97111/2-C

Matrix: Water

Analysis Batch: 97339

Client Sample ID: Lab Control Sample

Prep Type: Dissolved

Prep Batch: 97188

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Potassium	10.0	9.710		mg/L		97	85 - 115
SiO2	21.4	21.08		mg/L		99	85 - 115
Calcium	25.0	25.10		mg/L		100	85 - 115
Magnesium	25.0	24.60		mg/L		98	85 - 115

Eurofins Midland

QC Sample Results

Client: TRC Solutions, Inc.
Project/Site: SRO 5 STATE 506 507

Job ID: 880-26644-1
SDG: Carlsbad NM

Method: 200.7 Rev 4.4 - Metals (ICP) (Continued)

Lab Sample ID: LCS 860-97111/2-C
Matrix: Water
Analysis Batch: 97408

Client Sample ID: Lab Control Sample
Prep Type: Dissolved
Prep Batch: 97188

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Sodium	25.0	24.30		mg/L		97	85 - 115

Lab Sample ID: LCSD 860-97111/3-C
Matrix: Water
Analysis Batch: 97339

Client Sample ID: Lab Control Sample Dup
Prep Type: Dissolved
Prep Batch: 97188

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Potassium	10.0	9.670		mg/L		97	85 - 115	0	20
SiO2	21.4	20.95		mg/L		98	85 - 115	1	20
Calcium	25.0	25.00		mg/L		100	85 - 115	0	20
Magnesium	25.0	24.30		mg/L		97	85 - 115	1	20

Lab Sample ID: LCSD 860-97111/3-C
Matrix: Water
Analysis Batch: 97408

Client Sample ID: Lab Control Sample Dup
Prep Type: Dissolved
Prep Batch: 97188

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Sodium	25.0	24.40		mg/L		98	85 - 115	0	20

Method: SM 2320B - Alkalinity

Lab Sample ID: MB 860-97465/3
Matrix: Water
Analysis Batch: 97465

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

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity	<4.00	U	4.00	mg/L			04/05/23 11:20	1
Bicarbonate Alkalinity as CaCO3	<4.00	U	4.00	mg/L			04/05/23 11:20	1
Carbonate Alkalinity as CaCO3	<4.00	U	4.00	mg/L			04/05/23 11:20	1
Hydroxide Alkalinity	<4.00	U	4.00	mg/L			04/05/23 11:20	1
Phenolphthalein Alkalinity	<4.00	U	4.00	mg/L			04/05/23 11:20	1

Lab Sample ID: LCS 860-97465/4
Matrix: Water
Analysis Batch: 97465

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Alkalinity	250	241.5		mg/L		97	85 - 115

Lab Sample ID: LCSD 860-97465/5
Matrix: Water
Analysis Batch: 97465

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

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Alkalinity	250	243.7		mg/L		97	85 - 115	1	20

Eurofins Midland

QC Sample Results

Client: TRC Solutions, Inc.
Project/Site: SRO 5 STATE 506 507

Job ID: 880-26644-1
SDG: Carlsbad NM

Method: SM 2320B - Alkalinity (Continued)

Lab Sample ID: 880-26644-1 DU

Matrix: Water

Analysis Batch: 97465

Client Sample ID: MW-3

Prep Type: Total/NA

Analyte	Sample	Sample	DU	DU	Unit	D	RPD	Limit
	Result	Qualifier	Result	Qualifier				
Alkalinity	155		155.9		mg/L		0.7	20
Bicarbonate Alkalinity as CaCO ₃	155		155.9		mg/L		0.7	20
Carbonate Alkalinity as CaCO ₃	<4.00	U	<4.00	U	mg/L		NC	20
Hydroxide Alkalinity	<4.00	U	<4.00	U	mg/L		NC	20
Phenolphthalein Alkalinity	<4.00	U	<4.00	U	mg/L		NC	20

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

Lab Sample ID: MB 860-97683/1

Matrix: Water

Analysis Batch: 97683

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB	MB	RL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier						
Total Dissolved Solids	<5.00	U	5.00	mg/L			04/06/23 06:53	1

Lab Sample ID: LCS 860-97683/2

Matrix: Water

Analysis Batch: 97683

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike	LCS	LCS	Unit	D	%Rec	%Rec	Limits
Total Dissolved Solids	1000	1009		mg/L		101		80 - 120

Lab Sample ID: LCSD 860-97683/3

Matrix: Water

Analysis Batch: 97683

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike	LCSD	LCSD	Unit	D	%Rec	%Rec	Limits	RPD	Limit
Total Dissolved Solids	1000	1019		mg/L		102		80 - 120	1	10

Lab Sample ID: LLCS 860-97683/4

Matrix: Water

Analysis Batch: 97683

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike	LLCS	LLCS	Unit	D	%Rec	%Rec	Limits
Total Dissolved Solids	5.00	<5.00	U	mg/L		90		50 - 150

Lab Sample ID: 860-46055-A-1 DU

Matrix: Water

Analysis Batch: 97683

Client Sample ID: Duplicate

Prep Type: Total/NA

Analyte	Sample	Sample	DU	DU	Unit	D	RPD	Limit
	Result	Qualifier	Result	Qualifier				
Total Dissolved Solids	1310		1404		mg/L		7	10

Lab Sample ID: MB 860-98265/1

Matrix: Water

Analysis Batch: 98265

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB	MB	RL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier						
Total Dissolved Solids	<5.00	U	5.00	mg/L			04/11/23 15:44	1

Eurofins Midland

QC Sample Results

Client: TRC Solutions, Inc.
Project/Site: SRO 5 STATE 506 507

Job ID: 880-26644-1
SDG: Carlsbad NM

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

Lab Sample ID: LCS 860-98265/2
Matrix: Water
Analysis Batch: 98265

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Total Dissolved Solids	1000	1009		mg/L		101	80 - 120

Lab Sample ID: LCSD 860-98265/3
Matrix: Water
Analysis Batch: 98265

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
Total Dissolved Solids	1000	993.0		mg/L		99	80 - 120	2	10

Lab Sample ID: LLCS 860-98265/4
Matrix: Water
Analysis Batch: 98265

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

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
Total Dissolved Solids	5.00	<5.00	U	mg/L		90	50 - 150

Lab Sample ID: 860-46324-A-1 DU
Matrix: Water
Analysis Batch: 98265

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Dissolved Solids	762		765.0		mg/L		0.4	10

Method: SM 4500 H+ B - pH

Lab Sample ID: 880-26644-4 DU
Matrix: Water
Analysis Batch: 97426

Client Sample ID: DUP-01
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
pH	7.2	HF	7.2		SU		0	20
Temperature	18.8	HF	18.9		Degrees C		0.5	20

QC Association Summary

Client: TRC Solutions, Inc.
Project/Site: SRO 5 STATE 506 507

Job ID: 880-26644-1
SDG: Carlsbad NM

HPLC/IC

Analysis Batch: 96882

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-26644-1	MW-3	Total/NA	Water	300.0	
880-26644-2	MW-2	Total/NA	Water	300.0	
880-26644-4	DUP-01	Total/NA	Water	300.0	
MB 860-96882/3	Method Blank	Total/NA	Water	300.0	
LCS 860-96882/4	Lab Control Sample	Total/NA	Water	300.0	
LCSD 860-96882/5	Lab Control Sample Dup	Total/NA	Water	300.0	
LLCS 860-96882/7	Lab Control Sample	Total/NA	Water	300.0	
880-26443-A-2 MS	Matrix Spike	Total/NA	Water	300.0	
880-26443-A-2 MSD	Matrix Spike Duplicate	Total/NA	Water	300.0	

Analysis Batch: 96883

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-26644-1	MW-3	Total/NA	Water	300.0	
880-26644-2	MW-2	Total/NA	Water	300.0	
880-26644-3	MW-1	Total/NA	Water	300.0	
880-26644-4	DUP-01	Total/NA	Water	300.0	
MB 860-96883/3	Method Blank	Total/NA	Water	300.0	
LCS 860-96883/4	Lab Control Sample	Total/NA	Water	300.0	
LCSD 860-96883/5	Lab Control Sample Dup	Total/NA	Water	300.0	
LLCS 860-96883/6	Lab Control Sample	Total/NA	Water	300.0	
880-26443-A-2 MS	Matrix Spike	Total/NA	Water	300.0	
880-26443-A-2 MSD	Matrix Spike Duplicate	Total/NA	Water	300.0	

Analysis Batch: 97026

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-26644-1 - DL	MW-3	Total/NA	Water	300.0	
880-26644-2 - DL	MW-2	Total/NA	Water	300.0	
880-26644-4 - DL	DUP-01	Total/NA	Water	300.0	
880-26644-4 - DL2	DUP-01	Total/NA	Water	300.0	
MB 860-97026/3	Method Blank	Total/NA	Water	300.0	
MB 860-97026/89	Method Blank	Total/NA	Water	300.0	
LCS 860-97026/4	Lab Control Sample	Total/NA	Water	300.0	
LCS 860-97026/90	Lab Control Sample	Total/NA	Water	300.0	
LCSD 860-97026/5	Lab Control Sample Dup	Total/NA	Water	300.0	
LCSD 860-97026/91	Lab Control Sample Dup	Total/NA	Water	300.0	
LLCS 860-97026/7	Lab Control Sample	Total/NA	Water	300.0	
880-26443-A-4 MS	Matrix Spike	Total/NA	Water	300.0	
880-26443-A-4 MSD	Matrix Spike Duplicate	Total/NA	Water	300.0	
880-26443-A-5 MS	Matrix Spike	Total/NA	Water	300.0	
880-26443-A-5 MSD	Matrix Spike Duplicate	Total/NA	Water	300.0	
870-15671-A-11 DU	Duplicate	Total/NA	Water	300.0	

Analysis Batch: 97027

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 860-97027/3	Method Blank	Total/NA	Water	300.0	
MB 860-97027/89	Method Blank	Total/NA	Water	300.0	
LCS 860-97027/4	Lab Control Sample	Total/NA	Water	300.0	
LCS 860-97027/90	Lab Control Sample	Total/NA	Water	300.0	
LCSD 860-97027/5	Lab Control Sample Dup	Total/NA	Water	300.0	
LCSD 860-97027/91	Lab Control Sample Dup	Total/NA	Water	300.0	
LLCS 860-97027/6	Lab Control Sample	Total/NA	Water	300.0	

Eurofins Midland

QC Association Summary

Client: TRC Solutions, Inc.
Project/Site: SRO 5 STATE 506 507

Job ID: 880-26644-1
SDG: Carlsbad NM

HPLC/IC (Continued)

Analysis Batch: 97027 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-26443-A-4 MS	Matrix Spike	Total/NA	Water	300.0	
880-26443-A-4 MSD	Matrix Spike Duplicate	Total/NA	Water	300.0	
880-26443-A-5 MS	Matrix Spike	Total/NA	Water	300.0	
880-26443-A-5 MSD	Matrix Spike Duplicate	Total/NA	Water	300.0	
870-15671-A-11 DU	Duplicate	Total/NA	Water	300.0	

Analysis Batch: 97209

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-26644-2 - DL2	MW-2	Total/NA	Water	300.0	
MB 860-97209/3	Method Blank	Total/NA	Water	300.0	
MB 860-97209/56	Method Blank	Total/NA	Water	300.0	
LCS 860-97209/57	Lab Control Sample	Total/NA	Water	300.0	
LCSD 860-97209/58	Lab Control Sample Dup	Total/NA	Water	300.0	
LLCS 860-97209/7	Lab Control Sample	Total/NA	Water	300.0	
880-26664-A-3 MS	Matrix Spike	Total/NA	Water	300.0	
880-26664-A-3 MSD	Matrix Spike Duplicate	Total/NA	Water	300.0	
870-15793-A-1 DU	Duplicate	Total/NA	Water	300.0	

Analysis Batch: 97210

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 860-97210/3	Method Blank	Total/NA	Water	300.0	
MB 860-97210/56	Method Blank	Total/NA	Water	300.0	
LCS 860-97210/57	Lab Control Sample	Total/NA	Water	300.0	
LCSD 860-97210/58	Lab Control Sample Dup	Total/NA	Water	300.0	
LLCS 860-97210/6	Lab Control Sample	Total/NA	Water	300.0	
880-26664-A-3 MS	Matrix Spike	Total/NA	Water	300.0	
880-26664-A-3 MSD	Matrix Spike Duplicate	Total/NA	Water	300.0	
870-15793-A-1 DU	Duplicate	Total/NA	Water	300.0	

Analysis Batch: 97816

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-26644-3	MW-1	Total/NA	Water	300.0	
880-26644-3 - DL	MW-1	Total/NA	Water	300.0	
MB 860-97816/132	Method Blank	Total/NA	Water	300.0	
MB 860-97816/20	Method Blank	Total/NA	Water	300.0	
MB 860-97816/59	Method Blank	Total/NA	Water	300.0	
LCS 860-97816/133	Lab Control Sample	Total/NA	Water	300.0	
LCS 860-97816/60	Lab Control Sample	Total/NA	Water	300.0	
LCSD 860-97816/134	Lab Control Sample Dup	Total/NA	Water	300.0	
LCSD 860-97816/61	Lab Control Sample Dup	Total/NA	Water	300.0	
LLCS 860-97816/24	Lab Control Sample	Total/NA	Water	300.0	
820-7832-A-6 MS	Matrix Spike	Total/NA	Water	300.0	
820-7832-A-6 MSD	Matrix Spike Duplicate	Total/NA	Water	300.0	
860-46019-A-1 MS	Matrix Spike	Total/NA	Water	300.0	
860-46019-A-1 MSD	Matrix Spike Duplicate	Total/NA	Water	300.0	

Analysis Batch: 97817

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 860-97817/132	Method Blank	Total/NA	Water	300.0	
MB 860-97817/20	Method Blank	Total/NA	Water	300.0	
MB 860-97817/59	Method Blank	Total/NA	Water	300.0	

Eurofins Midland

QC Association Summary

Client: TRC Solutions, Inc.
Project/Site: SRO 5 STATE 506 507

Job ID: 880-26644-1
SDG: Carlsbad NM

HPLC/IC (Continued)

Analysis Batch: 97817 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 860-97817/133	Lab Control Sample	Total/NA	Water	300.0	
LCS 860-97817/60	Lab Control Sample	Total/NA	Water	300.0	
LCSD 860-97817/134	Lab Control Sample Dup	Total/NA	Water	300.0	
LCSD 860-97817/61	Lab Control Sample Dup	Total/NA	Water	300.0	
LLCS 860-97817/23	Lab Control Sample	Total/NA	Water	300.0	
820-7832-A-6 MS	Matrix Spike	Total/NA	Water	300.0	
820-7832-A-6 MSD	Matrix Spike Duplicate	Total/NA	Water	300.0	
860-46019-A-1 MS	Matrix Spike	Total/NA	Water	300.0	
860-46019-A-1 MSD	Matrix Spike Duplicate	Total/NA	Water	300.0	

Metals

Filtration Batch: 97111

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-26644-1	MW-3	Dissolved	Water	Filtration	
880-26644-2	MW-2	Dissolved	Water	Filtration	
880-26644-3	MW-1	Dissolved	Water	Filtration	
880-26644-4	DUP-01	Dissolved	Water	Filtration	
MB 860-97111/1-C	Method Blank	Dissolved	Water	Filtration	
LCS 860-97111/2-C	Lab Control Sample	Dissolved	Water	Filtration	
LCSD 860-97111/3-C	Lab Control Sample Dup	Dissolved	Water	Filtration	

Prep Batch: 97188

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-26644-1	MW-3	Dissolved	Water	200.7	97111
880-26644-2	MW-2	Dissolved	Water	200.7	97111
880-26644-3	MW-1	Dissolved	Water	200.7	97111
880-26644-4	DUP-01	Dissolved	Water	200.7	97111
MB 860-97111/1-C	Method Blank	Dissolved	Water	200.7	97111
MB 860-97188/1-A	Method Blank	Total Recoverable	Water	200.7	
LCS 860-97111/2-C	Lab Control Sample	Dissolved	Water	200.7	97111
LCS 860-97188/2-A	Lab Control Sample	Total Recoverable	Water	200.7	
LCSD 860-97111/3-C	Lab Control Sample Dup	Dissolved	Water	200.7	97111
LCSD 860-97188/3-A	Lab Control Sample Dup	Total Recoverable	Water	200.7	
LLCS 860-97188/4-A	Lab Control Sample	Total Recoverable	Water	200.7	
860-46165-A-5-B MS	Matrix Spike	Total Recoverable	Water	200.7	
860-46187-A-1-B MS	Matrix Spike	Total Recoverable	Water	200.7	
860-46187-A-1-C MSD	Matrix Spike Duplicate	Total Recoverable	Water	200.7	

Analysis Batch: 97339

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-26644-1	MW-3	Dissolved	Water	200.7 Rev 4.4	97188
880-26644-1	MW-3	Dissolved	Water	200.7 Rev 4.4	97188
880-26644-2	MW-2	Dissolved	Water	200.7 Rev 4.4	97188
880-26644-2	MW-2	Dissolved	Water	200.7 Rev 4.4	97188
880-26644-3	MW-1	Dissolved	Water	200.7 Rev 4.4	97188
880-26644-3	MW-1	Dissolved	Water	200.7 Rev 4.4	97188
880-26644-4	DUP-01	Dissolved	Water	200.7 Rev 4.4	97188
880-26644-4	DUP-01	Dissolved	Water	200.7 Rev 4.4	97188
MB 860-97111/1-C	Method Blank	Dissolved	Water	200.7 Rev 4.4	97188
MB 860-97188/1-A	Method Blank	Total Recoverable	Water	200.7 Rev 4.4	97188

Eurofins Midland

QC Association Summary

Client: TRC Solutions, Inc.
Project/Site: SRO 5 STATE 506 507

Job ID: 880-26644-1
SDG: Carlsbad NM

Metals (Continued)

Analysis Batch: 97339 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 860-97111/2-C	Lab Control Sample	Dissolved	Water	200.7 Rev 4.4	97188
LCS 860-97188/2-A	Lab Control Sample	Total Recoverable	Water	200.7 Rev 4.4	97188
LCSD 860-97111/3-C	Lab Control Sample Dup	Dissolved	Water	200.7 Rev 4.4	97188
LCSD 860-97188/3-A	Lab Control Sample Dup	Total Recoverable	Water	200.7 Rev 4.4	97188
LLCS 860-97188/4-A	Lab Control Sample	Total Recoverable	Water	200.7 Rev 4.4	97188
860-46165-A-5-B MS	Matrix Spike	Total Recoverable	Water	200.7 Rev 4.4	97188
860-46187-A-1-B MS	Matrix Spike	Total Recoverable	Water	200.7 Rev 4.4	97188
860-46187-A-1-C MSD	Matrix Spike Duplicate	Total Recoverable	Water	200.7 Rev 4.4	97188

Analysis Batch: 97408

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-26644-1	MW-3	Dissolved	Water	200.7 Rev 4.4	97188
880-26644-2	MW-2	Dissolved	Water	200.7 Rev 4.4	97188
880-26644-3	MW-1	Dissolved	Water	200.7 Rev 4.4	97188
880-26644-4	DUP-01	Dissolved	Water	200.7 Rev 4.4	97188
MB 860-97111/1-C	Method Blank	Dissolved	Water	200.7 Rev 4.4	97188
MB 860-97188/1-A	Method Blank	Total Recoverable	Water	200.7 Rev 4.4	97188
LCS 860-97111/2-C	Lab Control Sample	Dissolved	Water	200.7 Rev 4.4	97188
LCS 860-97188/2-A	Lab Control Sample	Total Recoverable	Water	200.7 Rev 4.4	97188
LCSD 860-97111/3-C	Lab Control Sample Dup	Dissolved	Water	200.7 Rev 4.4	97188
LCSD 860-97188/3-A	Lab Control Sample Dup	Total Recoverable	Water	200.7 Rev 4.4	97188
LLCS 860-97188/4-A	Lab Control Sample	Total Recoverable	Water	200.7 Rev 4.4	97188
860-46165-A-5-B MS	Matrix Spike	Total Recoverable	Water	200.7 Rev 4.4	97188
860-46187-A-1-C MSD	Matrix Spike Duplicate	Total Recoverable	Water	200.7 Rev 4.4	97188

Analysis Batch: 97580

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-26644-1	MW-3	Total/NA	Water	SM 2340B	
880-26644-2	MW-2	Total/NA	Water	SM 2340B	
880-26644-3	MW-1	Total/NA	Water	SM 2340B	
880-26644-4	DUP-01	Total/NA	Water	SM 2340B	

General Chemistry

Analysis Batch: 97398

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-26644-1	MW-3	Total/NA	Water	SM 1030E	
880-26644-2	MW-2	Total/NA	Water	SM 1030E	
880-26644-3	MW-1	Total/NA	Water	SM 1030E	
880-26644-4	DUP-01	Total/NA	Water	SM 1030E	

Analysis Batch: 97426

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-26644-1	MW-3	Total/NA	Water	SM 4500 H+ B	
880-26644-2	MW-2	Total/NA	Water	SM 4500 H+ B	
880-26644-3	MW-1	Total/NA	Water	SM 4500 H+ B	
880-26644-4	DUP-01	Total/NA	Water	SM 4500 H+ B	
880-26644-4 DU	DUP-01	Total/NA	Water	SM 4500 H+ B	

Eurofins Midland

QC Association Summary

Client: TRC Solutions, Inc.
Project/Site: SRO 5 STATE 506 507

Job ID: 880-26644-1
SDG: Carlsbad NM

General Chemistry

Analysis Batch: 97465

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-26644-1	MW-3	Total/NA	Water	SM 2320B	
880-26644-2	MW-2	Total/NA	Water	SM 2320B	
880-26644-3	MW-1	Total/NA	Water	SM 2320B	
880-26644-4	DUP-01	Total/NA	Water	SM 2320B	
MB 860-97465/3	Method Blank	Total/NA	Water	SM 2320B	
LCS 860-97465/4	Lab Control Sample	Total/NA	Water	SM 2320B	
LCSD 860-97465/5	Lab Control Sample Dup	Total/NA	Water	SM 2320B	
880-26644-1 DU	MW-3	Total/NA	Water	SM 2320B	

Analysis Batch: 97683

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-26644-2	MW-2	Total/NA	Water	SM 2540C	
880-26644-3	MW-1	Total/NA	Water	SM 2540C	
880-26644-4	DUP-01	Total/NA	Water	SM 2540C	
MB 860-97683/1	Method Blank	Total/NA	Water	SM 2540C	
LCS 860-97683/2	Lab Control Sample	Total/NA	Water	SM 2540C	
LCSD 860-97683/3	Lab Control Sample Dup	Total/NA	Water	SM 2540C	
LLCS 860-97683/4	Lab Control Sample	Total/NA	Water	SM 2540C	
860-46055-A-1 DU	Duplicate	Total/NA	Water	SM 2540C	

Analysis Batch: 98265

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-26644-1	MW-3	Total/NA	Water	SM 2540C	
MB 860-98265/1	Method Blank	Total/NA	Water	SM 2540C	
LCS 860-98265/2	Lab Control Sample	Total/NA	Water	SM 2540C	
LCSD 860-98265/3	Lab Control Sample Dup	Total/NA	Water	SM 2540C	
LLCS 860-98265/4	Lab Control Sample	Total/NA	Water	SM 2540C	
860-46324-A-1 DU	Duplicate	Total/NA	Water	SM 2540C	

Lab Chronicle

Client: TRC Solutions, Inc.
Project/Site: SRO 5 STATE 506 507

Job ID: 880-26644-1
SDG: Carlsbad NM

Client Sample ID: MW-3

Lab Sample ID: 880-26644-1

Date Collected: 03/30/23 12:50

Matrix: Water

Date Received: 03/31/23 12:30

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			96882	04/01/23 17:48	W1N	EET HOU
Total/NA	Analysis	300.0		1			96883	04/01/23 17:48	W1N	EET HOU
Total/NA	Analysis	300.0	DL	10			97026	04/04/23 04:57	WP	EET HOU
Dissolved	Filtration	Filtration			250 mL	250 mL	97111	04/03/23 04:29	AGR	EET HOU
Dissolved	Prep	200.7			50 mL	50 mL	97188	04/04/23 12:00	MD	EET HOU
Dissolved	Analysis	200.7 Rev 4.4		1			97339	04/04/23 22:38	JDM	EET HOU
Dissolved	Filtration	Filtration			250 mL	250 mL	97111	04/03/23 04:29	AGR	EET HOU
Dissolved	Prep	200.7			50 mL	50 mL	97188	04/04/23 12:00	MD	EET HOU
Dissolved	Analysis	200.7 Rev 4.4		50			97339	04/04/23 22:48	JDM	EET HOU
Dissolved	Filtration	Filtration			250 mL	250 mL	97111	04/03/23 04:29	AGR	EET HOU
Dissolved	Prep	200.7			50 mL	50 mL	97188	04/04/23 12:00	MD	EET HOU
Dissolved	Analysis	200.7 Rev 4.4		50			97408	04/05/23 12:17	JDM	EET HOU
Total/NA	Analysis	SM 2340B		1			97580	04/06/23 11:15	JDM	EET HOU
Total/NA	Analysis	SM 1030E		1			97398	04/05/23 12:44	SC	EET HOU
Total/NA	Analysis	SM 2320B		1			97465	04/05/23 13:32	TL	EET HOU
Total/NA	Analysis	SM 2540C		1	10 mL	200 mL	98265	04/11/23 15:44	DR	EET HOU
Total/NA	Analysis	SM 4500 H+ B		1			97426	04/05/23 13:31	TL	EET HOU

Client Sample ID: MW-2

Lab Sample ID: 880-26644-2

Date Collected: 03/30/23 13:45

Matrix: Water

Date Received: 03/31/23 12:30

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			96882	04/01/23 17:54	W1N	EET HOU
Total/NA	Analysis	300.0		1			96883	04/01/23 17:54	W1N	EET HOU
Total/NA	Analysis	300.0	DL	10			97026	04/04/23 05:24	WP	EET HOU
Total/NA	Analysis	300.0	DL2	100			97209	04/04/23 23:58	WP	EET HOU
Dissolved	Filtration	Filtration			250 mL	250 mL	97111	04/03/23 04:29	AGR	EET HOU
Dissolved	Prep	200.7			50 mL	50 mL	97188	04/04/23 12:00	MD	EET HOU
Dissolved	Analysis	200.7 Rev 4.4		1			97339	04/04/23 22:41	JDM	EET HOU
Dissolved	Filtration	Filtration			250 mL	250 mL	97111	04/03/23 04:29	AGR	EET HOU
Dissolved	Prep	200.7			50 mL	50 mL	97188	04/04/23 12:00	MD	EET HOU
Dissolved	Analysis	200.7 Rev 4.4		50			97339	04/04/23 22:52	JDM	EET HOU
Dissolved	Filtration	Filtration			250 mL	250 mL	97111	04/03/23 04:29	AGR	EET HOU
Dissolved	Prep	200.7			50 mL	50 mL	97188	04/04/23 12:00	MD	EET HOU
Dissolved	Analysis	200.7 Rev 4.4		50			97408	04/05/23 12:20	JDM	EET HOU
Total/NA	Analysis	SM 2340B		1			97580	04/06/23 11:15	JDM	EET HOU
Total/NA	Analysis	SM 1030E		1			97398	04/05/23 12:44	SC	EET HOU
Total/NA	Analysis	SM 2320B		1			97465	04/05/23 13:57	TL	EET HOU
Total/NA	Analysis	SM 2540C		1	10 mL	200 mL	97683	04/06/23 06:53	DR	EET HOU
Total/NA	Analysis	SM 4500 H+ B		1			97426	04/05/23 13:33	TL	EET HOU

Eurofins Midland

Lab Chronicle

Client: TRC Solutions, Inc.
Project/Site: SRO 5 STATE 506 507

Job ID: 880-26644-1
SDG: Carlsbad NM

Client Sample ID: MW-1

Lab Sample ID: 880-26644-3

Date Collected: 03/30/23 15:00

Matrix: Water

Date Received: 03/31/23 12:30

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		10			96883	04/01/23 18:07	W1N	EET HOU
Total/NA	Analysis	300.0		10			97816	04/08/23 09:01	A1S	EET HOU
Total/NA	Analysis	300.0	DL	100			97816	04/08/23 09:08	A1S	EET HOU
Dissolved	Filtration	Filtration			250 mL	250 mL	97111	04/03/23 04:29	AGR	EET HOU
Dissolved	Prep	200.7			50 mL	50 mL	97188	04/04/23 12:01	MD	EET HOU
Dissolved	Analysis	200.7 Rev 4.4		1			97339	04/04/23 22:45	JDM	EET HOU
Dissolved	Filtration	Filtration			250 mL	250 mL	97111	04/03/23 04:29	AGR	EET HOU
Dissolved	Prep	200.7			50 mL	50 mL	97188	04/04/23 12:01	MD	EET HOU
Dissolved	Analysis	200.7 Rev 4.4		50			97339	04/04/23 22:56	JDM	EET HOU
Dissolved	Filtration	Filtration			250 mL	250 mL	97111	04/03/23 04:29	AGR	EET HOU
Dissolved	Prep	200.7			50 mL	50 mL	97188	04/04/23 12:01	MD	EET HOU
Dissolved	Analysis	200.7 Rev 4.4		50			97408	04/05/23 12:23	JDM	EET HOU
Total/NA	Analysis	SM 2340B		1			97580	04/06/23 11:15	JDM	EET HOU
Total/NA	Analysis	SM 1030E		1			97398	04/05/23 12:44	SC	EET HOU
Total/NA	Analysis	SM 2320B		1			97465	04/05/23 14:05	TL	EET HOU
Total/NA	Analysis	SM 2540C		1	10 mL	200 mL	97683	04/06/23 06:53	DR	EET HOU
Total/NA	Analysis	SM 4500 H+ B		1			97426	04/05/23 13:34	TL	EET HOU

Client Sample ID: DUP-01

Lab Sample ID: 880-26644-4

Date Collected: 03/30/23 00:00

Matrix: Water

Date Received: 03/31/23 12:30

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			96882	04/01/23 18:01	W1N	EET HOU
Total/NA	Analysis	300.0		1			96883	04/01/23 18:01	W1N	EET HOU
Total/NA	Analysis	300.0	DL	10			97026	04/04/23 03:54	WP	EET HOU
Total/NA	Analysis	300.0	DL2	100			97026	04/04/23 04:01	WP	EET HOU
Dissolved	Filtration	Filtration			250 mL	250 mL	97111	04/03/23 04:29	AGR	EET HOU
Dissolved	Prep	200.7			50 mL	50 mL	97188	04/04/23 12:01	MD	EET HOU
Dissolved	Analysis	200.7 Rev 4.4		1			97339	04/04/23 23:06	JDM	EET HOU
Dissolved	Filtration	Filtration			250 mL	250 mL	97111	04/03/23 04:29	AGR	EET HOU
Dissolved	Prep	200.7			50 mL	50 mL	97188	04/04/23 12:01	MD	EET HOU
Dissolved	Analysis	200.7 Rev 4.4		50			97339	04/04/23 23:10	JDM	EET HOU
Dissolved	Filtration	Filtration			250 mL	250 mL	97111	04/03/23 04:29	AGR	EET HOU
Dissolved	Prep	200.7			50 mL	50 mL	97188	04/04/23 12:01	MD	EET HOU
Dissolved	Analysis	200.7 Rev 4.4		50			97408	04/05/23 12:26	JDM	EET HOU
Total/NA	Analysis	SM 2340B		1			97580	04/06/23 11:15	JDM	EET HOU
Total/NA	Analysis	SM 1030E		1			97398	04/05/23 12:44	SC	EET HOU
Total/NA	Analysis	SM 2320B		1			97465	04/05/23 14:14	TL	EET HOU
Total/NA	Analysis	SM 2540C		1	10 mL	200 mL	97683	04/06/23 06:53	DR	EET HOU
Total/NA	Analysis	SM 4500 H+ B		1			97426	04/05/23 13:36	TL	EET HOU

Laboratory References:

EET HOU = Eurofins Houston, 4145 Greenbriar Dr, Stafford, TX 77477, TEL (281)240-4200

Eurofins Midland

Accreditation/Certification Summary

Client: TRC Solutions, Inc.
Project/Site: SRO 5 STATE 506 507

Job ID: 880-26644-1
SDG: Carlsbad NM

Laboratory: Eurofins Houston

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

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704215-23-50	06-30-23

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
200.7 Rev 4.4	200.7	Water	SiO2
SM 1030E		Water	Anion/Cation Balance
SM 2320B		Water	Bicarbonate Alkalinity as CaCO3
SM 2320B		Water	Carbonate Alkalinity as CaCO3
SM 2320B		Water	Hydroxide Alkalinity
SM 2320B		Water	Phenolphthalein Alkalinity
SM 4500 H+ B		Water	Temperature

Method Summary

Client: TRC Solutions, Inc.
Project/Site: SRO 5 STATE 506 507

Job ID: 880-26644-1
SDG: Carlsbad NM

Method	Method Description	Protocol	Laboratory
300.0	Anions, Ion Chromatography	EPA	EET HOU
200.7 Rev 4.4	Metals (ICP)	EPA	EET HOU
SM 2340B	Total Hardness (as CaCO3) by calculation	SM	EET HOU
SM 1030E	Cation Anion Balance	SM	EET HOU
SM 2320B	Alkalinity	SM	EET HOU
SM 2540C	Solids, Total Dissolved (TDS)	SM	EET HOU
SM 4500 H+ B	pH	SM	EET HOU
200.7	Preparation, Total Recoverable Metals	EPA	EET HOU
Filtration	Sample Filtration	None	EET HOU

Protocol References:

- EPA = US Environmental Protection Agency
- None = None
- SM = "Standard Methods For The Examination Of Water And Wastewater"

Laboratory References:

- EET HOU = Eurofins Houston, 4145 Greenbriar Dr, Stafford, TX 77477, TEL (281)240-4200

Sample Summary

Client: TRC Solutions, Inc.
Project/Site: SRO 5 STATE 506 507

Job ID: 880-26644-1
SDG: Carlsbad NM

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
880-26644-1	MW-3	Water	03/30/23 12:50	03/31/23 12:30
880-26644-2	MW-2	Water	03/30/23 13:45	03/31/23 12:30
880-26644-3	MW-1	Water	03/30/23 15:00	03/31/23 12:30
880-26644-4	DUP-01	Water	03/30/23 00:00	03/31/23 12:30

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



Environment Testing

Houston, TX (281) 240-4200, Dallas, TX (214) 902-0300
Midland, TX (432) 704-5440, San Antonio, TX (210) 509-3334
El Paso, TX (915) 585-3443 Lubbock, TX (806) 794-1296
Hobbs, NM (575) 392-7550 Carlsbad, NM (575) 988-3199

Chain of Custody

Work Order No: 20644

Project Manager	Jared Staffel	Bill to (if different)	TRC
Company Name	TRC Companies	Company Name:	-
Address	10 Delta Dr.	Address	-
City, State Zip	Midland, Tx. 79705	City, State Zip	-
Phone	(432) 236-3003	Email	Jared

www.xenco.com		Page _____ of _____
Work Order Comments		
Program:	UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐	
State of Project:		
Reporting Level II ☐ Level III ☐ PST/UST ☐ TRRP ☐ Level IV ☐		
Deliverables:	EDD ☐ ADaPT ☐ Other: _____	

[illegible]

Notice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Eurofins Xeno. Its affiliates and sub-contractors. It assigns standard terms and conditions of service. Eurofins Xeno will be liable only for the cost of samples and shall not assume any responsibility for any losses or expenses incurred by the client if such losses are due to circumstances beyond the control of Eurofins Xeno. A minimum charge of \$85.00 will be applied to each project and a charge of \$5 for each sample submitted to Eurofins Xeno, but not analyzed. These terms will be enforced unless previously negotiated.

Relinquished by (Signature)	Received by (Signature)	Date/Time	Relinquished by (Signature)	Received by (Signature)	Date/Time
1 <i>Aracelis G. Gaird</i>	<i>[Signature]</i>	05.31.25/1230	2		
3			4		
5			6		

Eurofins Midland

1211 W Florida Ave
Midland, TX 79701
Phone: 432-704-5440

Chain of Custody Record

 eurofins

Wm. E. McQuinn

Client Information (Sub Contract Lab)				Lab PM: Kramer Jessica E-Mail: Jessica.Kramer@et.eurofins.com		Carrier Tracking No(s): State of Origin: Texas		COC No: 880-8669-1 Page: Page 1 of 1 Job #: 880-26644-1	
Shipping/Receiving				Company: NELAP Texas Accreditations Required (See note):					
Company									
Address:									
City:									
State, Zip:									
Phone:									
Email:									
Project #:									
Site:									
Due Date Requested:									
TAT Requested (days):									
PO #:									
WO #:									
Project #:									
SSOW#:									
Sample Identification Client ID (Lab ID)									
Sample Date									
Sample Time									
Sample Type (C=Comp, G=grab)									
Matrix (Water, Solid, Overhaul, etc.)									
Preservation Code									
Field Filtered Sample (Yes or No)									
Perform MS/MSD (Yes or No)									
2540C, Calcd									
Calcd, Anion									
SM4500_H+ pH and Temperature									
2320B									
300_ORGFM_28D (MOD) Chloride & Fluoride									
300_ORGFM_Nitrate and Nitrite as N									
SM2340B_ICPMS									
200_Titration_ME (MOD) Custom List									
Total Number of containers									
Special Instructions/Note:									
Preservation Codes:									
A HCL									
B NaOH									
C Zn Acetate									
D Nitric Acid									
E NaHSO4									
F MeOH									
G Amchlor									
H Ascorbic Acid									
I Ice									
J DI Water									
K EDTA									
L EDA									
Other									
M Hexane									
N None									
O AsNaO2									
P Na2OAS									
Q Na2SO3									
R Na2SO4									
S H2SO4									
T TSP Dodecylhydrate									
U Acetone									
V MCAA									
W pH 4-5									
Y Tizma									
Z other (specify)									

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

Possible Hazard Identification			
Unconfirmed			
Deliverable Requested: I II III IV Other (specify) _____			
Primary Deliverable Rank: 2			
Date: _____			
Empty Kit Relinquished by: _____			
Relinquished by: _____			
Relinquished by: _____			
Relinquished by: _____			
Custody Seals Intact: _____			
Custody Seal No: _____			

Time: _____		Method of Shipment: _____	
Received by: _____		Date/Time: _____	
Received by: _____		Date/Time: _____	
Received by: _____		Date/Time: _____	

Special Instructions/OC Requirements:

☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

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

Login Sample Receipt Checklist

Client: TRC Solutions, Inc.

Job Number: 880-26644-1

SDG Number: Carlsbad NM

Login Number: 26644

List Number: 1

Creator: Kramer, Jessica

List Source: Eurofins Midland

Question	Answer	Comment
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	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	False	Received Trip Blank(s) not listed on COC.
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	

Login Sample Receipt Checklist

Client: TRC Solutions, Inc.

Job Number: 880-26644-1

SDG Number: Carlsbad NM

Login Number: 26644

List Number: 2

Creator: Pena, Jesiel

List Source: Eurofins Houston

List Creation: 04/01/23 03:17 PM

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



Environment Testing

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

ANALYTICAL REPORT

PREPARED FOR

Attn: Jared Stoffel
TRC Solutions, Inc.
10 Desta Drive
Suite #130E
Midland, Texas 79705

Generated 9/28/2023 5:28:48 PM

JOB DESCRIPTION

SRO 5 State 506/507
SDG NUMBER Rural Eddy County, NM

JOB NUMBER

880-33303-1

Eurofins Midland
1211 W. Florida Ave
Midland TX 79701

Eurofins Midland

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.

Analytical test results meet all requirements of the associated regulatory program (i.e., NELAC (TNI), DoD, and ISO 17025) unless otherwise noted under the individual analysis.

Authorization



Generated
9/28/2023 5:28:48 PM

Authorized for release by
Jessica Kramer, Project Manager
Jessica.Kramer@et.eurofinsus.com
(432)704-5440

Client: TRC Solutions, Inc.
Project/Site: SRO 5 State 506/507

Laboratory Job ID: 880-33303-1
SDG: Rural Eddy County, NM

Table of Contents

Cover Page	1
Table of Contents	3
Definitions/Glossary	4
Case Narrative	5
Client Sample Results	6
QC Sample Results	13
QC Association Summary	19
Lab Chronicle	23
Certification Summary	27
Method Summary	28
Sample Summary	29
Chain of Custody	30
Receipt Checklists	32

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

Definitions/Glossary

Client: TRC Solutions, Inc.
Project/Site: SRO 5 State 506/507

Job ID: 880-33303-1
SDG: Rural Eddy County, NM

Qualifiers

HPLC/IC

Qualifier	Qualifier Description
F1	MS and/or MSD recovery 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.

Metals

Qualifier	Qualifier Description
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.
E	Result exceeded calibration range.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
U	Indicates the analyte was analyzed for but not detected.

General Chemistry

Qualifier	Qualifier Description
HF	Parameter with a holding time of 15 minutes. Test performed by laboratory at client's request. Sample was analyzed outside of hold time.
U	Indicates the analyte was analyzed for but not detected.

Glossary

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

Case Narrative

Client: TRC Solutions, Inc.
Project/Site: SRO 5 State 506/507

Job ID: 880-33303-1
SDG: Rural Eddy County, NM

Job ID: 880-33303-1

Laboratory: Eurofins Midland

Narrative**Job Narrative
880-33303-1**

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers are applied to indicate exceptions. Noncompliant quality control (QC) is further explained in narrative comments.

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

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

Receipt

The samples were received on 9/15/2023 8:00 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 0.2°C

HPLC/IC

Method 300_ORGFM_28D: The instrument blank/CCB for analytical batch 860-121974 contained Chloride greater than the method detection limit (MDL), and were not reanalyzed because associated sample(s) results were greater than 10X the value found in the instrument blank/CCB. The data have been reported.

Method 300_ORGFM_28D: The instrument blank/CCB for analytical batch 860-121974 contained Fluoride greater than the method detection limit (MDL), and were not reanalyzed because none of the samples associated with this instrument blank/CCB contained the target compound. The data have been reported.

Method 300_ORGFMS: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for analytical batch 860-121975 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 / laboratory control sample duplicate (LCS/LCSD) recovery is within acceptance limits.

Method 300_ORGFMS: The following samples were received outside of holding time: MW-02 (880-33303-2) and MW-03 (880-33303-3).

Method 300_ORGFMS: The following samples were received outside of holding time: MW-01 (880-33303-1), MW-04 (880-33303-4), MW-05 (880-33303-5), MW-06 (880-33303-6), EB-09-13-23 (880-33303-7) and Duplicate-01 (880-33303-8).

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

Metals

Method 200.7: Due to the high concentration of Calcium and Sodium, the matrix spike (MS) for preparation batch 860-122879 and analytical batch 860-123181 could not be evaluated for accuracy. The associated laboratory control sample (LCS) met acceptance criteria.

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

General Chemistry

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

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: SRO 5 State 506/507

Job ID: 880-33303-1
SDG: Rural Eddy County, NM

Client Sample ID: MW-01
Date Collected: 09/13/23 13:22
Date Received: 09/15/23 08:00

Lab Sample ID: 880-33303-1
Matrix: Water

Method: EPA 300.0 - Anions, Ion Chromatography									
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil	Fac
Chloride	2570		5.00	mg/L			09/16/23 22:30	10	
Nitrate as N	0.102	H	0.100	mg/L			09/16/23 20:49	1	
Fluoride	1.18		0.500	mg/L			09/16/23 20:49	1	
Nitrite as N	<0.100	U H	0.100	mg/L			09/16/23 20:49	1	
Sulfate	3730		5.00	mg/L			09/16/23 22:30	10	

Method: EPA 200.7 Rev 4.4 - Metals (ICP) - Dissolved									
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil	Fac
Calcium	795		10.0	mg/L		09/22/23 03:20	09/22/23 19:02	50	
Magnesium	595		10.0	mg/L		09/22/23 03:20	09/22/23 19:02	50	
Potassium	38.1		0.500	mg/L		09/22/23 03:20	09/22/23 18:51	1	
Sodium	2150		25.0	mg/L		09/22/23 03:20	09/22/23 19:02	50	
SiO2	24.6		1.07	mg/L		09/22/23 03:20	09/22/23 18:51	1	

Method: SM 2340B - Total Hardness (as CaCO3) by calculation									
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil	Fac
Hardness as calcium carbonate	4440		0.100	mg/L			09/26/23 12:25	1	
Calcium hardness as calcium carbonate	1990		0.100	mg/L			09/26/23 12:25	1	
Magnesium hardness as calcium carbonate	2450		0.100	mg/L			09/26/23 12:25	1	

General Chemistry									
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil	Fac
Anion/Cation Balance (SM 1030E)	7.77			%			09/17/23 08:15	1	
Alkalinity (SM 2320B)	285		4.00	mg/L			09/20/23 13:16	1	
Bicarbonate Alkalinity as CaCO3 (SM 2320B)	285		4.00	mg/L			09/20/23 13:16	1	
Carbonate Alkalinity as CaCO3 (SM 2320B)	<4.00	U	4.00	mg/L			09/20/23 13:16	1	
Hydroxide Alkalinity (SM 2320B)	<4.00	U	4.00	mg/L			09/20/23 13:16	1	
Phenolphthalein Alkalinity (SM 2320B)	<4.00	U	4.00	mg/L			09/20/23 13:16	1	
Total Dissolved Solids (SM 2540C)	10600		100	mg/L			09/20/23 09:35	1	
pH (SM 4500 H+ B)	7.0	HF		SU			09/19/23 13:12	1	
Temperature (SM 4500 H+ B)	18.2	HF		Degrees C			09/19/23 13:12	1	

Client Sample ID: MW-02
Date Collected: 09/13/23 12:20
Date Received: 09/15/23 08:00

Lab Sample ID: 880-33303-2
Matrix: Water

Method: EPA 300.0 - Anions, Ion Chromatography									
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil	Fac
Chloride	1050		5.00	mg/L			09/16/23 21:23	10	
Nitrate as N	0.922	H	0.100	mg/L			09/16/23 19:42	1	
Fluoride	<0.500	U	0.500	mg/L			09/16/23 19:42	1	
Nitrite as N	<0.100	U H	0.100	mg/L			09/16/23 19:42	1	
Sulfate	3010		5.00	mg/L			09/16/23 21:23	10	

Method: EPA 200.7 Rev 4.4 - Metals (ICP) - Dissolved									
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil	Fac
Calcium	725		10.0	mg/L		09/22/23 03:20	09/22/23 19:09	50	
Magnesium	409		10.0	mg/L		09/22/23 03:20	09/22/23 19:09	50	

Eurofins Midland

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: SRO 5 State 506/507

Job ID: 880-33303-1
SDG: Rural Eddy County, NM

Client Sample ID: MW-02

Lab Sample ID: 880-33303-2

Date Collected: 09/13/23 12:20

Matrix: Water

Date Received: 09/15/23 08:00

Method: EPA 200.7 Rev 4.4 - Metals (ICP) - Dissolved (Continued)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Potassium	19.4		0.500	mg/L		09/22/23 03:20	09/22/23 18:55	1
Sodium	1200		25.0	mg/L		09/22/23 03:20	09/22/23 19:09	50
SiO2	34.5		1.07	mg/L		09/22/23 03:20	09/22/23 18:55	1

Method: SM 2340B - Total Hardness (as CaCO3) by calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Hardness as calcium carbonate	3490		0.100	mg/L			09/26/23 12:25	1
Calcium hardness as calcium carbonate	1810		0.100	mg/L			09/26/23 12:25	1
Magnesium hardness as calcium carbonate	1680		0.100	mg/L			09/26/23 12:25	1

General Chemistry

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Anion/Cation Balance (SM 1030E)	11.0			%			09/17/23 08:15	1
Alkalinity (SM 2320B)	239		4.00	mg/L			09/20/23 13:24	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B)	239		4.00	mg/L			09/20/23 13:24	1
Carbonate Alkalinity as CaCO3 (SM 2320B)	<4.00	U	4.00	mg/L			09/20/23 13:24	1
Hydroxide Alkalinity (SM 2320B)	<4.00	U	4.00	mg/L			09/20/23 13:24	1
Phenolphthalein Alkalinity (SM 2320B)	<4.00	U	4.00	mg/L			09/20/23 13:24	1
Total Dissolved Solids (SM 2540C)	5610		40.0	mg/L			09/20/23 09:35	1
pH (SM 4500 H+ B)	7.1	HF		SU			09/19/23 13:13	1
Temperature (SM 4500 H+ B)	18.2	HF		Degrees C			09/19/23 13:13	1

Client Sample ID: MW-03

Lab Sample ID: 880-33303-3

Date Collected: 09/13/23 10:55

Matrix: Water

Date Received: 09/15/23 08:00

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	224		0.500	mg/L			09/16/23 19:50	1
Nitrate as N	0.890	H	0.100	mg/L			09/16/23 19:50	1
Fluoride	<0.500	U	0.500	mg/L			09/16/23 19:50	1
Nitrite as N	<0.100	U H	0.100	mg/L			09/16/23 19:50	1
Sulfate	1830		5.00	mg/L			09/16/23 21:31	10

Method: EPA 200.7 Rev 4.4 - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Calcium	740		10.0	mg/L		09/22/23 03:20	09/22/23 19:12	50
Magnesium	128		10.0	mg/L		09/22/23 03:20	09/22/23 19:12	50
Potassium	15.6		0.500	mg/L		09/22/23 03:20	09/22/23 18:58	1
Sodium	264		25.0	mg/L		09/22/23 03:20	09/22/23 19:12	50
SiO2	30.0		1.07	mg/L		09/22/23 03:20	09/22/23 18:58	1

Method: SM 2340B - Total Hardness (as CaCO3) by calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Hardness as calcium carbonate	2370		0.100	mg/L			09/26/23 12:25	1
Calcium hardness as calcium carbonate	1850		0.100	mg/L			09/26/23 12:25	1

Eurofins Midland

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: SRO 5 State 506/507

Job ID: 880-33303-1
SDG: Rural Eddy County, NM

Client Sample ID: MW-03
Date Collected: 09/13/23 10:55
Date Received: 09/15/23 08:00

Lab Sample ID: 880-33303-3
Matrix: Water

Method: SM 2340B - Total Hardness (as CaCO3) by calculation (Continued)									
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac	
Magnesium hardness as calcium carbonate	527		0.100	mg/L			09/26/23 12:25	1	
General Chemistry									
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac	
Anion/Cation Balance (SM 1030E)	9.61			%			09/17/23 08:15	1	
Alkalinity (SM 2320B)	173		4.00	mg/L			09/20/23 13:33	1	
Bicarbonate Alkalinity as CaCO3 (SM 2320B)	173		4.00	mg/L			09/20/23 13:33	1	
Carbonate Alkalinity as CaCO3 (SM 2320B)	<4.00	U	4.00	mg/L			09/20/23 13:33	1	
Hydroxide Alkalinity (SM 2320B)	<4.00	U	4.00	mg/L			09/20/23 13:33	1	
Phenolphthalein Alkalinity (SM 2320B)	<4.00	U	4.00	mg/L			09/20/23 13:33	1	
Total Dissolved Solids (SM 2540C)	3120		20.0	mg/L			09/20/23 09:35	1	
pH (SM 4500 H+ B)	7.2	HF		SU			09/19/23 13:16	1	
Temperature (SM 4500 H+ B)	17.9	HF		Degrees C			09/19/23 13:16	1	

Client Sample ID: MW-04
Date Collected: 09/13/23 15:57
Date Received: 09/15/23 08:00

Lab Sample ID: 880-33303-4
Matrix: Water

Method: EPA 300.0 - Anions, Ion Chromatography									
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac	
Chloride	228		0.500	mg/L			09/16/23 20:16	1	
Nitrate as N	0.937	H	0.100	mg/L			09/16/23 20:16	1	
Fluoride	<0.500	U	0.500	mg/L			09/16/23 20:16	1	
Nitrite as N	<0.100	U H	0.100	mg/L			09/16/23 20:16	1	
Sulfate	1880		5.00	mg/L			09/16/23 21:57	10	

Method: EPA 200.7 Rev 4.4 - Metals (ICP) - Dissolved									
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac	
Calcium	685		10.0	mg/L		09/22/23 03:20	09/22/23 19:41	50	
Magnesium	128		10.0	mg/L		09/22/23 03:20	09/22/23 19:41	50	
Potassium	15.2		0.500	mg/L		09/22/23 03:20	09/22/23 19:23	1	
Sodium	298		25.0	mg/L		09/22/23 03:20	09/22/23 19:41	50	
SiO2	29.1		1.07	mg/L		09/22/23 03:20	09/22/23 19:23	1	

Method: SM 2340B - Total Hardness (as CaCO3) by calculation									
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac	
Hardness as calcium carbonate	2240		0.100	mg/L			09/26/23 12:25	1	
Calcium hardness as calcium carbonate	1710		0.100	mg/L			09/26/23 12:25	1	
Magnesium hardness as calcium carbonate	527		0.100	mg/L			09/26/23 12:25	1	

General Chemistry									
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac	
Anion/Cation Balance (SM 1030E)	7.48			%			09/17/23 08:15	1	
Alkalinity (SM 2320B)	169		4.00	mg/L			09/20/23 13:56	1	
Bicarbonate Alkalinity as CaCO3 (SM 2320B)	169		4.00	mg/L			09/20/23 13:56	1	
Carbonate Alkalinity as CaCO3 (SM 2320B)	<4.00	U	4.00	mg/L			09/20/23 13:56	1	

Eurofins Midland

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: SRO 5 State 506/507

Job ID: 880-33303-1
SDG: Rural Eddy County, NM

Client Sample ID: MW-04

Lab Sample ID: 880-33303-4

Date Collected: 09/13/23 15:57

Matrix: Water

Date Received: 09/15/23 08:00

General Chemistry (Continued)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Hydroxide Alkalinity (SM 2320B)	<4.00	U	4.00	mg/L			09/20/23 13:56	1
Phenolphthalein Alkalinity (SM 2320B)	<4.00	U	4.00	mg/L			09/20/23 13:56	1
Total Dissolved Solids (SM 2540C)	3440		20.0	mg/L			09/20/23 09:35	1
pH (SM 4500 H+ B)	7.3	HF		SU			09/19/23 13:19	1
Temperature (SM 4500 H+ B)	17.6	HF		Degrees C			09/19/23 13:19	1

Client Sample ID: MW-05

Lab Sample ID: 880-33303-5

Date Collected: 09/13/23 17:03

Matrix: Water

Date Received: 09/15/23 08:00

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	499		0.500	mg/L			09/16/23 20:24	1
Nitrate as N	1.37	H	0.100	mg/L			09/16/23 20:24	1
Fluoride	<0.500	U	0.500	mg/L			09/16/23 20:24	1
Nitrite as N	<0.100	U H	0.100	mg/L			09/16/23 20:24	1
Sulfate	1990		5.00	mg/L			09/16/23 22:05	10

Method: EPA 200.7 Rev 4.4 - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Calcium	690		10.0	mg/L		09/22/23 03:20	09/22/23 19:45	50
Magnesium	160		10.0	mg/L		09/22/23 03:20	09/22/23 19:45	50
Potassium	17.1		0.500	mg/L		09/22/23 03:20	09/22/23 19:27	1
Sodium	455		25.0	mg/L		09/22/23 03:20	09/22/23 19:45	50
SiO2	27.4		1.07	mg/L		09/22/23 03:20	09/22/23 19:27	1

Method: SM 2340B - Total Hardness (as CaCO3) by calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Hardness as calcium carbonate	2380		0.100	mg/L			09/26/23 12:25	1
Calcium hardness as calcium carbonate	1720		0.100	mg/L			09/26/23 12:25	1
Magnesium hardness as calcium carbonate	659		0.100	mg/L			09/26/23 12:25	1

General Chemistry

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Anion/Cation Balance (SM 1030E)	5.96			%			09/17/23 08:15	1
Alkalinity (SM 2320B)	184		4.00	mg/L			09/20/23 14:04	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B)	184		4.00	mg/L			09/20/23 14:04	1
Carbonate Alkalinity as CaCO3 (SM 2320B)	<4.00	U	4.00	mg/L			09/20/23 14:04	1
Hydroxide Alkalinity (SM 2320B)	<4.00	U	4.00	mg/L			09/20/23 14:04	1
Phenolphthalein Alkalinity (SM 2320B)	<4.00	U	4.00	mg/L			09/20/23 14:04	1
Total Dissolved Solids (SM 2540C)	3470		40.0	mg/L			09/20/23 09:35	1
pH (SM 4500 H+ B)	7.3	HF		SU			09/19/23 13:21	1
Temperature (SM 4500 H+ B)	17.6	HF		Degrees C			09/19/23 13:21	1

Eurofins Midland

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: SRO 5 State 506/507

Job ID: 880-33303-1
SDG: Rural Eddy County, NM

Client Sample ID: MW-06
Date Collected: 09/13/23 19:00
Date Received: 09/15/23 08:00

Lab Sample ID: 880-33303-6
Matrix: Water

Method: EPA 300.0 - Anions, Ion Chromatography									
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac	
Chloride	4220		5.00	mg/L			09/16/23 22:39	10	
Nitrate as N	0.244	H	0.100	mg/L			09/16/23 20:58	1	
Fluoride	1.37		0.500	mg/L			09/16/23 20:58	1	
Nitrite as N	<0.100	U H	0.100	mg/L			09/16/23 20:58	1	
Sulfate	3990		5.00	mg/L			09/16/23 22:39	10	
Method: EPA 200.7 Rev 4.4 - Metals (ICP) - Dissolved									
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac	
Calcium	835		10.0	mg/L		09/22/23 03:20	09/22/23 19:48	50	
Magnesium	855		10.0	mg/L		09/22/23 03:20	09/22/23 19:48	50	
Potassium	36.5		0.500	mg/L		09/22/23 03:20	09/22/23 19:30	1	
Sodium	3200		25.0	mg/L		09/22/23 03:20	09/22/23 19:48	50	
SiO2	19.3		1.07	mg/L		09/22/23 03:20	09/22/23 19:30	1	
Method: SM 2340B - Total Hardness (as CaCO3) by calculation									
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac	
Hardness as calcium carbonate	5610		0.100	mg/L			09/26/23 12:25	1	
Calcium hardness as calcium carbonate	2080		0.100	mg/L			09/26/23 12:25	1	
Magnesium hardness as calcium carbonate	3520		0.100	mg/L			09/26/23 12:25	1	
General Chemistry									
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac	
Anion/Cation Balance (SM 1030E)	9.80			%			09/17/23 08:15	1	
Alkalinity (SM 2320B)	216		4.00	mg/L			09/20/23 14:12	1	
Bicarbonate Alkalinity as CaCO3 (SM 2320B)	216		4.00	mg/L			09/20/23 14:12	1	
Carbonate Alkalinity as CaCO3 (SM 2320B)	<4.00	U	4.00	mg/L			09/20/23 14:12	1	
Hydroxide Alkalinity (SM 2320B)	<4.00	U	4.00	mg/L			09/20/23 14:12	1	
Phenolphthalein Alkalinity (SM 2320B)	<4.00	U	4.00	mg/L			09/20/23 14:12	1	
Total Dissolved Solids (SM 2540C)	14200		100	mg/L			09/20/23 09:35	1	
pH (SM 4500 H+ B)	7.3	HF		SU			09/19/23 13:22	1	
Temperature (SM 4500 H+ B)	17.7	HF		Degrees C			09/19/23 13:22	1	

Client Sample ID: EB-09-13-23
Date Collected: 09/13/23 18:30
Date Received: 09/15/23 08:00

Lab Sample ID: 880-33303-7
Matrix: Water

Method: EPA 300.0 - Anions, Ion Chromatography									
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac	
Chloride	<0.500	U	0.500	mg/L			09/16/23 20:32	1	
Nitrate as N	0.101	H	0.100	mg/L			09/16/23 20:32	1	
Fluoride	<0.500	U	0.500	mg/L			09/16/23 20:32	1	
Nitrite as N	<0.100	U H	0.100	mg/L			09/16/23 20:32	1	
Sulfate	0.558		0.500	mg/L			09/16/23 20:32	1	
Method: EPA 200.7 Rev 4.4 - Metals (ICP) - Dissolved									
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac	
Calcium	<0.200	U	0.200	mg/L		09/22/23 03:20	09/22/23 19:34	1	
Magnesium	<0.200	U	0.200	mg/L		09/22/23 03:20	09/22/23 19:34	1	

Eurofins Midland

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: SRO 5 State 506/507

Job ID: 880-33303-1
SDG: Rural Eddy County, NM

Client Sample ID: EB-09-13-23
Date Collected: 09/13/23 18:30
Date Received: 09/15/23 08:00

Lab Sample ID: 880-33303-7
Matrix: Water

Method: EPA 200.7 Rev 4.4 - Metals (ICP) - Dissolved (Continued)									
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac	
Potassium	<0.500	U	0.500	mg/L		09/22/23 03:20	09/22/23 19:34	1	
Sodium	<0.500	U	0.500	mg/L		09/22/23 03:20	09/25/23 15:23	1	
SiO2	<1.07	U	1.07	mg/L		09/22/23 03:20	09/22/23 19:34	1	

Method: SM 2340B - Total Hardness (as CaCO3) by calculation									
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac	
Hardness as calcium carbonate	<0.100	U	0.100	mg/L			09/26/23 12:25	1	
Calcium hardness as calcium carbonate	<0.100	U	0.100	mg/L			09/26/23 12:25	1	
Magnesium hardness as calcium carbonate	<0.100	U	0.100	mg/L			09/26/23 12:25	1	

General Chemistry									
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac	
Anion/Cation Balance (SM 1030E)	-100			%			09/17/23 08:15	1	
Alkalinity (SM 2320B)	<4.00	U	4.00	mg/L			09/20/23 14:20	1	
Bicarbonate Alkalinity as CaCO3 (SM 2320B)	<4.00	U	4.00	mg/L			09/20/23 14:20	1	
Carbonate Alkalinity as CaCO3 (SM 2320B)	<4.00	U	4.00	mg/L			09/20/23 14:20	1	
Hydroxide Alkalinity (SM 2320B)	<4.00	U	4.00	mg/L			09/20/23 14:20	1	
Phenolphthalein Alkalinity (SM 2320B)	<4.00	U	4.00	mg/L			09/20/23 14:20	1	
Total Dissolved Solids (SM 2540C)	<5.00	U	5.00	mg/L			09/20/23 09:35	1	
pH (SM 4500 H+ B)	5.4	HF		SU			09/19/23 13:24	1	
Temperature (SM 4500 H+ B)	17.7	HF		Degrees C			09/19/23 13:24	1	

Client Sample ID: Duplicate-01
Date Collected: 09/13/23 00:00
Date Received: 09/15/23 08:00

Lab Sample ID: 880-33303-8
Matrix: Water

Method: EPA 300.0 - Anions, Ion Chromatography									
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac	
Chloride	1030		5.00	mg/L			09/16/23 22:22	10	
Nitrate as N	1.03	H	0.100	mg/L			09/16/23 20:41	1	
Fluoride	<0.500	U	0.500	mg/L			09/16/23 20:41	1	
Nitrite as N	<0.100	U H	0.100	mg/L			09/16/23 20:41	1	
Sulfate	2970		5.00	mg/L			09/16/23 22:22	10	

Method: EPA 200.7 Rev 4.4 - Metals (ICP) - Dissolved									
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac	
Calcium	645		10.0	mg/L		09/22/23 03:20	09/22/23 19:55	50	
Magnesium	361		10.0	mg/L		09/22/23 03:20	09/22/23 19:55	50	
Potassium	17.2		0.500	mg/L		09/22/23 03:20	09/22/23 19:37	1	
Sodium	1070		25.0	mg/L		09/22/23 03:20	09/22/23 19:55	50	
SiO2	32.7		1.07	mg/L		09/22/23 03:20	09/22/23 19:37	1	

Method: SM 2340B - Total Hardness (as CaCO3) by calculation									
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac	
Hardness as calcium carbonate	3100		0.100	mg/L			09/26/23 12:25	1	
Calcium hardness as calcium carbonate	1610		0.100	mg/L			09/26/23 12:25	1	

Eurofins Midland

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: SRO 5 State 506/507

Job ID: 880-33303-1
SDG: Rural Eddy County, NM

Client Sample ID: Duplicate-01
Date Collected: 09/13/23 00:00
Date Received: 09/15/23 08:00

Lab Sample ID: 880-33303-8
Matrix: Water

Method: SM 2340B - Total Hardness (as CaCO3) by calculation (Continued)									
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil	Fac
Magnesium hardness as calcium carbonate	1490		0.100	mg/L			09/26/23 12:25	1	
General Chemistry									
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil	Fac
Anion/Cation Balance (SM 1030E)	5.89			%			09/17/23 08:15	1	
Alkalinity (SM 2320B)	232		4.00	mg/L			09/20/23 14:29	1	
Bicarbonate Alkalinity as CaCO3 (SM 2320B)	232		4.00	mg/L			09/20/23 14:29	1	
Carbonate Alkalinity as CaCO3 (SM 2320B)	<4.00	U	4.00	mg/L			09/20/23 14:29	1	
Hydroxide Alkalinity (SM 2320B)	<4.00	U	4.00	mg/L			09/20/23 14:29	1	
Phenolphthalein Alkalinity (SM 2320B)	<4.00	U	4.00	mg/L			09/20/23 14:29	1	
Total Dissolved Solids (SM 2540C)	6070		40.0	mg/L			09/20/23 09:35	1	
pH (SM 4500 H+ B)	7.1	HF		SU			09/19/23 13:25	1	
Temperature (SM 4500 H+ B)	17.5	HF		Degrees C			09/19/23 13:25	1	

QC Sample Results

Client: TRC Solutions, Inc.
Project/Site: SRO 5 State 506/507

Job ID: 880-33303-1
SDG: Rural Eddy County, NM

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 860-121974/3

Matrix: Water

Analysis Batch: 121974

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.500	U	0.500	mg/L			09/16/23 18:43	1
Fluoride	<0.500	U	0.500	mg/L			09/16/23 18:43	1
Sulfate	<0.500	U	0.500	mg/L			09/16/23 18:43	1

Lab Sample ID: LCS 860-121974/4

Matrix: Water

Analysis Batch: 121974

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	10.0	9.832		mg/L		98	90 - 110
Fluoride	10.0	10.04		mg/L		100	90 - 110
Sulfate	10.0	9.724		mg/L		97	90 - 110

Lab Sample ID: LCSD 860-121974/5

Matrix: Water

Analysis Batch: 121974

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	10.0	9.843		mg/L		98	90 - 110	0	20
Fluoride	10.0	10.10		mg/L		101	90 - 110	1	20
Sulfate	10.0	9.742		mg/L		97	90 - 110	0	20

Lab Sample ID: LLCS 860-121974/7

Matrix: Water

Analysis Batch: 121974

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	0.500	0.5456		mg/L		109	50 - 150
Fluoride	0.500	0.4855	J	mg/L		97	50 - 150
Sulfate	0.500	0.4871	J	mg/L		97	50 - 150

Lab Sample ID: 870-20742-F-1 MS

Matrix: Water

Analysis Batch: 121974

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	9.95		10.0	19.30		mg/L		93	90 - 110
Fluoride	<0.500	U	10.0	10.04		mg/L		99	90 - 110
Sulfate	38.0		10.0	47.23		mg/L		92	90 - 110

Lab Sample ID: 870-20742-F-1 MSD

Matrix: Water

Analysis Batch: 121974

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	9.95		10.0	19.22		mg/L		93	90 - 110	0	15
Fluoride	<0.500	U	10.0	10.06		mg/L		100	90 - 110	0	15
Sulfate	38.0		10.0	47.25		mg/L		92	90 - 110	0	15

Eurofins Midland

QC Sample Results

Client: TRC Solutions, Inc.
Project/Site: SRO 5 State 506/507

Job ID: 880-33303-1
SDG: Rural Eddy County, NM

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: MB 860-121975/3

Matrix: Water

Analysis Batch: 121975

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate as N	<0.100	U	0.100	mg/L			09/16/23 18:43	1
Nitrite as N	<0.100	U	0.100	mg/L			09/16/23 18:43	1

Lab Sample ID: LCS 860-121975/4

Matrix: Water

Analysis Batch: 121975

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	10.0	9.848		mg/L		98	80 - 120
Nitrite as N	10.0	9.704		mg/L		97	80 - 120

Lab Sample ID: LCSD 860-121975/5

Matrix: Water

Analysis Batch: 121975

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	10.0	9.866		mg/L		99	80 - 120	0	20
Nitrite as N	10.0	9.737		mg/L		97	80 - 120	0	20

Lab Sample ID: LLCS 860-121975/6

Matrix: Water

Analysis Batch: 121975

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
Nitrate as N	0.100	0.06167	J	mg/L		62	50 - 150
Nitrite as N	0.100	0.08271	J	mg/L		83	50 - 150

Lab Sample ID: 870-20742-F-1 MS

Matrix: Water

Analysis Batch: 121975

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Nitrate as N	<0.100	U	10.0	9.333		mg/L		92	80 - 120
Nitrite as N	0.638	F1	2.50	2.199	F1	mg/L		62	80 - 120

Lab Sample ID: 870-20742-F-1 MSD

Matrix: Water

Analysis Batch: 121975

Client Sample ID: Matrix Spike Duplicate

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	<0.100	U	10.0	9.334		mg/L		92	80 - 120	0	15
Nitrite as N	0.638	F1	2.50	2.233	F1	mg/L		64	80 - 120	2	15

Eurofins Midland

QC Sample Results

Client: TRC Solutions, Inc.
Project/Site: SRO 5 State 506/507

Job ID: 880-33303-1
SDG: Rural Eddy County, NM

Method: 200.7 Rev 4.4 - Metals (ICP)

Lab Sample ID: MB 860-122879/1-A
Matrix: Water
Analysis Batch: 123181

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 122879

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Calcium	<0.200	U	0.200	mg/L		09/22/23 03:20	09/22/23 16:35	1
Magnesium	<0.200	U	0.200	mg/L		09/22/23 03:20	09/22/23 16:35	1
Potassium	<0.500	U	0.500	mg/L		09/22/23 03:20	09/22/23 16:35	1
Sodium	<0.500	U	0.500	mg/L		09/22/23 03:20	09/22/23 16:35	1
SiO2	<1.07	U	1.07	mg/L		09/22/23 03:20	09/22/23 16:35	1

Lab Sample ID: LCS 860-122879/2-A
Matrix: Water
Analysis Batch: 123181

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 122879

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Calcium	25.0	25.10		mg/L		100	85 - 115
Magnesium	25.0	24.70		mg/L		99	85 - 115
Potassium	10.0	9.790		mg/L		98	85 - 115
Sodium	25.0	24.60		mg/L		98	85 - 115
SiO2	21.4	21.14		mg/L		99	85 - 115

Lab Sample ID: LCSD 860-122879/3-A
Matrix: Water
Analysis Batch: 123181

Client Sample ID: Lab Control Sample Dup
Prep Type: Total Recoverable
Prep Batch: 122879

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Calcium	25.0	25.10		mg/L		100	85 - 115	0	20
Magnesium	25.0	24.80		mg/L		99	85 - 115	0	20
Potassium	10.0	9.870		mg/L		99	85 - 115	1	20
Sodium	25.0	24.70		mg/L		99	85 - 115	0	20
SiO2	21.4	21.16		mg/L		99	85 - 115	0	20

Lab Sample ID: LLCS 860-122879/4-A
Matrix: Water
Analysis Batch: 123181

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 122879

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
Calcium	0.200	0.1730	J	mg/L		87	50 - 150
Magnesium	0.200	0.2160		mg/L		108	50 - 150
Potassium	0.500	0.5240		mg/L		105	50 - 150
Sodium	0.500	0.3700	J	mg/L		74	50 - 150
SiO2	1.07	0.9823	J	mg/L		92	50 - 150

Lab Sample ID: 860-57604-F-9-B MSD
Matrix: Water
Analysis Batch: 123181

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total Recoverable
Prep Batch: 122879

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Calcium	<0.200	U	25.0	29.10		mg/L		116	70 - 130	1	20
Magnesium	<0.200	U	25.0	28.90		mg/L		116	70 - 130	1	20
Potassium	<0.500	U	10.0	11.30		mg/L		113	70 - 130	1	20
Sodium	<0.500	U	25.0	28.80		mg/L		115	70 - 130	0	20
SiO2	<1.07	U	21.4	25.04		mg/L		117	70 - 130	1	20

Eurofins Midland

QC Sample Results

Client: TRC Solutions, Inc.
Project/Site: SRO 5 State 506/507

Job ID: 880-33303-1
SDG: Rural Eddy County, NM

Method: 200.7 Rev 4.4 - Metals (ICP) (Continued)

Lab Sample ID: 860-57604-G-9-B MS

Matrix: Water

Analysis Batch: 123181

Client Sample ID: Matrix Spike

Prep Type: Total Recoverable

Prep Batch: 122879

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec	
	Result	Qualifier	Added	Result	Qualifier				Limits	
Calcium	<0.200	U	25.0	29.30		mg/L		117	70 - 130	
Magnesium	<0.200	U	25.0	29.10		mg/L		116	70 - 130	
Potassium	<0.500	U	10.0	11.40		mg/L		114	70 - 130	
Sodium	<0.500	U	25.0	28.80		mg/L		115	70 - 130	
SiO2	<1.07	U	21.4	25.25		mg/L		118	70 - 130	

Lab Sample ID: 860-57624-C-1-B MS

Matrix: Water

Analysis Batch: 123181

Client Sample ID: Matrix Spike

Prep Type: Total Recoverable

Prep Batch: 122879

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec	
	Result	Qualifier	Added	Result	Qualifier				Limits	
Calcium	128	E	25.0	158.0	E 4	mg/L		120	70 - 130	
Magnesium	15.6		25.0	43.70		mg/L		112	70 - 130	
Potassium	31.0		10.0	43.50		mg/L		125	70 - 130	
Sodium	936	E	25.0	976.0	E 4	mg/L		160	70 - 130	
SiO2	19.8		21.4	45.80		mg/L		122	70 - 130	

Lab Sample ID: MB 860-122428/1-C

Matrix: Water

Analysis Batch: 123181

Client Sample ID: Method Blank

Prep Type: Dissolved

Prep Batch: 122879

Analyte	MB	MB	RL	Unit	D	Prepared	Analyzed	Dil	Fac
	Result	Qualifier							
Calcium	<0.200	U	0.200	mg/L		09/22/23 03:20	09/22/23 18:40	1	
Magnesium	<0.200	U	0.200	mg/L		09/22/23 03:20	09/22/23 18:40	1	
Potassium	<0.500	U	0.500	mg/L		09/22/23 03:20	09/22/23 18:40	1	
Sodium	<0.500	U	0.500	mg/L		09/22/23 03:20	09/22/23 18:40	1	
SiO2	<1.07	U	1.07	mg/L		09/22/23 03:20	09/22/23 18:40	1	

Lab Sample ID: LCS 860-122428/2-C

Matrix: Water

Analysis Batch: 123181

Client Sample ID: Lab Control Sample

Prep Type: Dissolved

Prep Batch: 122879

Analyte	Spike	LCS	LCS	Unit	D	%Rec	%Rec	
							Limits	
Calcium	25.0	28.10		mg/L		112	85 - 115	
Magnesium	25.0	27.80		mg/L		111	85 - 115	
Potassium	10.0	11.00		mg/L		110	85 - 115	
Sodium	25.0	27.80		mg/L		111	85 - 115	
SiO2	21.4	23.97		mg/L		112	85 - 115	

Lab Sample ID: LCSD 860-122428/3-C

Matrix: Water

Analysis Batch: 123181

Client Sample ID: Lab Control Sample Dup

Prep Type: Dissolved

Prep Batch: 122879

Analyte	Spike	LCSD	LCSD	Unit	D	%Rec	%Rec		RPD	
							Limits		RPD	Limit
Calcium	25.0	28.10		mg/L		112	85 - 115	0	20	
Magnesium	25.0	27.80		mg/L		111	85 - 115	0	20	
Potassium	10.0	11.00		mg/L		110	85 - 115	0	20	
Sodium	25.0	27.80		mg/L		111	85 - 115	0	20	
SiO2	21.4	23.97		mg/L		112	85 - 115	0	20	

Eurofins Midland

QC Sample Results

Client: TRC Solutions, Inc.
Project/Site: SRO 5 State 506/507

Job ID: 880-33303-1
SDG: Rural Eddy County, NM

Method: SM 2320B - Alkalinity

Lab Sample ID: MB 860-122607/3

Matrix: Water

Analysis Batch: 122607

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity	<4.00	U	4.00	mg/L			09/20/23 10:52	1
Bicarbonate Alkalinity as CaCO ₃	<4.00	U	4.00	mg/L			09/20/23 10:52	1
Carbonate Alkalinity as CaCO ₃	<4.00	U	4.00	mg/L			09/20/23 10:52	1
Hydroxide Alkalinity	<4.00	U	4.00	mg/L			09/20/23 10:52	1
Phenolphthalein Alkalinity	<4.00	U	4.00	mg/L			09/20/23 10:52	1

Lab Sample ID: LCS 860-122607/4

Matrix: Water

Analysis Batch: 122607

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Alkalinity	250	251.7		mg/L		101	85 - 115

Lab Sample ID: LCSD 860-122607/5

Matrix: Water

Analysis Batch: 122607

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Alkalinity	250	252.8		mg/L		101	85 - 115	0	20

Lab Sample ID: 860-57026-A-5 DU

Matrix: Water

Analysis Batch: 122607

Client Sample ID: Duplicate

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Alkalinity	114		110.1		mg/L		3	20
Bicarbonate Alkalinity as CaCO ₃	114		110.1		mg/L		3	20
Carbonate Alkalinity as CaCO ₃	<4.00	U	<4.00	U	mg/L		NC	20
Hydroxide Alkalinity	<4.00	U	<4.00	U	mg/L		NC	20
Phenolphthalein Alkalinity	<4.00	U	<4.00	U	mg/L		NC	20

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

Lab Sample ID: MB 860-122514/1

Matrix: Water

Analysis Batch: 122514

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	<5.00	U	5.00	mg/L			09/20/23 09:35	1

Lab Sample ID: LCS 860-122514/2

Matrix: Water

Analysis Batch: 122514

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Total Dissolved Solids	1000	961.0		mg/L		96	80 - 120

Eurofins Midland

QC Sample Results

Client: TRC Solutions, Inc.
Project/Site: SRO 5 State 506/507

Job ID: 880-33303-1
SDG: Rural Eddy County, NM

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

Lab Sample ID: LCSD 860-122514/3

Matrix: Water

Analysis Batch: 122514

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
Total Dissolved Solids	1000	1011		mg/L		101	80 - 120	5	10

Lab Sample ID: LLCS 860-122514/4

Matrix: Water

Analysis Batch: 122514

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Total Dissolved Solids	5.00	<5.00	U	mg/L		70	50 - 150		

Lab Sample ID: 860-57141-C-1 DU

Matrix: Water

Analysis Batch: 122514

Client Sample ID: Duplicate

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Dissolved Solids	526		506.0		mg/L		4	10

Method: SM 4500 H+ B - pH

Lab Sample ID: 880-33303-3 DU

Matrix: Water

Analysis Batch: 122385

Client Sample ID: MW-03

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
pH	7.2	HF	7.2		SU		0.3	20
Temperature	17.9	HF	17.7		Degrees C		1	20

QC Association Summary

Client: TRC Solutions, Inc.
Project/Site: SRO 5 State 506/507

Job ID: 880-33303-1
SDG: Rural Eddy County, NM

HPLC/IC

Analysis Batch: 121974

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-33303-1	MW-01	Total/NA	Water	300.0	
880-33303-1	MW-01	Total/NA	Water	300.0	
880-33303-2	MW-02	Total/NA	Water	300.0	
880-33303-2	MW-02	Total/NA	Water	300.0	
880-33303-3	MW-03	Total/NA	Water	300.0	
880-33303-3	MW-03	Total/NA	Water	300.0	
880-33303-4	MW-04	Total/NA	Water	300.0	
880-33303-4	MW-04	Total/NA	Water	300.0	
880-33303-5	MW-05	Total/NA	Water	300.0	
880-33303-5	MW-05	Total/NA	Water	300.0	
880-33303-6	MW-06	Total/NA	Water	300.0	
880-33303-6	MW-06	Total/NA	Water	300.0	
880-33303-7	EB-09-13-23	Total/NA	Water	300.0	
880-33303-8	Duplicate-01	Total/NA	Water	300.0	
880-33303-8	Duplicate-01	Total/NA	Water	300.0	
MB 860-121974/3	Method Blank	Total/NA	Water	300.0	
LCS 860-121974/4	Lab Control Sample	Total/NA	Water	300.0	
LCSD 860-121974/5	Lab Control Sample Dup	Total/NA	Water	300.0	
LLCS 860-121974/7	Lab Control Sample	Total/NA	Water	300.0	
870-20742-F-1 MS	Matrix Spike	Total/NA	Water	300.0	
870-20742-F-1 MSD	Matrix Spike Duplicate	Total/NA	Water	300.0	

Analysis Batch: 121975

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-33303-1	MW-01	Total/NA	Water	300.0	
880-33303-2	MW-02	Total/NA	Water	300.0	
880-33303-3	MW-03	Total/NA	Water	300.0	
880-33303-4	MW-04	Total/NA	Water	300.0	
880-33303-5	MW-05	Total/NA	Water	300.0	
880-33303-6	MW-06	Total/NA	Water	300.0	
880-33303-7	EB-09-13-23	Total/NA	Water	300.0	
880-33303-8	Duplicate-01	Total/NA	Water	300.0	
MB 860-121975/3	Method Blank	Total/NA	Water	300.0	
LCS 860-121975/4	Lab Control Sample	Total/NA	Water	300.0	
LCSD 860-121975/5	Lab Control Sample Dup	Total/NA	Water	300.0	
LLCS 860-121975/6	Lab Control Sample	Total/NA	Water	300.0	
870-20742-F-1 MS	Matrix Spike	Total/NA	Water	300.0	
870-20742-F-1 MSD	Matrix Spike Duplicate	Total/NA	Water	300.0	

Metals

Filtration Batch: 122428

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-33303-1	MW-01	Dissolved	Water	Filtration	
880-33303-2	MW-02	Dissolved	Water	Filtration	
880-33303-3	MW-03	Dissolved	Water	Filtration	
880-33303-4	MW-04	Dissolved	Water	Filtration	
880-33303-5	MW-05	Dissolved	Water	Filtration	
880-33303-6	MW-06	Dissolved	Water	Filtration	
880-33303-7	EB-09-13-23	Dissolved	Water	Filtration	
880-33303-8	Duplicate-01	Dissolved	Water	Filtration	

Eurofins Midland

QC Association Summary

Client: TRC Solutions, Inc.
Project/Site: SRO 5 State 506/507

Job ID: 880-33303-1
SDG: Rural Eddy County, NM

Metals (Continued)

Filtration Batch: 122428 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 860-122428/1-C	Method Blank	Dissolved	Water	Filtration	
LCS 860-122428/2-C	Lab Control Sample	Dissolved	Water	Filtration	
LCSD 860-122428/3-C	Lab Control Sample Dup	Dissolved	Water	Filtration	

Prep Batch: 122879

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-33303-1	MW-01	Dissolved	Water	200.7	122428
880-33303-2	MW-02	Dissolved	Water	200.7	122428
880-33303-3	MW-03	Dissolved	Water	200.7	122428
880-33303-4	MW-04	Dissolved	Water	200.7	122428
880-33303-5	MW-05	Dissolved	Water	200.7	122428
880-33303-6	MW-06	Dissolved	Water	200.7	122428
880-33303-7	EB-09-13-23	Dissolved	Water	200.7	122428
880-33303-8	Duplicate-01	Dissolved	Water	200.7	122428
MB 860-122428/1-C	Method Blank	Dissolved	Water	200.7	122428
MB 860-122879/1-A	Method Blank	Total Recoverable	Water	200.7	
LCS 860-122428/2-C	Lab Control Sample	Dissolved	Water	200.7	122428
LCS 860-122879/2-A	Lab Control Sample	Total Recoverable	Water	200.7	
LCSD 860-122428/3-C	Lab Control Sample Dup	Dissolved	Water	200.7	122428
LCSD 860-122879/3-A	Lab Control Sample Dup	Total Recoverable	Water	200.7	
LLCS 860-122879/4-A	Lab Control Sample	Total Recoverable	Water	200.7	
860-57604-F-9-B MSD	Matrix Spike Duplicate	Total Recoverable	Water	200.7	
860-57604-G-9-B MS	Matrix Spike	Total Recoverable	Water	200.7	
860-57624-C-1-B MS	Matrix Spike	Total Recoverable	Water	200.7	

Analysis Batch: 123181

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-33303-1	MW-01	Dissolved	Water	200.7 Rev 4.4	122879
880-33303-1	MW-01	Dissolved	Water	200.7 Rev 4.4	122879
880-33303-2	MW-02	Dissolved	Water	200.7 Rev 4.4	122879
880-33303-2	MW-02	Dissolved	Water	200.7 Rev 4.4	122879
880-33303-3	MW-03	Dissolved	Water	200.7 Rev 4.4	122879
880-33303-3	MW-03	Dissolved	Water	200.7 Rev 4.4	122879
880-33303-4	MW-04	Dissolved	Water	200.7 Rev 4.4	122879
880-33303-4	MW-04	Dissolved	Water	200.7 Rev 4.4	122879
880-33303-5	MW-05	Dissolved	Water	200.7 Rev 4.4	122879
880-33303-5	MW-05	Dissolved	Water	200.7 Rev 4.4	122879
880-33303-6	MW-06	Dissolved	Water	200.7 Rev 4.4	122879
880-33303-6	MW-06	Dissolved	Water	200.7 Rev 4.4	122879
880-33303-7	EB-09-13-23	Dissolved	Water	200.7 Rev 4.4	122879
880-33303-8	Duplicate-01	Dissolved	Water	200.7 Rev 4.4	122879
880-33303-8	Duplicate-01	Dissolved	Water	200.7 Rev 4.4	122879
MB 860-122428/1-C	Method Blank	Dissolved	Water	200.7 Rev 4.4	122879
MB 860-122879/1-A	Method Blank	Total Recoverable	Water	200.7 Rev 4.4	122879
LCS 860-122428/2-C	Lab Control Sample	Dissolved	Water	200.7 Rev 4.4	122879
LCS 860-122879/2-A	Lab Control Sample	Total Recoverable	Water	200.7 Rev 4.4	122879
LCSD 860-122428/3-C	Lab Control Sample Dup	Dissolved	Water	200.7 Rev 4.4	122879
LCSD 860-122879/3-A	Lab Control Sample Dup	Total Recoverable	Water	200.7 Rev 4.4	122879
LLCS 860-122879/4-A	Lab Control Sample	Total Recoverable	Water	200.7 Rev 4.4	122879
860-57604-F-9-B MSD	Matrix Spike Duplicate	Total Recoverable	Water	200.7 Rev 4.4	122879
860-57604-G-9-B MS	Matrix Spike	Total Recoverable	Water	200.7 Rev 4.4	122879

Eurofins Midland

QC Association Summary

Client: TRC Solutions, Inc.
Project/Site: SRO 5 State 506/507

Job ID: 880-33303-1
SDG: Rural Eddy County, NM

Metals (Continued)

Analysis Batch: 123181 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-57624-C-1-B MS	Matrix Spike	Total Recoverable	Water	200.7 Rev 4.4	122879

Analysis Batch: 123291

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-33303-7	EB-09-13-23	Dissolved	Water	200.7 Rev 4.4	122879

Analysis Batch: 123466

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-33303-1	MW-01	Total/NA	Water	SM 2340B	
880-33303-2	MW-02	Total/NA	Water	SM 2340B	
880-33303-3	MW-03	Total/NA	Water	SM 2340B	
880-33303-4	MW-04	Total/NA	Water	SM 2340B	
880-33303-5	MW-05	Total/NA	Water	SM 2340B	
880-33303-6	MW-06	Total/NA	Water	SM 2340B	
880-33303-7	EB-09-13-23	Total/NA	Water	SM 2340B	
880-33303-8	Duplicate-01	Total/NA	Water	SM 2340B	

General Chemistry

Analysis Batch: 121784

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-33303-1	MW-01	Total/NA	Water	SM 1030E	
880-33303-2	MW-02	Total/NA	Water	SM 1030E	
880-33303-3	MW-03	Total/NA	Water	SM 1030E	
880-33303-4	MW-04	Total/NA	Water	SM 1030E	
880-33303-5	MW-05	Total/NA	Water	SM 1030E	
880-33303-6	MW-06	Total/NA	Water	SM 1030E	
880-33303-7	EB-09-13-23	Total/NA	Water	SM 1030E	
880-33303-8	Duplicate-01	Total/NA	Water	SM 1030E	

Analysis Batch: 122385

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-33303-1	MW-01	Total/NA	Water	SM 4500 H+ B	
880-33303-2	MW-02	Total/NA	Water	SM 4500 H+ B	
880-33303-3	MW-03	Total/NA	Water	SM 4500 H+ B	
880-33303-4	MW-04	Total/NA	Water	SM 4500 H+ B	
880-33303-5	MW-05	Total/NA	Water	SM 4500 H+ B	
880-33303-6	MW-06	Total/NA	Water	SM 4500 H+ B	
880-33303-7	EB-09-13-23	Total/NA	Water	SM 4500 H+ B	
880-33303-8	Duplicate-01	Total/NA	Water	SM 4500 H+ B	
880-33303-3 DU	MW-03	Total/NA	Water	SM 4500 H+ B	

Analysis Batch: 122514

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-33303-1	MW-01	Total/NA	Water	SM 2540C	
880-33303-2	MW-02	Total/NA	Water	SM 2540C	
880-33303-3	MW-03	Total/NA	Water	SM 2540C	
880-33303-4	MW-04	Total/NA	Water	SM 2540C	
880-33303-5	MW-05	Total/NA	Water	SM 2540C	
880-33303-6	MW-06	Total/NA	Water	SM 2540C	
880-33303-7	EB-09-13-23	Total/NA	Water	SM 2540C	

Eurofins Midland

QC Association Summary

Client: TRC Solutions, Inc.
Project/Site: SRO 5 State 506/507

Job ID: 880-33303-1
SDG: Rural Eddy County, NM

General Chemistry (Continued)

Analysis Batch: 122514 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-33303-8	Duplicate-01	Total/NA	Water	SM 2540C	
MB 860-122514/1	Method Blank	Total/NA	Water	SM 2540C	
LCS 860-122514/2	Lab Control Sample	Total/NA	Water	SM 2540C	
LCSD 860-122514/3	Lab Control Sample Dup	Total/NA	Water	SM 2540C	
LLCS 860-122514/4	Lab Control Sample	Total/NA	Water	SM 2540C	
860-57141-C-1 DU	Duplicate	Total/NA	Water	SM 2540C	

Analysis Batch: 122607

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-33303-1	MW-01	Total/NA	Water	SM 2320B	
880-33303-2	MW-02	Total/NA	Water	SM 2320B	
880-33303-3	MW-03	Total/NA	Water	SM 2320B	
880-33303-4	MW-04	Total/NA	Water	SM 2320B	
880-33303-5	MW-05	Total/NA	Water	SM 2320B	
880-33303-6	MW-06	Total/NA	Water	SM 2320B	
880-33303-7	EB-09-13-23	Total/NA	Water	SM 2320B	
880-33303-8	Duplicate-01	Total/NA	Water	SM 2320B	
MB 860-122607/3	Method Blank	Total/NA	Water	SM 2320B	
LCS 860-122607/4	Lab Control Sample	Total/NA	Water	SM 2320B	
LCSD 860-122607/5	Lab Control Sample Dup	Total/NA	Water	SM 2320B	
860-57026-A-5 DU	Duplicate	Total/NA	Water	SM 2320B	

Lab Chronicle

Client: TRC Solutions, Inc.
Project/Site: SRO 5 State 506/507

Job ID: 880-33303-1
SDG: Rural Eddy County, NM

Client Sample ID: MW-01
Date Collected: 09/13/23 13:22
Date Received: 09/15/23 08:00

Lab Sample ID: 880-33303-1
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		1	0 mL	1.0 mL	121974	09/16/23 20:49	A1S	EET HOU
Total/NA	Analysis	300.0		1	0 mL	1.0 mL	121975	09/16/23 20:49	A1S	EET HOU
Total/NA	Analysis	300.0		10	0 mL	1.0 mL	121974	09/16/23 22:30	A1S	EET HOU
Dissolved	Filtration	Filtration			200 mL	200 mL	122428	09/19/23 09:00	PB	EET HOU
Dissolved	Prep	200.7			50 mL	50 mL	122879	09/22/23 03:20	AGR	EET HOU
Dissolved	Analysis	200.7 Rev 4.4		1			123181	09/22/23 18:51	JDM	EET HOU
Dissolved	Filtration	Filtration			200 mL	200 mL	122428	09/19/23 09:00	PB	EET HOU
Dissolved	Prep	200.7			50 mL	50 mL	122879	09/22/23 03:20	AGR	EET HOU
Dissolved	Analysis	200.7 Rev 4.4		50			123181	09/22/23 19:02	JDM	EET HOU
Total/NA	Analysis	SM 2340B		1			123466	09/26/23 12:25	JDM	EET HOU
Total/NA	Analysis	SM 1030E		1			121784	09/17/23 08:15	SC	EET HOU
Total/NA	Analysis	SM 2320B		1			122607	09/20/23 13:16	TL	EET HOU
Total/NA	Analysis	SM 2540C		1	10 mL	200 mL	122514	09/20/23 09:35	SA	EET HOU
Total/NA	Analysis	SM 4500 H+ B		1			122385	09/19/23 13:12	KEG	EET HOU

Client Sample ID: MW-02
Date Collected: 09/13/23 12:20
Date Received: 09/15/23 08:00

Lab Sample ID: 880-33303-2
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		1	0 mL	1.0 mL	121974	09/16/23 19:42	A1S	EET HOU
Total/NA	Analysis	300.0		1	0 mL	1.0 mL	121975	09/16/23 19:42	A1S	EET HOU
Total/NA	Analysis	300.0		10	0 mL	1.0 mL	121974	09/16/23 21:23	A1S	EET HOU
Dissolved	Filtration	Filtration			200 mL	200 mL	122428	09/19/23 09:00	PB	EET HOU
Dissolved	Prep	200.7			50 mL	50 mL	122879	09/22/23 03:20	AGR	EET HOU
Dissolved	Analysis	200.7 Rev 4.4		1			123181	09/22/23 18:55	JDM	EET HOU
Dissolved	Filtration	Filtration			200 mL	200 mL	122428	09/19/23 09:00	PB	EET HOU
Dissolved	Prep	200.7			50 mL	50 mL	122879	09/22/23 03:20	AGR	EET HOU
Dissolved	Analysis	200.7 Rev 4.4		50			123181	09/22/23 19:09	JDM	EET HOU
Total/NA	Analysis	SM 2340B		1			123466	09/26/23 12:25	JDM	EET HOU
Total/NA	Analysis	SM 1030E		1			121784	09/17/23 08:15	SC	EET HOU
Total/NA	Analysis	SM 2320B		1			122607	09/20/23 13:24	TL	EET HOU
Total/NA	Analysis	SM 2540C		1	25 mL	200 mL	122514	09/20/23 09:35	SA	EET HOU
Total/NA	Analysis	SM 4500 H+ B		1			122385	09/19/23 13:13	KEG	EET HOU

Client Sample ID: MW-03
Date Collected: 09/13/23 10:55
Date Received: 09/15/23 08:00

Lab Sample ID: 880-33303-3
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		1	0 mL	1.0 mL	121974	09/16/23 19:50	A1S	EET HOU
Total/NA	Analysis	300.0		1	0 mL	1.0 mL	121975	09/16/23 19:50	A1S	EET HOU
Total/NA	Analysis	300.0		10	0 mL	1.0 mL	121974	09/16/23 21:31	A1S	EET HOU

Eurofins Midland

Lab Chronicle

Client: TRC Solutions, Inc.
Project/Site: SRO 5 State 506/507

Job ID: 880-33303-1
SDG: Rural Eddy County, NM

Client Sample ID: MW-03

Lab Sample ID: 880-33303-3

Date Collected: 09/13/23 10:55

Matrix: Water

Date Received: 09/15/23 08:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Dissolved	Filtration	Filtration			200 mL	200 mL	122428	09/19/23 09:00	PB	EET HOU
Dissolved	Prep	200.7			50 mL	50 mL	122879	09/22/23 03:20	AGR	EET HOU
Dissolved	Analysis	200.7 Rev 4.4		1			123181	09/22/23 18:58	JDM	EET HOU
Dissolved	Filtration	Filtration			200 mL	200 mL	122428	09/19/23 09:00	PB	EET HOU
Dissolved	Prep	200.7			50 mL	50 mL	122879	09/22/23 03:20	AGR	EET HOU
Dissolved	Analysis	200.7 Rev 4.4		50			123181	09/22/23 19:12	JDM	EET HOU
Total/NA	Analysis	SM 2340B		1			123466	09/26/23 12:25	JDM	EET HOU
Total/NA	Analysis	SM 1030E		1			121784	09/17/23 08:15	SC	EET HOU
Total/NA	Analysis	SM 2320B		1			122607	09/20/23 13:33	TL	EET HOU
Total/NA	Analysis	SM 2540C		1	50 mL	200 mL	122514	09/20/23 09:35	SA	EET HOU
Total/NA	Analysis	SM 4500 H+ B		1			122385	09/19/23 13:16	KEG	EET HOU

Client Sample ID: MW-04

Lab Sample ID: 880-33303-4

Date Collected: 09/13/23 15:57

Matrix: Water

Date Received: 09/15/23 08:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		1	0 mL	1.0 mL	121974	09/16/23 20:16	A1S	EET HOU
Total/NA	Analysis	300.0		1	0 mL	1.0 mL	121975	09/16/23 20:16	A1S	EET HOU
Total/NA	Analysis	300.0		10	0 mL	1.0 mL	121974	09/16/23 21:57	A1S	EET HOU
Dissolved	Filtration	Filtration			200 mL	200 mL	122428	09/19/23 09:00	PB	EET HOU
Dissolved	Prep	200.7			50 mL	50 mL	122879	09/22/23 03:20	AGR	EET HOU
Dissolved	Analysis	200.7 Rev 4.4		1			123181	09/22/23 19:23	JDM	EET HOU
Dissolved	Filtration	Filtration			200 mL	200 mL	122428	09/19/23 09:00	PB	EET HOU
Dissolved	Prep	200.7			50 mL	50 mL	122879	09/22/23 03:20	AGR	EET HOU
Dissolved	Analysis	200.7 Rev 4.4		50			123181	09/22/23 19:41	JDM	EET HOU
Total/NA	Analysis	SM 2340B		1			123466	09/26/23 12:25	JDM	EET HOU
Total/NA	Analysis	SM 1030E		1			121784	09/17/23 08:15	SC	EET HOU
Total/NA	Analysis	SM 2320B		1			122607	09/20/23 13:56	TL	EET HOU
Total/NA	Analysis	SM 2540C		1	50 mL	200 mL	122514	09/20/23 09:35	SA	EET HOU
Total/NA	Analysis	SM 4500 H+ B		1			122385	09/19/23 13:19	KEG	EET HOU

Client Sample ID: MW-05

Lab Sample ID: 880-33303-5

Date Collected: 09/13/23 17:03

Matrix: Water

Date Received: 09/15/23 08:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		1	0 mL	1.0 mL	121974	09/16/23 20:24	A1S	EET HOU
Total/NA	Analysis	300.0		1	0 mL	1.0 mL	121975	09/16/23 20:24	A1S	EET HOU
Total/NA	Analysis	300.0		10	0 mL	1.0 mL	121974	09/16/23 22:05	A1S	EET HOU
Dissolved	Filtration	Filtration			200 mL	200 mL	122428	09/19/23 09:00	PB	EET HOU
Dissolved	Prep	200.7			50 mL	50 mL	122879	09/22/23 03:20	AGR	EET HOU
Dissolved	Analysis	200.7 Rev 4.4		1			123181	09/22/23 19:27	JDM	EET HOU

Eurofins Midland

Lab Chronicle

Client: TRC Solutions, Inc.
Project/Site: SRO 5 State 506/507

Job ID: 880-33303-1
SDG: Rural Eddy County, NM

Client Sample ID: MW-05

Lab Sample ID: 880-33303-5

Date Collected: 09/13/23 17:03

Matrix: Water

Date Received: 09/15/23 08:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Dissolved	Filtration	Filtration			200 mL	200 mL	122428	09/19/23 09:00	PB	EET HOU
Dissolved	Prep	200.7			50 mL	50 mL	122879	09/22/23 03:20	AGR	EET HOU
Dissolved	Analysis	200.7 Rev 4.4		50			123181	09/22/23 19:45	JDM	EET HOU
Total/NA	Analysis	SM 2340B		1			123466	09/26/23 12:25	JDM	EET HOU
Total/NA	Analysis	SM 1030E		1			121784	09/17/23 08:15	SC	EET HOU
Total/NA	Analysis	SM 2320B		1			122607	09/20/23 14:04	TL	EET HOU
Total/NA	Analysis	SM 2540C		1	25 mL	200 mL	122514	09/20/23 09:35	SA	EET HOU
Total/NA	Analysis	SM 4500 H+ B		1			122385	09/19/23 13:21	KEG	EET HOU

Client Sample ID: MW-06

Lab Sample ID: 880-33303-6

Date Collected: 09/13/23 19:00

Matrix: Water

Date Received: 09/15/23 08:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		1	0 mL	1.0 mL	121974	09/16/23 20:58	A1S	EET HOU
Total/NA	Analysis	300.0		1	0 mL	1.0 mL	121975	09/16/23 20:58	A1S	EET HOU
Total/NA	Analysis	300.0		10	0 mL	1.0 mL	121974	09/16/23 22:39	A1S	EET HOU
Dissolved	Filtration	Filtration			200 mL	200 mL	122428	09/19/23 09:00	PB	EET HOU
Dissolved	Prep	200.7			50 mL	50 mL	122879	09/22/23 03:20	AGR	EET HOU
Dissolved	Analysis	200.7 Rev 4.4		1			123181	09/22/23 19:30	JDM	EET HOU
Dissolved	Filtration	Filtration			200 mL	200 mL	122428	09/19/23 09:00	PB	EET HOU
Dissolved	Prep	200.7			50 mL	50 mL	122879	09/22/23 03:20	AGR	EET HOU
Dissolved	Analysis	200.7 Rev 4.4		50			123181	09/22/23 19:48	JDM	EET HOU
Total/NA	Analysis	SM 2340B		1			123466	09/26/23 12:25	JDM	EET HOU
Total/NA	Analysis	SM 1030E		1			121784	09/17/23 08:15	SC	EET HOU
Total/NA	Analysis	SM 2320B		1			122607	09/20/23 14:12	TL	EET HOU
Total/NA	Analysis	SM 2540C		1	10 mL	200 mL	122514	09/20/23 09:35	SA	EET HOU
Total/NA	Analysis	SM 4500 H+ B		1			122385	09/19/23 13:22	KEG	EET HOU

Client Sample ID: EB-09-13-23

Lab Sample ID: 880-33303-7

Date Collected: 09/13/23 18:30

Matrix: Water

Date Received: 09/15/23 08:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		1	0 mL	1.0 mL	121974	09/16/23 20:32	A1S	EET HOU
Total/NA	Analysis	300.0		1	0 mL	1.0 mL	121975	09/16/23 20:32	A1S	EET HOU
Dissolved	Filtration	Filtration			200 mL	200 mL	122428	09/19/23 09:00	PB	EET HOU
Dissolved	Prep	200.7			50 mL	50 mL	122879	09/22/23 03:20	AGR	EET HOU
Dissolved	Analysis	200.7 Rev 4.4		1			123181	09/22/23 19:34	JDM	EET HOU
Dissolved	Filtration	Filtration			200 mL	200 mL	122428	09/19/23 09:00	PB	EET HOU
Dissolved	Prep	200.7			50 mL	50 mL	122879	09/22/23 03:20	AGR	EET HOU
Dissolved	Analysis	200.7 Rev 4.4		1			123291	09/25/23 15:23	JDM	EET HOU
Total/NA	Analysis	SM 2340B		1			123466	09/26/23 12:25	JDM	EET HOU
Total/NA	Analysis	SM 1030E		1			121784	09/17/23 08:15	SC	EET HOU

Eurofins Midland

Lab Chronicle

Client: TRC Solutions, Inc.
Project/Site: SRO 5 State 506/507

Job ID: 880-33303-1
SDG: Rural Eddy County, NM

Client Sample ID: EB-09-13-23
Date Collected: 09/13/23 18:30
Date Received: 09/15/23 08:00

Lab Sample ID: 880-33303-7
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	SM 2320B		1			122607	09/20/23 14:20	TL	EET HOU
Total/NA	Analysis	SM 2540C		1	200 mL	200 mL	122514	09/20/23 09:35	SA	EET HOU
Total/NA	Analysis	SM 4500 H+ B		1			122385	09/19/23 13:24	KEG	EET HOU

Client Sample ID: Duplicate-01
Date Collected: 09/13/23 00:00
Date Received: 09/15/23 08:00

Lab Sample ID: 880-33303-8
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		1	0 mL	1.0 mL	121974	09/16/23 20:41	A1S	EET HOU
Total/NA	Analysis	300.0		1	0 mL	1.0 mL	121975	09/16/23 20:41	A1S	EET HOU
Total/NA	Analysis	300.0		10	0 mL	1.0 mL	121974	09/16/23 22:22	A1S	EET HOU
Dissolved	Filtration	Filtration			200 mL	200 mL	122428	09/19/23 09:00	PB	EET HOU
Dissolved	Prep	200.7			50 mL	50 mL	122879	09/22/23 03:20	AGR	EET HOU
Dissolved	Analysis	200.7 Rev 4.4		1			123181	09/22/23 19:37	JDM	EET HOU
Dissolved	Filtration	Filtration			200 mL	200 mL	122428	09/19/23 09:00	PB	EET HOU
Dissolved	Prep	200.7			50 mL	50 mL	122879	09/22/23 03:20	AGR	EET HOU
Dissolved	Analysis	200.7 Rev 4.4		50			123181	09/22/23 19:55	JDM	EET HOU
Total/NA	Analysis	SM 2340B		1			123466	09/26/23 12:25	JDM	EET HOU
Total/NA	Analysis	SM 1030E		1			121784	09/17/23 08:15	SC	EET HOU
Total/NA	Analysis	SM 2320B		1			122607	09/20/23 14:29	TL	EET HOU
Total/NA	Analysis	SM 2540C		1	25 mL	200 mL	122514	09/20/23 09:35	SA	EET HOU
Total/NA	Analysis	SM 4500 H+ B		1			122385	09/19/23 13:25	KEG	EET HOU

Laboratory References:
EET HOU = Eurofins Houston, 4145 Greenbriar Dr, Stafford, TX 77477, TEL (281)240-4200

Accreditation/Certification Summary

Client: TRC Solutions, Inc.
Project/Site: SRO 5 State 506/507

Job ID: 880-33303-1
SDG: Rural Eddy County, NM

Laboratory: Eurofins Houston

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

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704215-23-53	06-30-24

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
SM 1030E		Water	Anion/Cation Balance
SM 2320B		Water	Bicarbonate Alkalinity as CaCO3
SM 2320B		Water	Carbonate Alkalinity as CaCO3
SM 2320B		Water	Hydroxide Alkalinity
SM 2320B		Water	Phenolphthalein Alkalinity
SM 2340B		Water	Calcium hardness as calcium carbonate
SM 2340B		Water	Magnesium hardness as calcium carbonate
SM 4500 H+ B		Water	Temperature

Method Summary

Client: TRC Solutions, Inc.
Project/Site: SRO 5 State 506/507

Job ID: 880-33303-1
SDG: Rural Eddy County, NM

Method	Method Description	Protocol	Laboratory
300.0	Anions, Ion Chromatography	EPA	EET HOU
200.7 Rev 4.4	Metals (ICP)	EPA	EET HOU
SM 2340B	Total Hardness (as CaCO3) by calculation	SM	EET HOU
SM 1030E	Cation Anion Balance	SM	EET HOU
SM 2320B	Alkalinity	SM	EET HOU
SM 2540C	Solids, Total Dissolved (TDS)	SM	EET HOU
SM 4500 H+ B	pH	SM	EET HOU
200.7	Preparation, Total Recoverable Metals	EPA	EET HOU
Filtration	Sample Filtration	None	EET HOU

- Protocol References:**
- EPA = US Environmental Protection Agency
 - None = None
 - SM = "Standard Methods For The Examination Of Water And Wastewater"
- Laboratory References:**
- EET HOU = Eurofins Houston, 4145 Greenbriar Dr, Stafford, TX 77477, TEL (281)240-4200

Sample Summary

Client: TRC Solutions, Inc.
Project/Site: SRO 5 State 506/507

Job ID: 880-33303-1
SDG: Rural Eddy County, NM

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
880-33303-1	MW-01	Water	09/13/23 13:22	09/15/23 08:00
880-33303-2	MW-02	Water	09/13/23 12:20	09/15/23 08:00
880-33303-3	MW-03	Water	09/13/23 10:55	09/15/23 08:00
880-33303-4	MW-04	Water	09/13/23 15:57	09/15/23 08:00
880-33303-5	MW-05	Water	09/13/23 17:03	09/15/23 08:00
880-33303-6	MW-06	Water	09/13/23 19:00	09/15/23 08:00
880-33303-7	EB-09-13-23	Water	09/13/23 18:30	09/15/23 08:00
880-33303-8	Duplicate-01	Water	09/13/23 00:00	09/15/23 08:00

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

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

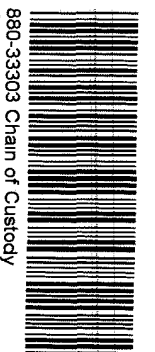


Environment Testing
Xenco

Chain of Custody

Houston, TX (281) 240-4200, Dallas, TX (214) 902-0300
Midland, TX (432) 704-5440, San Antonio, TX (210) 509-3334
El Paso, TX (915) 585-3443 Lubbock, TX (806) 794-1296
Hobbs, NM (575) 392-7550, Carlsbad, NM (575) 988-3199

WO



880-33303 Chain of Custody

www.xenco.com Page 1 of 1

Project Manager:	Jared Stefel	Bill to: (if different)	
Company Name:	TRC	Company Name:	
Address:	10 Dests Dr. Ste 130E	Address:	
City, State ZIP:	Midland, TX 79705	City, State ZIP:	
Phone:	432-238-3003	Email:	Jared.Stefel@trc.com

Work Order Comments	
Program:	UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐
State of Project:	MM
Reporting Level:	Level II ☐ Level III ☐ PST/UST ☐ TRRP ☐ Level IV ☐
Deliverables:	EDD ☐ ADAPT ☐ Other: ☐

Project Name:	SR05 State 506107 / Turn Around	ANALYSIS REQUEST	
Project Number:	450169	☒ Routine ☐ Rush	Pres. Code
Project Location:	Rural Eddy County, NM	Due Date:	
Sample's Name:	Misha Bryant	TAT starts the day received by the lab, if received by 4:30pm	
PO #			
SAMPLE RECEIPT	Temp Blank: ☒ No ☐ Yes	Wet Ice: ☒ No ☐ Yes	Parameters
Samples Received Intact:	☒ Yes ☐ No	Thermometer ID:	
Cooler Custody Seals:	☒ Yes ☐ No	Correction Factor:	
Sample Custody Seals:	☒ Yes ☐ No	Temperature Reading:	0.5
Total Containers:		Corrected Temperature:	0.5
Sample Identification	Matrix	Date Sampled	Time Sampled
MM-01	W	9-13-23	1322
MM-02			1220
MM-03			1055
MM-04			1557
MM-05			1703
MM-06			1900
ES-09-13-23			1830
Duplicate-01			

Total 2007 / 6010	2008 / 6020:	8RCRA 13PPM Texas 11	Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO ₂ Na Sr Ti Sn U V Zn
Circle Method(s) and Metal(s) to be analyzed	TCLP / SPLP 6010	8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Ti U	Hg 1631 / 2451 / 7470 / 7471
Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)
Misha Bryant	[Signature]	9/15/23	

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

Eurofins Midland

1211 W Florida Ave
Midland TX 79701
Phone: 432-704-5440

Chain of Custody Record



Client Information (Sub Contract Lab)

Client Contact:	Phone:	Lab PM:	Kramer Jessica	Carrier Tracking No(s):	COC No:	880-7955-1
Shipping/Receiving		E-Mail:	Jessica.Kramer@eurofins.com	State of Origin:	Page:	Page 1 of 1
Company:	Eurofins Environment Testing South Cent	Accreditations Required (See note):	NELAP Texas	Job #:	880-33303-1	

Address:	4145 Greenbriar Dr	Due Date Requested:	9/21/2023	Analysis Requested	Preservation Codes:	A HCL B NaOH C Zn Acetate D Nitric Acid E NaHSO4 F MeOH G Amchlor H Ascorbic Acid I Ice J DI Water K EDTA L EDA Other

City:	Stafford	TAT Requested (days):		2540C_Calcd	Cation_Anion	SM4500_H+ pH and Temperature	2320B	300_ORGFMS_28D/ Chloride & Fluoride	300_ORGFMS/ Nitrate and Nitrite as N	SM2340B_ICPMS	200.7/Filtration_ME (MOD) Custom List	M Hexane N None O AsNaO2 P Na2OAS Q Na2SO3 R Na2S2O3 S H2SO4 T TSP Dodecylsulfate U Acetone V MCAA W pH 4.5 Y Trizma Z other (Specify)

State, Zip:	TX 77477	PO #:										

Phone:	281-240-4200(Te)	WO #:										

Email:		Project #:	88001796									

Project Name:	SRO 5 State 506/507	SSON#:										

Site:												

Sample Identification Client ID (Lab ID)

Sample Identification	Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix (W=Water, S=sediment, O=organic, BT=Trace, A=lab)	2540C_Calcd	Cation_Anion	SM4500_H+ pH and Temperature	2320B	300_ORGFMS_28D/ Chloride & Fluoride	300_ORGFMS/ Nitrate and Nitrite as N	SM2340B_ICPMS	200.7/Filtration_ME (MOD) Custom List	Special Instructions/Note:
MMW-01 (880-33303-1)		9/13/23	13:22	Central	Water	X	X	X	X	X	X	X		
MMW-02 (880-33303-2)		9/13/23	12:20	Central	Water	X	X	X	X	X	X	X		
MMW-03 (880-33303-3)		9/13/23	10:55	Central	Water	X	X	X	X	X	X	X		
MMW-04 (880-33303-4)		9/13/23	15:57	Central	Water	X	X	X	X	X	X	X		
MMW-05 (880-33303-5)		9/13/23	17:03	Central	Water	X	X	X	X	X	X	X		
MMW-06 (880-33303-6)		9/13/23	19:00	Central	Water	X	X	X	X	X	X	X		
EB-09-13-23 (880-33303-7)		9/13/23	18:30	Central	Water	X	X	X	X	X	X	X		
Duplicate-01 (880-33303-8)		9/13/23		Central	Water	X	X	X	X	X	X	X		

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

Possible Hazard Identification

Unconfirmed Deliverable Requested: I II III IV Other (Specify)

Primary Deliverable Rank: 2

Empty/Kit Relinquished by:	Date/Time:	Company:	Received by:	Date/Time:	Company:	Method of Shipment:	Date/Time:	Company:
Relinquished by:	Date/Time:	Company:	Received by:	Date/Time:	Company:	Received by:	Date/Time:	Company:

Relinquished by: *[Signature]*

Date/Time:

Company:

Received by:

Date/Time:

Company:

Received by:

Date/Time:

Company:

Login Sample Receipt Checklist

Client: TRC Solutions, Inc.

Job Number: 880-33303-1
SDG Number: Rural Eddy County, NM

Login Number: 33303

List Number: 1

Creator: Rodriguez, Leticia

List Source: Eurofins Midland

Question	Answer	Comment
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	
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	

Login Sample Receipt Checklist

Client: TRC Solutions, Inc.

Job Number: 880-33303-1
SDG Number: Rural Eddy County, NM

Login Number: 33303

List Number: 2

Creator: Baker, Jeremiah

List Source: Eurofins Houston

List Creation: 09/16/23 11:31 AM

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	

Sante Fe Main Office
Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

Online Phone Directory
<https://www.emnrd.nm.gov/ocd/contact-us>

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

QUESTIONS

Action 355437

QUESTIONS

Operator: COG OPERATING LLC 600 W Illinois Ave Midland, TX 79701	OGRID: 229137
	Action Number: 355437
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Prerequisites	
Incident ID (n#)	nRM1933644528
Incident Name	NRM1933644528 SRO 5 STATE COM #506H & 507H @ 0
Incident Type	Produced Water Release
Incident Status	Remediation Closure Report Received

Location of Release Source	
Please answer all the questions in this group.	
Site Name	SRO 5 STATE COM #506H & 507H
Date Release Discovered	08/14/2019
Surface Owner	State

Incident Details	
Please answer all the questions in this group.	
Incident Type	Produced Water Release
Did this release result in a fire or is the result of a fire	No
Did this release result in any injuries	No
Has this release reached or does it have a reasonable probability of reaching a watercourse	No
Has this release endangered or does it have a reasonable probability of endangering public health	No
Has this release substantially damaged or will it substantially damage property or the environment	No
Is this release of a volume that is or may with reasonable probability be detrimental to fresh water	No

Nature and Volume of Release	
Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.	
Crude Oil Released (bbls) Details	Not answered.
Produced Water Released (bbls) Details	Cause: Other Flow Line - Production Produced Water Released: 1,291 BBL Recovered: 0 BBL Lost: 1,291 BBL.
Is the concentration of chloride in the produced water >10,000 mg/l	Yes
Condensate Released (bbls) Details	Not answered.
Natural Gas Vented (Mcf) Details	Not answered.
Natural Gas Flared (Mcf) Details	Not answered.
Other Released Details	Not answered.
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	Not answered.

Sante Fe Main Office
Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

Online Phone Directory
<https://www.emnrd.nm.gov/ocd/contact-us>

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

QUESTIONS, Page 2

Action 355437

QUESTIONS (continued)

Operator: COG OPERATING LLC 600 W Illinois Ave Midland, TX 79701	OGRID: 229137
	Action Number: 355437
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Nature and Volume of Release (continued)	
Is this a gas only submission (i.e. only significant Mcf values reported)	No, according to supplied volumes this does not appear to be a "gas only" report.
Was this a major release as defined by Subsection A of 19.15.29.7 NMAC	Yes
Reasons why this would be considered a submission for a notification of a major release	From paragraph A. "Major release" determine using: (1) an unauthorized release of a volume, excluding gases, of 25 barrels or more.
With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.e. gas only) are to be submitted on the C-129 form.	

Initial Response

The responsible party must undertake the following actions immediately unless they could create a safety hazard that would result in injury.

The source of the release has been stopped	True
The impacted area has been secured to protect human health and the environment	True
Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices	True
All free liquids and recoverable materials have been removed and managed appropriately	True
If all the actions described above have not been undertaken, explain why	Not answered.

Per Paragraph (4) of Subsection B of 19.15.29.8 NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please prepare and attach a narrative of actions to date in the follow-up C-141 submission. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see Subparagraph (a) of Paragraph (5) of Subsection A of 19.15.29.11 NMAC), please prepare and attach all information needed for closure evaluation in the follow-up C-141 submission.

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.

I hereby agree and sign off to the above statement	Name: Jared Stoffel Title: Scientist Email: jstoffel@trccompanies.com Date: 06/18/2024

Sante Fe Main Office
Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

Online Phone Directory
<https://www.emnrd.nm.gov/ocd/contact-us>

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

QUESTIONS, Page 3

Action 355437

QUESTIONS (continued)

Operator: COG OPERATING LLC 600 W Illinois Ave Midland, TX 79701	OGRID: 229137
	Action Number: 355437
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS**Site Characterization**

Please answer all the questions in this group (only required when seeking remediation plan approval and beyond). This information must be provided to the appropriate district office no later than 90 days after the release discovery date.

What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (ft bgs)	Less than or equal 25 (ft.)
What method was used to determine the depth to ground water	Direct Measurement
Did this release impact groundwater or surface water	No
What is the minimum distance, between the closest lateral extents of the release and the following surface areas:	
A continuously flowing watercourse or any other significant watercourse	Between 1 and 5 (mi.)
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Between 1 and 5 (mi.)
An occupied permanent residence, school, hospital, institution, or church	Greater than 5 (mi.)
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes	Between 1 and 5 (mi.)
Any other fresh water well or spring	Between 1 and 5 (mi.)
Incorporated municipal boundaries or a defined municipal fresh water well field	Greater than 5 (mi.)
A wetland	Between ½ and 1 (mi.)
A subsurface mine	Greater than 5 (mi.)
An (non-karst) unstable area	Greater than 5 (mi.)
Categorize the risk of this well / site being in a karst geology	High
A 100-year floodplain	Between 1 and 100 (ft.)
Did the release impact areas not on an exploration, development, production, or storage site	Yes

Remediation Plan

Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.

Requesting a remediation plan approval with this submission	Yes
<i>Attach a comprehensive report demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined, pursuant to 19.15.29.11 NMAC and 19.15.29.13 NMAC.</i>	
Have the lateral and vertical extents of contamination been fully delineated	Yes
Was this release entirely contained within a lined containment area	No

Soil Contamination Sampling: (Provide the highest observable value for each, in milligrams per kilograms.)

Chloride (EPA 300.0 or SM4500 Cl B)	2510
TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M)	0
GRO+DRO (EPA SW-846 Method 8015M)	0
BTEX (EPA SW-846 Method 8021B or 8260B)	0
Benzene (EPA SW-846 Method 8021B or 8260B)	0

Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.

On what estimated date will the remediation commence	03/21/2023
On what date will (or did) the final sampling or liner inspection occur	03/23/2023
On what date will (or was) the remediation complete(d)	05/25/2023
What is the estimated surface area (in square feet) that will be reclaimed	41800
What is the estimated volume (in cubic yards) that will be reclaimed	12720
What is the estimated surface area (in square feet) that will be remediated	41800
What is the estimated volume (in cubic yards) that will be remediated	12720

These estimated dates and measurements are recognized to be the best guess or calculation at the time of submission and may (be) change(d) over time as more remediation efforts are completed.

The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.

Sante Fe Main Office
Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

Online Phone Directory
<https://www.emnrd.nm.gov/ocd/contact-us>

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

QUESTIONS, Page 4

Action 355437

QUESTIONS (continued)

Operator: COG OPERATING LLC 600 W Illinois Ave Midland, TX 79701	OGRID: 229137
	Action Number: 355437
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Remediation Plan (continued)	
<i>Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.</i>	
This remediation will (or is expected to) utilize the following processes to remediate / reduce contaminants:	
<i>(Select all answers below that apply.)</i>	
(Ex Situ) Excavation and off-site disposal (i.e. dig and haul, hydrovac, etc.)	Yes
Which OCD approved facility will be used for off-site disposal	Not answered.
OR which OCD approved well (API) will be used for off-site disposal	Not answered.
OR is the off-site disposal site, to be used, out-of-state	Yes
In which state is the disposal taking place	Texas
What is the name of the out-of-state facility	R360 Red Bluff
OR is the off-site disposal site, to be used, an NMED facility	Not answered.
(Ex Situ) Excavation and on-site remediation (i.e. On-Site Land Farms)	Not answered.
(In Situ) Soil Vapor Extraction	Not answered.
(In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.)	Not answered.
(In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.)	Not answered.
(In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.)	Not answered.
Ground Water Abatement pursuant to 19.15.30 NMAC	Not answered.
OTHER (Non-listed remedial process)	Not answered.
<i>Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.</i>	
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.	
I hereby agree and sign off to the above statement	Name: Jared Stoffel Title: Scientist Email: jstoffel@trccompanies.com Date: 06/18/2024
<i>The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.</i>	

Sante Fe Main Office
Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

Online Phone Directory
<https://www.emnrd.nm.gov/ocd/contact-us>

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

QUESTIONS, Page 5

Action 355437

QUESTIONS (continued)

Operator: COG OPERATING LLC 600 W Illinois Ave Midland, TX 79701	OGRID: 229137
	Action Number: 355437
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Deferral Requests Only	
Only answer the questions in this group if seeking a deferral upon approval this submission. Each of the following items must be confirmed as part of any request for deferral of remediation.	
Requesting a deferral of the remediation closure due date with the approval of this submission	No

Sante Fe Main Office
Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

Online Phone Directory
<https://www.emnrd.nm.gov/ocd/contact-us>

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

QUESTIONS, Page 6

Action 355437

QUESTIONS (continued)

Operator: COG OPERATING LLC 600 W Illinois Ave Midland, TX 79701	OGRID: 229137
	Action Number: 355437
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Sampling Event Information	
Last sampling notification (C-141N) recorded	355455
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	06/20/2024
What was the (estimated) number of samples that were to be gathered	40
What was the sampling surface area in square feet	42800

Remediation Closure Request	
<i>Only answer the questions in this group if seeking remediation closure for this release because all remediation steps have been completed.</i>	
Requesting a remediation closure approval with this submission	Yes
Have the lateral and vertical extents of contamination been fully delineated	Yes
Was this release entirely contained within a lined containment area	No
All areas reasonably needed for production or subsequent drilling operations have been stabilized, returned to the sites existing grade, and have a soil cover that prevents ponding of water, minimizing dust and erosion	Yes
What was the total surface area (in square feet) remediated	41800
What was the total volume (cubic yards) remediated	12720
All areas not reasonably needed for production or subsequent drilling operations have been reclaimed to contain a minimum of four feet of non-waste contain earthen material with concentrations less than 600 mg/kg chlorides, 100 mg/kg TPH, 50 mg/kg BTEX, and 10 mg/kg Benzene	Yes
What was the total surface area (in square feet) reclaimed	41800
What was the total volume (in cubic yards) reclaimed	12720
Summarize any additional remediation activities not included by answers (above)	1,850 cubic yards of clean overburden was sampled at the NMOCD approved frequency of 1 sample every 50 cubic yards of excavated material and re-used as clean fill with receipt of analytical below closure criteria. If analytical indicated soil was above closure criteria soil was transported to disposal. Clearly affected soils were not sampled prior to transportation to disposal.
<i>The responsible party must attach information demonstrating they have complied with all applicable closure requirements and any conditions or directives of the OCD. This demonstration should be in the form of a comprehensive report (in .pdf format) including a scaled site map, sampling diagrams, relevant field notes, photographs of any excavation prior to backfilling, laboratory data including chain of custody documents of final sampling, and a narrative of the remedial activities. Refer to 19.15.29.12 NMAC.</i>	
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations. The responsible party acknowledges they must substantially restore, reclaim, and re-vegetate the impacted surface area to the conditions that existed prior to the release or their final land use in accordance with 19.15.29.13 NMAC including notification to the OCD when reclamation and re-vegetation are complete.	
I hereby agree and sign off to the above statement	Name: Jared Stoffel Title: Scientist Email: jstoffel@trccompanies.com Date: 06/18/2024

Sante Fe Main Office
Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

Online Phone Directory
<https://www.emnrd.nm.gov/ocd/contact-us>

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

QUESTIONS, Page 7

Action 355437

QUESTIONS (continued)

Operator: COG OPERATING LLC 600 W Illinois Ave Midland, TX 79701	OGRID: 229137
	Action Number: 355437
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Reclamation Report	
Only answer the questions in this group if all reclamation steps have been completed.	
Requesting a reclamation approval with this submission	No

Sante Fe Main Office
Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

Online Phone Directory
<https://www.emnrd.nm.gov/ocd/contact-us>

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

CONDITIONS

Action 355437

CONDITIONS

Operator: COG OPERATING LLC 600 W Illinois Ave Midland, TX 79701	OGRID: 229137
	Action Number: 355437
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

CONDITIONS

Created By	Condition	Condition Date
rhamlet	We have received your Remediation Closure Report for Incident #NRM1933644528 SRO 5 STATE COM #506H & 507H, thank you. This Remediation Closure Report is approved. The OCD agrees that the elevated background chloride concentrations (Areas 7 and 8 in Figure 4) that are in the inferred "Outside Draw Area," consist of evaporite deposits. These evaporite deposits are consistent with the higher sodium + potassium measurements at groundwater wells MW-1 and MW-6. A legacy liner (Areas 7 and 8 in Figure 4) was approved at 4' bgs in 2022 before the current liner stance was enacted. Sample locations (Areas 1-6 Figure 4) meet the strictest closure criteria standards, which was agreed upon in the ConocoPhillips/OCD meeting and revised remediation plan that was approved on 11/15/2022. The most recent groundwater results on 12/12/2023 show TDS below 10,000 mg/L on all 6 monitoring wells.	6/17/2025