Remediation Summary and Site Closure Request

July 1, 2022

Milky Way Fee #002

NMOCD Reference Number:
NAPP2126447227

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

Prepared by:
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Staff Geologist

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

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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 Milky Way Fee #002 (the Site). The legal description of the Site is Unit Letter "D", Section 09, Township 22 South, Range 27 East, in Eddy County, New Mexico. The subject property is owned by a private landowner. The GPS coordinates for the Site are N 32.41251° W 104.20063. Figure 1 depicts the site location.

On September 4, 2021, COP discovered fluids released on the pad due to a lightning strike on the water tanks. The water tanks ignited, resulting in the release. Approximately eighty (80) barrels (bbls) of produced water was released.

On September 6, 2021, COP notified the New Mexico Oil and Conservation Division (NMOCD) of the Release. The Release was assigned an NMOCD Reference number of NAPP2126447227. On September 20, 2021, the initial Release Notification and Corrective Action (Form C-141) was submitted to the NMOCD. The Form C-141 indicated a total volume of 80 bbls of produced water was released. No produced water was recovered during initial response activities. The Release affected an area measuring approximately 80 feet (ft) by 25 ft of the pad. 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) identified thirteen (13) registered water wells: one (1) plugged, twelve (12) active in Section 09, Township 22 South, Range 27 East. The NMOSE database indicated the nearest reported depth to groundwater was approximately eighteen (18) ft below ground surface (bgs). Due to the nearest groundwater well status as inactive, TRC is referencing the next nearest active well to estimate depth to groundwater. The nearest active groundwater well with depth to groundwater data is well C-02063, located approximately 0.77 miles southwest of the Site. The groundwater well has a depth to groundwater of approximately twenty-five (25) ft bgs and a total depth of forty-five (45) ft bgs. In addition, the Site is within a medium karst classified area. No surface water was observed within one thousand (1,000) ft of the Release. An aerial map of the Site location is provided as **Figure 2**.

2.0 Site Characterization

The Site is underlain by shallow groundwater (less than 50 feet bgs) and is within a medium karst classified area. Due to the groundwater depth and karst classification, the NMOCD Closure Criteria are as follows for the Milky Way Fee #002:

- Total Petroleum Hydrocarbons (TPH): 100 mg/kg
- Benzene: 10 mg/kg
- Total Benzene, Toluene, Ethylbenzene, and Xylenes (BTEX): 50 mg/kg
- Chlorides: 600 mg/kg

The Initial Release Notification and Corrective Action (Form C-141) is provided as **Appendix B.**

3.0 NMOCD Approved Work Plan

On December 1, 2021, a remediation workplan was submitted to the New Mexico Oil Conservation Division (NMOCD) by NTG Environmental, on behalf of COP. Depth to groundwater at the Site is estimated to be less than fifty (50) ft bgs based on the nearest active groundwater well data.

In the approved workplan, the remediation activities were to occur following the removal of the tank batteries. Based on laboratory results, COP proposes to excavate the areas to below NMOCD Closure Criteria in the areas representative of Trench-1 through Trench-4.

- Excavation of impacted soil will range from a depth of 1.5 ft bgs to 9.5 ft bgs.
- Excavation activities will proceed until the final excavation extent confirms compliance with Site Closure Criteria.
- Impacted soil will be disposed of at a licensed disposal facility.
- Following removal of impacted soil, five-point composite confirmation samples will be collected from the sidewalls and floor of the excavation.
- Composite samples will represent a 200-square foot sampling area.
- Collected samples will be submitted to the laboratory for TPH analysis by Method SW 846 8015 modified, BTEX by Method SW 846 8021B, and chloride by EPA Method 300.0.
- Once excavation activities are concluded and removed, the excavation will be backfilled with material purchased locally and recontoured to match pre-existing site conditions.

The NMOCD approved the workplan with no additional stipulations. The approved workplan is provided as Appendix A. The Release Notification and Corrective Action (Form C-141) is provided as **Appendix B**.

4.0 Summary of Soil Remediation Activities

Following deconstruction of the tank battery and removal of the destroyed tanks, soil remediation activities commenced on March 15, 2022 at the Site. An onsite geologist field screened for chloride concentrations to guide the excavation activities, both laterally and vertically, in the areas not delineated by the soil borings. The Release footprint, as indicated by COP, was excavated to a depth of approximately two (2) to ten (10) ft bgs, and the footprint was laterally extended until chloride field screen results indicated soils were below NMOCD closure criteria. Figure 5 depicts the excavation footprint and the associated soil sample locations. All soil was staged on polyvinyl sheeting adjacent to the excavation until it was transported to the R360 Red Bluff facility.

Confirmation soil samples were collected from the sidewalls and floor of the excavation on a one five-point composite soil sample per 200 square foot basis. Each soil sample was submitted to Xenco Eurofins in Midland, TX for TPH analysis by Method 8015M, BTEX analysis by EPA 8021B, and chloride analysis by Method 300.0.

Confirmation soil samples CS-1 @ 3.5', CS-2 @3.5', CS-3 @ 2', CS-4 @ 2', CS-5 @ 2', CS-6 @ 2.5', CS-7 @ 2.5', CS-8 @ 2.5', CS-9 @ 10', CS-10 @ 10', CS-11 @ 10', CS-12 @10', CS-13 @10', CS-14 @10', CS-15 @10', CS-16 @10', and CS-17 @10' were collected from the floor of the excavation. The approximately 3.5 ft excavation is bounded by sidewall soil samples CS-SW-1, CS-SW-2, and CS-SW-3. The approximately 10 ft excavation is bounded by sidewall soil samples CS-SW-4 through CS-SW-7. Photographic documentation of the remediation activities is provided as Appendix C. Laboratory analytical packets are provided as Appendix D.

The analytical results indicated each soil sample exhibited TPH, BTEX, and chloride concentrations below NMOCD regulatory guidelines. Analytical results are summarized in **Table 1**.

After review of all the analytical results, the excavation was backfilled to grade with landowner approved backfill material. The site was contoured and compacted to meet COP requirements. All excavated soils were transported offsite to the R360 Red Bluff facility.

5.0 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. Soil with chloride concentrations above NMOCD regulatory guidelines, approximately 1,080 cubic yards, was transported to the R360 Red Bluff facility, and the Site was returned to grade with locally sourced non-impacted backfill material. 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 Milky Way Fee #002 Release Site.

6.0 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.

7.0 Distribution

Copy 1: Mike Bratcher
New Mexico Energy, Minerals and Natural Resources Department
Oil Conservation Division, District 2
811 S. First Street
Artesia, New Mexico 88210

Copy 2: Ike Tavarez
COG Operating, LLC
600 W. Illinois Avenue
Midland, Texas 79701

Copy 3: TRC Environmental Corporation
10 Desta Dr STE 130E

Milky Way Fee #002

Table 1 - Confirmation Sample Analytical Results

SAMPLE ID	SAMPLE DEPTH (FT)	SAMPLE DATE	Status (In-Situ vs. Excavated)	Gasoline Range Organics (GRO)-C6-C10 (mg/Kg)	Diesel Range Organics (Over C10-C28) (mg/Kg)	Oil Range Organics (Over C28-C36) (mg/Kg)	Total TPH (mg/Kg)	Benzene (mg/Kg)	Toluene (mg/Kg)	Ethyl-benzene (mg/Kg)	Xylenes, Total (mg/Kg)	Total BTEX (mg/Kg)	Chloride (mg/Kg)
NMOCD Standards	-	-		-	-	-	**100**	**10**	-	-	-	**50**	**600**
Floor Confirmation Soil Samples													
CS-1 @ 3.5'	3.5	3/15/22	In-Situ	<49.8	<49.8	<49.8	<49.8	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	**239**
CS-2 @ 3.5'	3.5	3/15/22	In-Situ	<49.9	<49.9	<49.9	<49.9	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	**230**
CS-3 @ 2'	2	3/15/22	In-Situ	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	**32.3**
CS-4 @ 2'	2	3/15/22	In-Situ	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	**43.8**
CS-5 @ 2'	2	3/15/22	In-Situ	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	**232**
CS-6 @ 2.5'	2.5	3/15/22	In-Situ	<50.0	<50.0	<50.0	<50.0	<0.00198	<0.00198	<0.00198	<0.00397	<0.00397	**228**
CS-7 @ 2.5'	2.5	3/15/22	In-Situ	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	**88.7**
CS-8 @ 2.5'	2.5	3/15/22	In-Situ	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	**113**
CS-9 @ 10'	10	3/15/22	In-Situ	<49.9	<49.9	<49.9	<49.9	**0.00892**	**0.0168**	<0.00200	**0.00630**	**0.0320**	**10.4**
CS-10 @ 10'	10	3/15/22	In-Situ	<50.0	<50.0	<50.0	<50.0	**0.00550**	**0.0109**	<0.00202	<0.00403	**0.0164**	**13.7**
CS-11 @ 10'	10	3/16/22	In-Situ	<49.8	<49.8	<49.8	<49.8	<0.00198 F1	<0.00198	<0.00198	<0.00396	<0.00396	**7.30**
CS-12 @ 10'	10	3/16/22	In-Situ	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	<5.03
CS-13 @ 10'	10	3/16/22	In-Situ	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	**9.40**
CS-14 @ 10'	10	3/16/22	In-Situ	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	**7.33**
CS-15 @ 10'	10	3/16/22	In-Situ	<49.9	<49.9	<49.9	<49.9	<0.00202	<0.00202	<0.00202	<0.00403	<0.00403	**6.90**
CS-16 @ 10'	10	3/16/22	In-Situ	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	**237**
CS-17 @ 10'	10	3/16/22	In-Situ	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	**261**
Sidewall Confirmation Soil Samples													
CS-SW-1 @ 1.75'	1.75	3/15/22	In-Situ	<50.0	<50.0	<50.0	<50.0	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	**82.8**
CS-SW-2 @ 1.75'	1.75	3/15/22	In-Situ	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	**79.7**
CS-SW-3 @ 1.75'	1.75	3/15/22	In-Situ	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<5.01
CS-SW-4 @ 3'	3	3/15/22	In-Situ	<50.0	<50.0	<50.0	<50.0	<0.00201	**0.00442**	<0.00201	<0.00402	**0.00442**	**12.0**
CS-SW-4 @ 6'	6	3/15/22	In-Situ	<49.8	<49.8	<49.8	<49.8	<0.00200	**0.00224**	<0.00200	<0.00401	**0.00224**	**10.5**
CS-SW-5 @ 3'	3	3/16/22	In-Situ	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	**6.53**
CS-SW-5 @ 6'	6	3/16/22	In-Situ	<50.0	<50.0	<50.0	<50.0	<0.00198	<0.00198	<0.00198	<0.00397	<0.00397	<4.97
CS-SW-6 @ 3'	3	3/16/22	In-Situ	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	**6.30**
CS-SW-6 @ 6'	6	3/16/22	In-Situ	<50.0	<50.0	<50.0	<50.0	<0.00198	<0.00198	<0.00198	<0.00397	<0.00397	**6.95**
CS-SW-7 @ 6'	6	3/16/22	In-Situ	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	**245**

Definitions

X	Analyte detected above the detection limit at a concentration equal to X
<x	Analyte not detected at detection limit equal to x.

Abbreviations

FT	Feet
mg/Kg	Milligrams per Kilogram
TPH	Total Petroleum Hydrocarbon
BTEX	Benzene, Toluene, Ethylbenzene, and Xylenes
NMOCD	New Mexico Oil Conservation District

SITE LOCATION

BASE MAP: ESRI "USGS QUADRANGLE TOPO" ONLINE SERVICE LAYER.
DATA SOURCES: TRC

N

0 1,000 2,000

FEET

1:24,000 1" = 2,000'

PROJECT:
CONOCOPHILLIPS
MILKY WAY FEE #002
EDDY COUNTY, NEW MEXICO

TITLE:
SITE LOCATION MAP

DRAWN BY:	J. CRAHAN	PROJ. NO.:	478126.0000.0000
CHECKED BY:	M. JAGOE		
APPROVED BY:	P. SHIN		**FIGURE 1**
DATE:	APRIL 2022		

TRC
505 EAST HUNTLAND DRIVE
SUITE #250
AUSTIN, TX 78752
PHONE: 512.329.6080

FILE: MILKYWAY

LEGEND

- SITE LOCATION
- WATER WELL
- 1/2 MILE RELEASE AREA RADIUS

BASE MAP: GOOGLE EARTH PRO, 12/21/2019.
DATA SOURCES: TRC, HEP

1:8,400
1" = 700'
0 350 700 FEET

PROJECT:
CONOCOPHILLIPS
MILKY WAY FEE #002
EDDY COUNTY, NEW MEXICO

TITLE:
WELLHEAD PROTECTION AREA MAP

DRAWN BY:	J. CRAHAN	PROJ. NO.:	478126.0000.0000
CHECKED BY:	M. JAGOE		**FIGURE 2**
APPROVED BY:	P. SHIN		
DATE:	APRIL 2022		

505 EAST HUNTLAND DRIVE
SUITE #250
AUSTIN, TX 78752
PHONE: 512.329.6080

FILE: MilkyWay.aprx

Coordinate System: NAD 1983 StatePlane New Mexico East FIPS 3001 Feet - Map Rotation: 0
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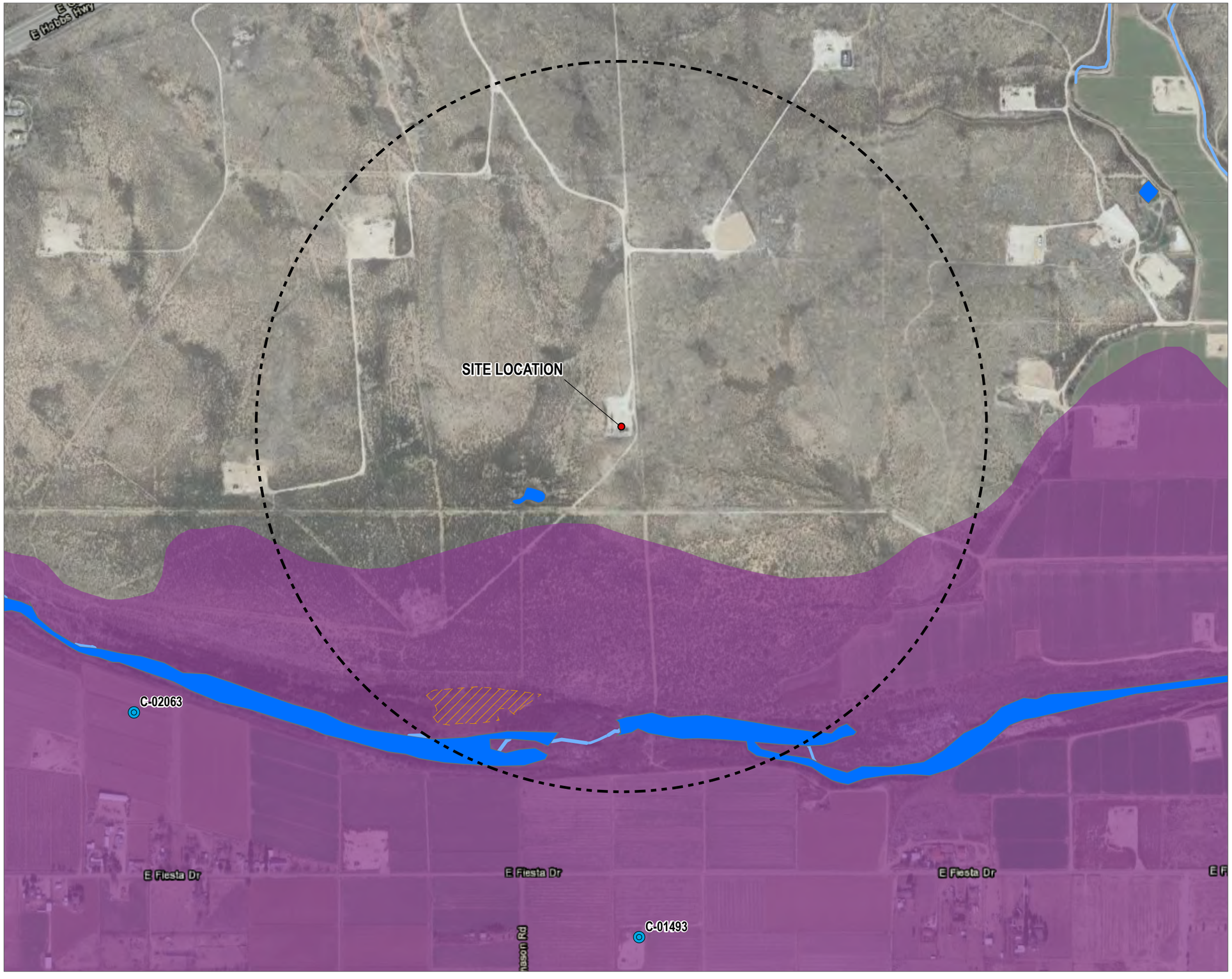

LEGEND

- SITE LOCATION
- WATER WELL
- 1/2 MILE RELEASE AREA RADIUS
- 1% ANNUAL CHANCE FLOOD HAZARD
- FRESHWATER EMERGENT WETLAND
- FRESHWATER POND OR LAKE
- RIVERINE

BASE MAP: GOOGLE EARTH PRO, 12/21/2019.
DATA SOURCES: TRC, HEP

N

1:8,400
1" = 700'
0 350 700 FEET

PROJECT:	CONOCOPHILLIPS MILKY WAY FEE #002 EDDY COUNTY, NEW MEXICO
TITLE:	WETLANDS AND FEMA FLOODPLAIN MAP
DRAWN BY: J. CRAHAN	PROJ. NO.: 478126.0000.0000
CHECKED BY: M. JAGOE	FIGURE 3
APPROVED BY: P. SHIN	
DATE: APRIL 2022	

TRC
505 EAST HUNTLAND DRIVE
SUITE #250
AUSTIN, TX 78752
PHONE: 512.329.6080

FILE: MilkyWay.aprx

Coordinate System: NAD 1983 StatePlane New Mexico East FIPS 3001 Feet; Map Rotation: 0
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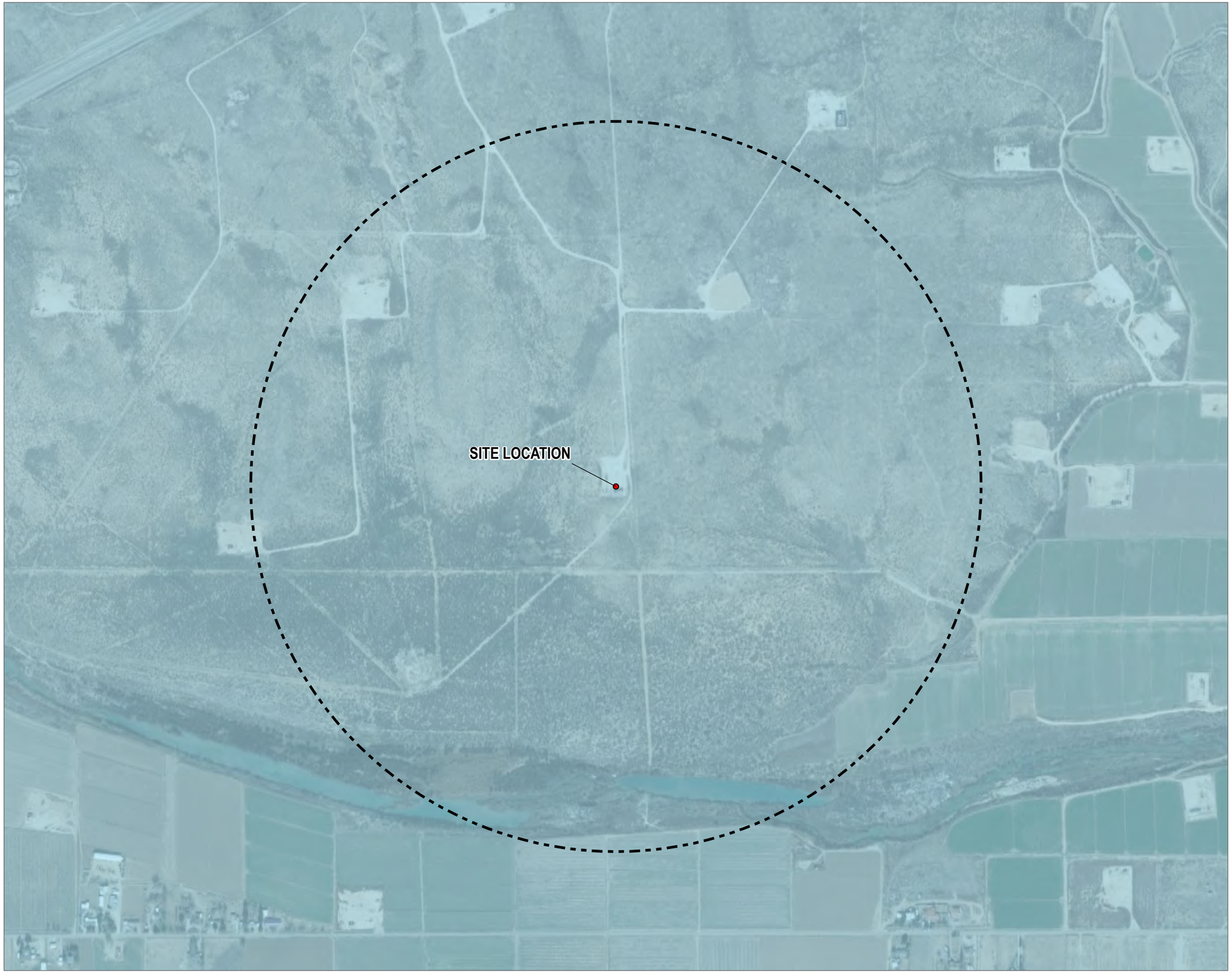

LEGEND

- SITE LOCATION
- 1/2 MILE RELEASE AREA RADIUS

KARST POTENTIAL LEVEL

- MEDIUM

BASE MAP: GOOGLE EARTH PRO, 12/21/2019.
DATA SOURCES: TRC, NM BLM

1:8,400
1" = 700'
0 350 700 FEET

PROJECT:
CONOCOPHILLIPS
MILKY WAY FEE #002
EDDY COUNTY, NEW MEXICO

TITLE:
KARST POTENTIAL LEVEL MAP

DRAWN BY:	J. CRAHAN	PROJ. NO.:	478126.0000.0000
CHECKED BY:			
APPROVED BY:	P. SHIN		**FIGURE 4**
DATE:	APRIL 2022		

TRC
505 EAST HUNTLAND DRIVE
SUITE #250
AUSTIN, TX 78752
PHONE: 512.329.6080

FILE: MilkyWay.aprx

Coordinate System: NAD 1983 StatePlane New Mexico East FIPS 3001 Feet - Map Rotation: 0
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LEGEND

- CONFIRMATION SAMPLE LOCATION
- SIDEWALL SAMPLE LOCATION

EXCAVATION AREA

- 2 FEET
- 2.5 FEET
- 3.5 FEET
- 10 FEET

BASE MAP: GOOGLE EARTH PRO, 12/21/2019.
DATA SOURCES: TRC

1:240
1" = 20'
0 10 20 FEET

PROJECT:
CONOCOPHILLIPS
MILKY WAY FEE #002
EDDY COUNTY, NEW MEXICO

TITLE:
EXCAVATION AND SAMPLE LOCATIONS MAP

DRAWN BY:	J. CRAHAN	PROJ. NO.:	478126.0000.0000
CHECKED BY:	M. JAGOE		
APPROVED BY:	P. SHIN		**FIGURE 5**
DATE:	APRIL 2022		

TRC
505 EAST HUNTLAND DRIVE
SUITE #250
AUSTIN, TX 78752
PHONE: 512.329.6080

FILE: MilkyWay.aprx

Coordinate System: NAD 1983 StatePlane New Mexico East FIPS 3001 Feet; Map Rotation: 0
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Appendix A: NMOCD Approved Workplan – Analytical Appendix Removed

Site Information

Work Plan
Milk Way Fee 002 (09.04.21)
Eddy County, New Mexico
Unit D Sec 09 T22S R27E
Incident #: NAPP2126447227
32.412686°, -104.200703°

Produced Water Release
Source: Lightning Strike to Water Tanks on Pad
Release Date: 9/26/2021
Volume Released: 80 bbls/Produced Water
Volume Recovered: 0 bbls/Produced Water

Prepared for:
COG Operating, LLC
15 West London Rd
Loving, NM 88256

Prepared by:
NTG Environmental
701 Tradewinds Blvd
Suite C
Midland, TX 79706

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FIGURES

TABLES/PHOTOLOG

APPENDICES

701 Tradewinds Boulevard, Suite C
Midland, Texas 79706
Tel. 432.685.3898
www.ntglobal.com

December 1, 2021

Mike Bratcher
District Supervisor
Oil Conservation Division, District 2
811 S. First Street
Artesia, New Mexico 88210

Re: Work Plan
Milky Way Fee 002 (09.04.21)
COG Operating, LLC
Site Location: Unit D, S09, T22S, R27E
Incident #: NAPP2126447227
(Lat 32.412686°, Long -104.200703°)
Eddy County, New Mexico

Mr. Bratcher:

On behalf of Concho Operating, LLC (COG), New Tech Global Environmental, LLC (NTGE) has prepared this letter to document site assessment activities for Milky Way Fee 002 (09.04.21). The site is located at 32.412686º, -104.200703º within Unit D, S09, T22S, R27E, and approximately 2.5 miles East of Carlsbad, New Mexico, in Eddy County (Figures 1 and 2).

Background

Based on the initial C-141 obtained from the New Mexico Oil Conservation Division (NMOCD), the release was discovered on September 6, 2021, caused by a lightning strike on the water tanks, which resulted in a fire. It resulted in the release of approximately eighty (80) barrels of produced water, and zero (0) barrels of produced water were recovered. The impacted area measured approximately 80' x 25', as shown on Figure 3. The initial C-141 form is attached in Appendix A.

Site Characterization

The site is located within a medium karst area. Based on a review of the New Mexico Office of State Engineers and USGS databases, there is no known water source within a ½ mile radius of the location. The nearest identified well is located approximately 0.71 miles Southwest of the site in S09, T22S, R27E, and drilled in 1973. The well has a reported depth to groundwater of 18' feet below ground surface (ft bgs). A copy of the associated *Point of Diversion Summary* report is attached in Appendix B.

Regulatory Criteria

In accordance with the NMOCD regulatory criteria established in 19.15.29.12 NMAC, the following criteria were utilized in assessing the site.

- Benzene: 10 milligrams per kilogram (mg/kg).
- Benzene, toluene, ethylbenzene, and total xylenes (BTEX): 50 mg/kg.
- TPH: 100 mg/kg (GRO + DRO + MRO).
- Chloride: 600 mg/kg

Assessment Activities

Initial Assessment

On September 15, 2021, NTGE personnel were on site to horizontally and vertically define the release. A total of six (6) soil sample points (S1 through S6) and four (4) horizontal sample points were installed to total depths ranging from surface to 1.5 ft below the surface. Soil samples were collected and submitted to the laboratory for TPH analysis by EPA method 8015 modified, BTEX by EPA Method 8021B, and chloride by EPA method 300.0. Copies of laboratory analysis and chain-of-custody documentation are included in Appendix C. The results of the sampling are summarized in Table 1. The sample locations are shown on Figure 3.

Referring to Table 1, the area of (S2) had chloride concentrations of 16,300 mg/kg to 6,190 mg/kg and TPH concentration values ranging from 359 mg/kg to less than 50.0 mg/kg at a depth from the surface to 1.5' below the surface. The area of (S3) had chloride concentration values ranging from 15,200 mg/kg to 5,760 mg/kg and TPH concentration values ranging from 478 mg/kg to less than 50.0 mg/kg at a depth from the surface to 1.5' below the surface. The area of (S4) had chloride concentration values ranging from 14,400 mg/kg to 5,490 mg/kg and TPH concentration values ranging from 710 mg/kg to 56.1 mg/kg at a depth from the surface to 1.5' below the surface. The area of (S5) had chloride concentration values ranging from 14,100 mg/kg to 6,310 mg/kg and TPH concentration values ranging from 379 mg/kg to less than 50.0 mg/kg at a depth from the surface to 1.5' below the surface.

Trenches

On October 7, 2021, NTGE personnel were on site to vertically define the release in areas that were previously not accessible by hand tools. A total of four (4) trenches (Trench-1 through Trench-4) were installed to total depths ranging from surface to 11 ft below the surface. Soil samples were collected and submitted to the laboratory for TPH analysis by EPA method 8015 modified, BTEX by EPA Method 8021B, and chloride by EPA method 300.0. Copies of laboratory analysis and chain-of-custody documentation are included in Appendix C. The results of the sampling are summarized in Table 1. The sample locations are shown on Figure 3.

Referring to Table 1, the area of S-2 (Trench-1) had chloride concentration values ranging from 4,330 mg/kg to 51.1 mg/kg and TPH concentration values ranging from 9,520 mg/kg to less than 49.9 mg/kg at a depth from the surface to 10' below the surface. The area of S-3 (Trench-2) had chloride concentration values ranging from 2,670 mg/kg to 47.4 mg/kg and TPH concentration values ranging from 866 mg/kg to less than 49.9 mg/kg at a depth from the surface to 3' below the surface. The area of S-4 (Trench-3 had chloride concentration values ranging from 9,240 mg/kg to 42.3 mg/kg and TPH concentration values ranging from 503 mg/kg to less than 49.9 mg/kg at a depth from the surface to 4' below the surface. The area of S-5 (Trench-4) had chloride concentration values ranging from 509 mg/kg to 41.3 mg/kg and TPH concentration values ranging from 711 mg/kg to less than 49.9 mg/kg at a depth from the surface to 1.5-2' below the surface.

Proposed Work Plan

Based on the laboratory results and the detected TPH and chloride concentrations, COG proposes to excavate the areas as shown in Figure 4 and highlighted (yellow) in Table 1. Prior to the excavation, the tanks on location will be removed.

- The area of S-2 (Trench-1) will be excavated to 9.5' below surface and backfilled with clean material to grade.
- The area of S-3 (Trench-2) will be excavated to a depth of 2.0'- 2.5' below surface and backfilled with clean material to grade.
- The area of S-4 (Trench-3) will be excavated to a depth of 3.5' below surface and backfilled with clean material to grade.
- The area of S-5 (Trench-4) will be excavated to a depth of 1.5' below surface and backfilled with clean material to grade.

Safety Concerns

The proposed excavation depths may not be reached due to wall cave-ins and safety concerns for onsite personnel. In addition, impacted soil around oil and gas equipment, structures or lines may not be feasible or practicable to be removed due to safety concerns for onsite personnel. As such, COG will excavate the impacted soils to the maximum extent possible.

Composite sidewall and bottom hole samples will be collected every 200 square feet and analyzed for TPH analysis by EPA method 8015 modified, BTEX by EPA Method 8021B. Chloride by EPA method 300.0., to be representative of the release area for documentation purposes. COG estimates approximately 700 cubic yards to be removed and hauled to the nearest disposal.

Once the site activities and excavation are complete, the areas will be backfilled with clean material to surface grade. The remediation will be implemented 90 days after the work plan is approved.

Conclusions

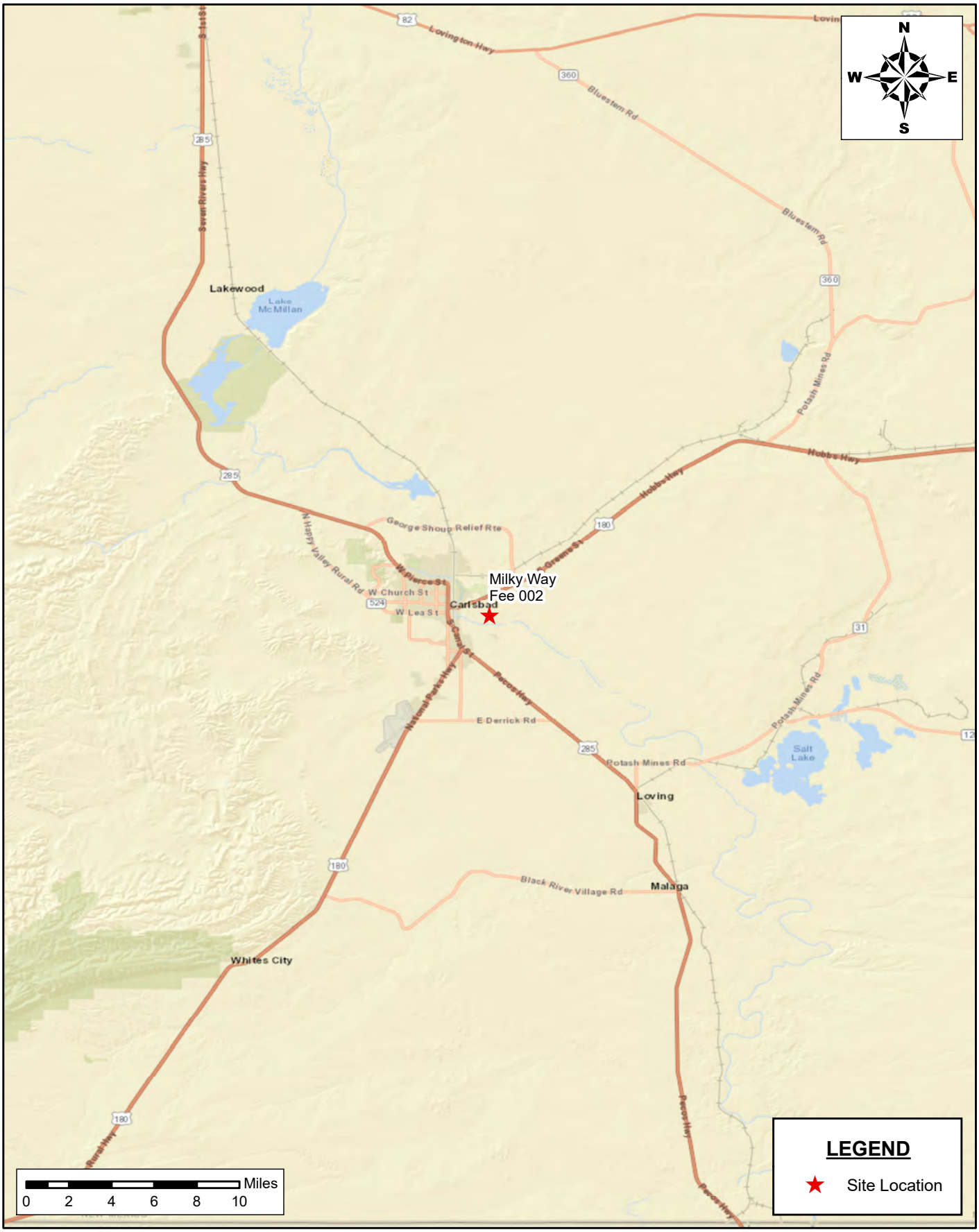
Upon completion, a final report detailing the remediation activities will be submitted to the NMOCD. If you have any questions regarding this report or need additional information, please contact us at 432-813-0263.

Sincerely,
NTG Environmental

Mike Carmona
Senior Project Manager

Ashton Thielke
Project Manager

Figures



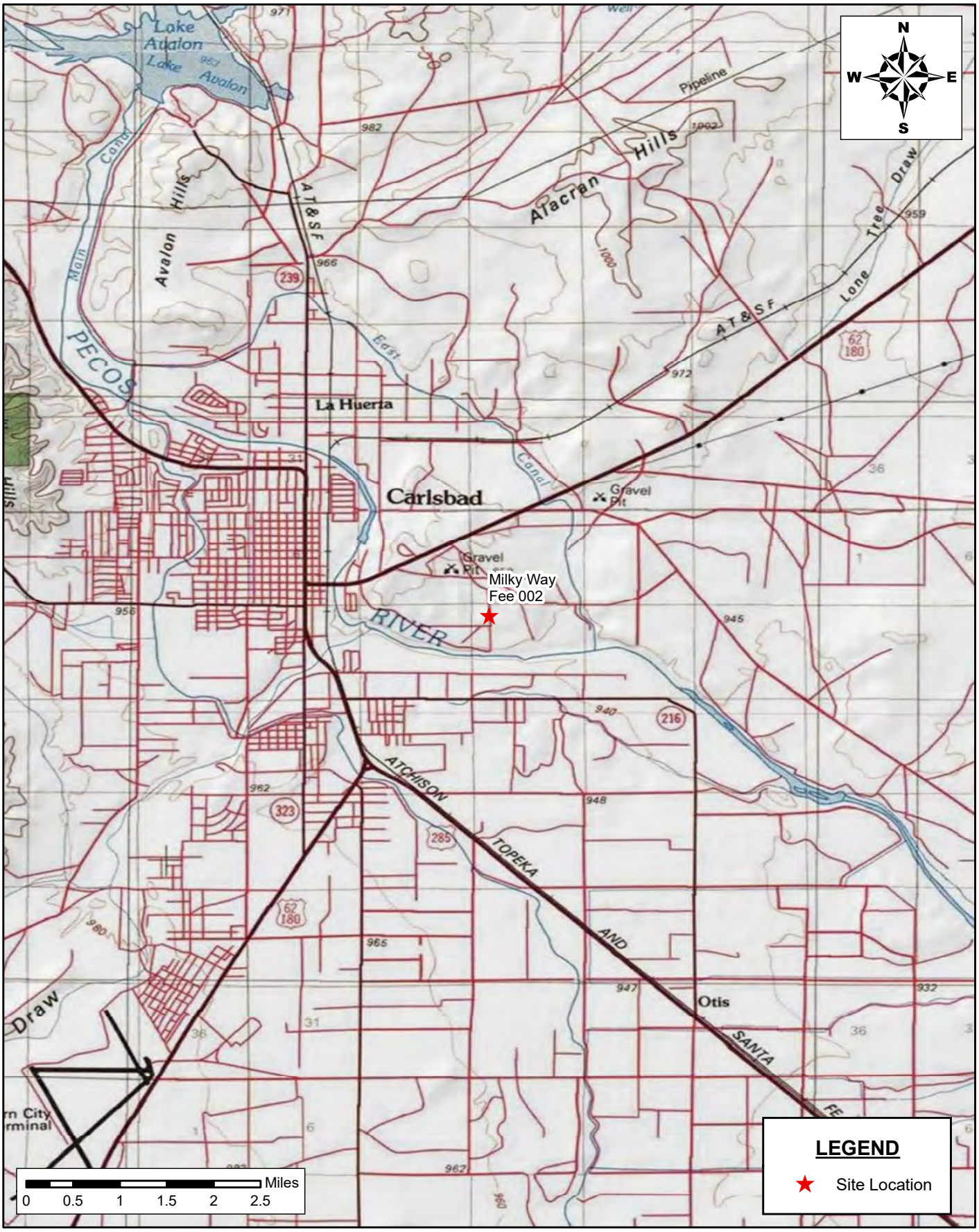
SITE LOCATION MAP
COG OPERATING, LLC
MILKY WAY FEE 002 (09.04.21)
EDDY COUNTY, NEW MEXICO
32.412599°, -104.200644°

SCALE: As Shown | Date: 11/2/2021 | Project #:214671

New Tech Global Environmental, LLC
911 Regional Park Drive
Houston, Texas 77060
T - 281.872.9300
F - 281.872.4521
Web: www.ntglobal.com

NOTES:
1. Base Image: ESRI Maps & Data 2013
2. Map Projection: NAD 1983

DRAWING NUMBER:
FIGURE 1
SHEET NUMBER:
1 of 1



AREA MAP
COG OPERATING, LLC
MILKY WAY FEE 002 (09.04.21)
EDDY COUNTY, NEW MEXICO
32.412599°, -104.200644°

SCALE: As Shown | Date: 11/2/2021 | Project #:214671

New Tech Global Environmental, LLC
911 Regional Park Drive
Houston, Texas 77060
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NOTES:
1. Base Image: ESRI Maps & Data 2013
2. Map Projection: NAD 1983

DRAWING NUMBER:
FIGURE 2
SHEET NUMBER:
1 of 1

SAMPLE LOCATION MAP
COG OPERATING, LLC
MILKY WAY FEE 002 (09.04.21)
EDDY COUNTY, NEW MEXICO
32.4125991°, -104.200644°

SCALE: As Shown | Date: 11/2/2021 | Project #:214671

New Tech Global Environmental, LLC
911 Regional Park Drive
Houston, Texas 77060
T - 281.872.9300
F - 281.872.4521
Web: www.ntglobal.com

NOTES:
1. Base Image:Google Earth
2. Map Projection: NAD 1983

DRAWING NUMBER:
FIGURE 3
SHEET NUMBER:
1 of 1

Document Path: P:\2021 PROJECTS\COG\RSC\214671 Milky Way Fee 002 (09.04.21)\7 - Figures\MXDs\Figure_3_MilkyWayFee_Sample Location Map.mxd

PROPOSED EXCAVATION MAP
COG OPERATING, LLC
MILKY WAY FEE 002 (09.04.21)
EDDY COUNTY, NEW MEXICO
32.4125991°, -104.200644°

SCALE: As Shown | Date: 11/2/2021 | Project #:214671

New Tech Global Environmental, LLC
911 Regional Park Drive
Houston, Texas 77060
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Web: www.ntglobal.com

NOTES:
1. Base Image:Google Earth
2. Map Projection: NAD 1983

DRAWING NUMBER:
FIGURE 4
SHEET NUMBER:
1 of 1

Document Path: P:\2021 PROJECTS\COG\RSC\214671 Milky Way Fee 002 (09.04.21)\7 - Figures\MXDs\Figure_4_MilkyWayFee_ProposedExcavationMap.mxd

Tables

Table 1
COG Operating
Milky Way Fee (09.04.21)
Eddy County, New Mexico

Sample ID	Date	Sample Depth (ft)	TPH (mg/kg)				Benzene (mg/kg)	Toluene (mg/kg)	Ethlybenzene (mg/kg)	Xylene (mg/kg)	Total BTEX (mg/kg)	Chloride (mg/kg)
			DRO	GRO	MRO	Total						
S-1	9/15/2021	0-1'	<49.9	<49.9	<49.9	<49.9	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	22.4
	"	1'-1.5'	<49.8	<49.8	<49.8	<49.8	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	7.50
S-2	9/15/2021	0-1'	**291**	<50.0	**67.5**	**359**	0.00275	<0.00200	<0.00200	<0.00401	<0.00401	**16,300**
	"	1'-1.5'	<50.0	<50.0	<50.0	<50.0	<0.00202	<0.00202	<0.00202	<0.00403	<0.00403	**6,190**
Trench 1	10/7/2021	0-1'	**7,830**	<49.9	**1,690**	**9,520**	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	**4,330**
	"	1'	**109**	<49.8	<49.8	**109**	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	**3,920**
	"	2'	**284**	<49.9	**224**	**508**	<0.00202	<0.00202	<0.00202	<0.00403	<0.00403	**2,080**
	"	3'	**148**	<49.8	95.0	**243**	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	**939**
	"	4'	**104**	<49.9	<49.9	**104**	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	**1,060**
	"	5'	61.8	<50.0	<50.0	61.8	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	**1,760**
	"	6'	77.2	<50.0	<50.0	77.2	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	**672**
	"	7'	61.9	<49.8	<49.8	61.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	**619**
	"	8'	<49.9	<49.9	<49.9	<49.9	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	**401**
	"	9'	**2,450**	90.7	**185**	**2,730**	0.221	0.257	4.48	21.4	26.3	**1,280**
	"	10'	<49.9	<49.9	<49.9	<49.9	<0.00200	0.00630	0.00737	0.0353	0.0490	51.1
	"	11'	<50.0	59.0	<50.0	59.0	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	54.7
S-3	9/15/2021	0-1'	**383**	<49.8	**95.2**	**478**	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	**15,200**
	"	1'-1.5'	<50.0	<50.0	<50.0	<50.0	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	**5,760**
Trench 2	10/7/2021	0-1'	**733**	<49.9	**133**	**866**	<0.00202	0.00432	<0.00202	<0.00403	0.00432	**2,670**
	"	1'	52.5	<49.8	<49.8	52.5	<0.00201	0.00382	<0.00201	<0.00402	<0.00402	**3,210**
	"	2'	<50.0	<50.0	<50.0	<50.0	<0.00200	0.00206	<0.00200	<0.00399	<0.00399	**382**
	"	3'	<49.9	<49.9	<49.9	<49.9	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	47.4
	"	4'	<49.8	<49.8	<49.8	<49.8	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	33.6
S-4	9/15/2021	0-1'	**562**	<49.8	**148**	**710**	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	**14,400**
	"	1'-1.5'	56.1	<50.0	<50.0	56.1	0.00263	<0.00199	0.00278	<0.00398	0.00541	**5,490**
Trench 3	10/7/2021	0-1'	**406**	<49.8	96.9	**503**	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	**9,240**
	"	1'	56.2	<50.0	<50.0	56.2	<0.00198	<0.00198	<0.00198	<0.00397	<0.00397	**6,150**
	"	2'	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	**822**
	"	3'	53.4	<49.8	<49.8	53.4	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	**1,570**
	"	4'	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	42.3
	"	5'	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	129
S-5	9/15/2021	0-1'	**299**	<50.0	**79.5**	**379**	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	**14,100**
	"	1'-1.5'	<50.0	<50.0	<50.0	<50.0	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	**6,310**
Trench 4	10/7/2021	0-1'	**600**	<49.8	**111**	**711**	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	**509**
	"	1'	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	41.3
	"	2'	<49.8	<49.8	<49.8	<49.8	0.357	0.0835	<0.0401	<0.0802	0.516	63.0
	"	3'	<49.9	<49.9	<49.9	<49.9	0.653	0.239	0.0580	<0.0808	1.03	218
	"	4'	<50.0	<50.0	<50.0	<50.0	0.664	0.666	4.28	2.01	7.62	217
S-6	9/15/2021	0-1'	<49.8	<49.8	<49.8	<49.8	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	57.7
	"	1'-1.5'	<50.0	<50.0	<50.0	<50.0	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	18.7
H-1	9/15/2021	0-0.5'	<49.8	<49.8	<49.8	<49.8	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	7.89
H-2	9/15/2021	0-0.5'	<50.0	<50.0	<50.0	<50.0	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	<4.95
H-3	9/15/2021	0-0.5'	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	<4.95
H-4	9/15/2021	0-0.5'	<49.8	<49.8	<49.8	<49.8	<0.00202	<0.00202	<0.00202	<0.00403	<0.00403	<5.04
Regulatory Limits [A]						**100 mg/kg**	**10 mg/kg**				**50 mg/kg**	**600 mg/kg**

- Proposed Excavation Depth

(-) Not Analyzed

[A] – Table 1 - 19.15.29 NMAC

mg/kg - milligram per kilogram

TPH- Total Petroleum Hydrocarbons

ft-feet

Photo Log

PHOTOGRAPHIC LOG

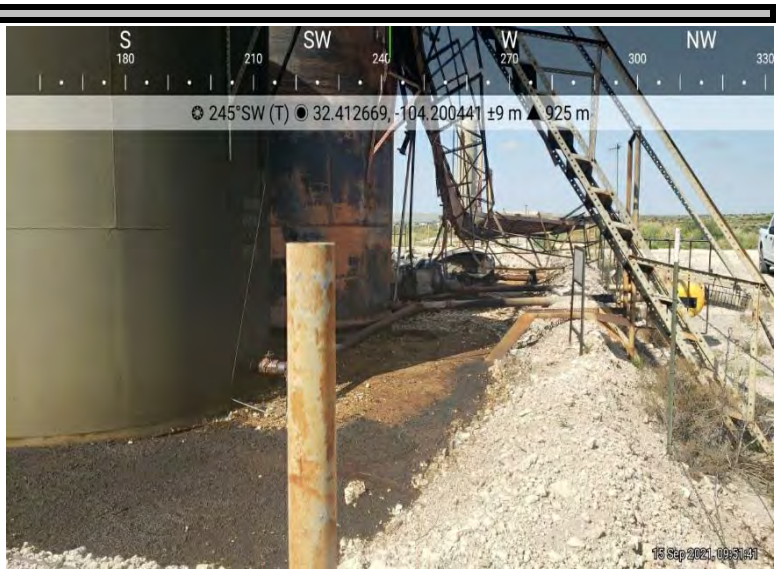
COG Operating, LLC

Photograph No. 1

Facility: Milky Way Fee (09.04.21)

County: Eddy County, New Mexico

Description:
View Southwest, area of S-2 (Trench-1), S-5 (Trench-4), & S-6.

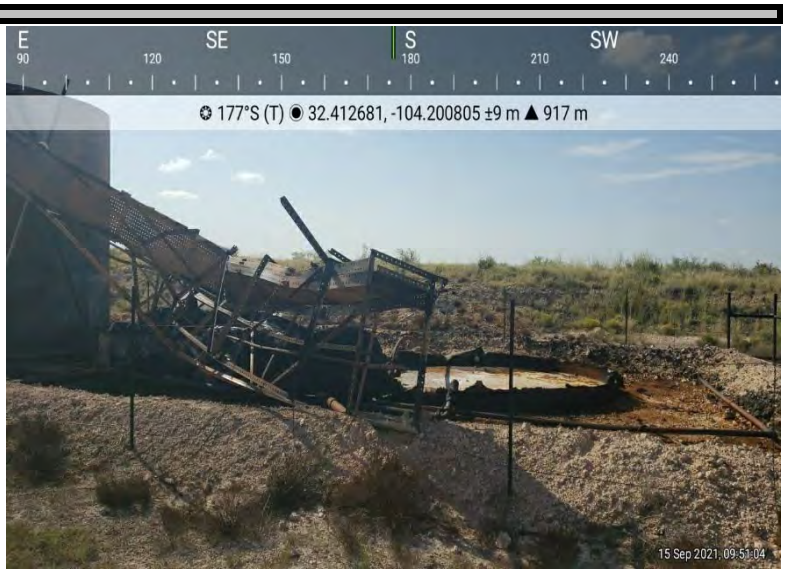


Photograph No. 2

Facility: Milky Way Fee (09.04.21)

County: Eddy County, New Mexico

Description:
View South, area of S-4 (Trench-3) & S-5 (Trench-4).



Photograph No. 3

Facility: Milky Way Fee (09.04.21)

County: Eddy County, New Mexico

Description:
View West, area of S-(1-6) (Trench-1 - Trench-6).

PHOTOGRAPHIC LOG

COG Operating, LLC

Photograph No. 4

Facility: Milky Way Fee (09.04.21)

County: Eddy County, New Mexico

Description:
View West, area of S-2 (Trench-1).

Photograph No. 5

Facility: Milky Way Fee (09.04.21)

County: Eddy County, New Mexico

Description:
View West, area of S-1, S-3 (Trench-2),
& S-4 (Trench-3).

Photograph No. 6

Facility: Milky Way Fee (09.04.21)

County: Eddy County, New Mexico

Description:
View Southeast, area of S-1.

PHOTOGRAPHIC LOG

COG Operating, LLC

Photograph No. 7

Facility: Milky Way Fee (09.04.21)

County: Eddy County, New Mexico

Description:
View Southeast, area of S-4 (Trench-3) & 5 (Trench-4).

Appendix A

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

State of New Mexico
Energy Minerals and Natural Resources Department

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

Form C-141
Revised August 24, 2018
Submit to appropriate OCD District office

Incident ID	NAPP2126447227
District RP	
Facility ID	
Application ID	

Release Notification

Responsible Party

Responsible Party	COG Operating, LLC	OGRID	229137
Contact Name	Jacqui Harris	Contact Telephone	(575) 496-0780
Contact email	Jacqui.Harris@ConocoPhillips.com	Incident # *(assigned by OCD)*	NAPP2126447227
Contact mailing address	600 West Illinois Avenue, Midland, Texas 79701		

Location of Release Source

Latitude 32.41251 Longitude -104.20063
(NAD 83 in decimal degrees to 5 decimal places)

Site Name	Milky Way Fee 002	Site Type	Tank Battery
Date Release Discovered	September 4, 2021	API# *(if applicable)*	30-015-33150

Unit Letter	Section	Township	Range	County
D	09	22S	27E	Eddy

Surface Owner: ☐ State ☐ Federal ☐ Tribal ☒ Private (*Name:* Murphy, Elaine Mead Revocable TRST)

Nature and Volume of Release

Material(s) Released (Select all that apply and attach calculations or specific justification for the volumes provided below)

☐ Crude Oil	Volume Released (bbls)	Volume Recovered (bbls)
☒ Produced Water	Volume Released (bbls) 80	Volume Recovered (bbls) 0
	Is the concentration of dissolved chloride in the produced water >10,000 mg/l?	☒ Yes ☐ No
☐ Condensate	Volume Released (bbls)	Volume Recovered (bbls)
☐ Natural Gas	Volume Released (Mcf)	Volume Recovered (Mcf)
☐ Other (describe)	Volume/Weight Released (provide units)	Volume/Weight Recovered (provide units)

Cause of Release

The release was caused by a lightning strike that occured to the water tanks resulting in a fire. The release and fire occurred on the pad.

State of New Mexico
Oil Conservation Division

Incident ID	NAPP2126447227
District RP	
Facility ID	
Application ID	

Was this a major release as defined by 19.15.29.7(A) NMAC? ☒ Yes ☐ No	If YES, for what reason(s) does the responsible party consider this a major release? The volume released was greater than 25 barrels.

If YES, was immediate notice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)?
Immediate notice was given by Jacqui Harris via e-mail September 6, 201 at 8:33 pm to ocd.enviro@state.nm.us.

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.
- ☒ The impacted area has been secured to protect human health and the environment.
- ☒ Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices.
- ☒ All free liquids and recoverable materials have been removed and managed appropriately.

If all the actions described above have not been undertaken, explain why:

Per 19.15.29.8 B. (4) NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please attach a narrative of actions to date. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see 19.15.29.11(A)(5)(a) NMAC), please attach all information needed for closure evaluation.

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: Brittany N. Esparza Title: Environmental Technician

Signature: Brittany Esparza Date: 9/20/2021

email: Brittany.Esparza@ConocoPhillips.com Telephone: (432) 221-0398

OCD Only

Received by: Ramona Marcus Date: 9/21/2021

District I
1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-6161 Fax:(575) 393-0720
District II
811 S. First St., Artesia, NM 88210
Phone:(575) 748-1283 Fax:(575) 748-9720
District III
1000 Rio Brazos Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170
District IV
1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3462

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

CONDITIONS

Action 50689

CONDITIONS

Operator: COG OPERATING LLC 600 W Illinois Ave Midland, TX 79701	OGRID: 229137
	Action Number: 50689
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
rmarcus	When submitting future reports regarding this release, please submit the calculations used or specific justification for the volumes reported on the initial C-141	9/21/2021

State of New Mexico
Oil Conservation Division

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?	_____ (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.

Form C-141
Page 4

State of New Mexico
Oil Conservation Division

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: _____ Title: _____

Signature: Jacqui Harris Date: _____

email: _____ Telephone: _____

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: _____ Title: _____

Signature: Jacqui Harris Date: _____

email: _____ Telephone: _____

OCD Only

Received by: _____ Date: _____

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

Signature: _____ Date: _____

Appendix B

Nearest Water Well

COG Operating, LLC

Legend

- 0.50 Mile Radius
- 0.71 Miles
- 0.73 Miles
- 0.77 Miles
- Milky Way Fee #2 (09.04.21)
- NMSEO Water Well

Milky Way Fee #2 (09.04.21)

25' - Drilled 1983

18' - Drilled 1991

18' - Drilled 1973

E Wood Ave

216

N

3000 ft

Google Earth

Medium Karst

COG Operating, LLC

Legend

- MEDIUM
- Milky Way Fee #2 (09.04.21)

634
631
632
239
62
604
605
Carlsbad
62
524
605
Milky Way Fee #2 (09.04.21)
Pecos River
216
216
605
N
1 mi
Google Earth
© 2021 Google

New Mexico Office of the State Engineer
Water Column/Average Depth to Water

(A CLW##### in the POD suffix indicates the POD has been replaced & no longer serves a water right file.)

(R=POD has been replaced, O=orphaned, C=the file is closed)

(quarters are 1=NW 2=NE 3=SW 4=SE)
(quarters are smallest to largest)

(NAD83 UTM in meters)

(In feet)

POD Number	Code	POD Sub-basin	County	Q 64	Q 16	Q 4	Sec	Tws	Rng	X	Y	Depth Well	Depth Water	Water Column
C 00009		CUB	ED	3	3	3	22	22S	27E	576641	3581908	165	100	65
C 00012		C	ED				18	22S	27E	572515	3584168*	120		
C 00013		C	ED		3	2	18	22S	27E	572683	3584396*	120		
C 00014		CUB	ED	3	2	3	28	22S	27E	575434	3580672*	202		
C 00014 CLW244969	O	CUB	ED	3	3	1	28	22S	27E	575028	3581074*	205		
C 00014 CLW244972	O	CUB	ED	3	3	1	28	22S	27E	575028	3581074*	205		
C 00014 S		CUB	ED	3	3	1	28	22S	27E	575028	3581074*	205		
C 00015		CUB	ED	4	4	4	28	22S	27E	576444	3580276*	200		
C 00015 CLW238653	O	CUB	ED		1	4	28	22S	27E	575938	3580778*	200		
C 00016		CUB	ED	3	3	1	21	22S	27E	575018	3582698	167		
C 00016 CLW202898	O	CUB	ED	3	3	1	21	22S	27E	575018	3582698*	209		
C 00017		C	ED	3	3	2	19	22S	27E	572589	3582669*	125		
C 00020		CUB	ED	4	4	4	07	22S	27E	573181	3585119*	50		
C 00021 A		CUB	ED	4	4	4	09	22S	27E	576421	3585150*	196	40	156
C 00021 CLW193276	O	CUB	ED	4	4	4	09	22S	27E	576421	3585150*	100		
C 00023		CUB	ED	3	3	3	09	22S	27E	575005	3585137*	90	35	55
C 00023 CLW193948	O	CUB	ED	3	3	3	09	22S	27E	575005	3585137*	90	35	55
C 00023 S		CUB	ED	3	3	3	09	22S	27E	575005	3585137*	90		
C 00027		CUB	ED	4	4	3	21	22S	27E	575628	3581891	166		
C 00027 CLW238752	O	CUB	ED	4	4	3	21	22S	27E	575628	3581891*	166		
C 00030		CUB	ED	1	2	3	34	22S	27E	577062	3579267*	205	50	155
C 00030 CLW193032	O	CUB	ED	1	2	3	34	22S	27E	577062	3579267*	205		
C 00030 CLW193040	O	CUB	ED	1	3	2	34	22S	27E	577465	3579680*	220	69	151
C 00030 CLW193055	O	CUB	ED	1	3	2	34	22S	27E	577465	3579680*	205		
C 00030 S		CUB	ED	1	3	2	34	22S	27E	577465	3579680*	200	69	131
C 00031		CUB	ED	3	1	3	32	22S	27E	573423	3579019	208	170	38

***UTM location was derived from PLSS - see Help**

(A CLW##### in the POD suffix indicates the POD has been replaced & no longer serves a water right file.)

(R=POD has been replaced, O=orphaned, C=the file is closed)

(quarters are 1=NW 2=NE 3=SW 4=SE)
(quarters are smallest to largest) (NAD83 UTM in meters) (In feet)

POD Number	POD Sub-Code	basin	County	Q 64	Q 16	Q 4	Sec	Tws	Rng	X	Y	Depth Well	Depth Water	Water Column
C 00031 C		CUB	ED	1	4	4	30	22S	27E	573010	3580430*	204	172	32
C 00033		C	ED				19	22S	27E	572516	3582546*	85		
C 00037		C	ED	2	4	4	18	22S	27E	573191	3583678*	100		
C 00040		C	ED		2	2	19	22S	27E	573093	3583175*	100		
C 00042		C	ED		2	2	19	22S	27E	573093	3583175*	100		
C 00043		C	ED	3	3	3	14	22S	27E	578256	3583557*	120		
C 00049		C	ED	3	2	1	07	22S	27E	572167	3586303*	105		
C 00056		CUB	ED	1	3	2	28	22S	27E	575835	3581284*	98		
C 00062		CUB	ED		1	3	29	22S	27E	573511	3580743*	270		
C 00062 A-S		CUB	ED	3	1	1	32	22S	27E	573417	3579830*	200	100	100
C 00066		CUB	ED	1	1	1	20	22S	27E	573396	3583277*	160		
C 00074		CUB	ED	2	3	3	20	22S	27E	573601	3582060*	222	52	170
C 00077		CUB	ED	1	1	1	26	22S	27E	578266	3581726*	118	40	78
C 00078		CUB	ED	3	1	3	26	22S	27E	578269	3580712*	180		
C 00091		CUB	ED	4	3	3	08	22S	27E	573585	3585121*	300		
C 00091 CLW193608	O	CUB	ED	4	3	3	08	22S	27E	573585	3585121*	300		
C 00092		CUB	ED	4	3	3	09	22S	27E	575205	3585137*	70	40	30
C 00092 A	O	CUB	ED	1	3	4	09	22S	27E	575815	3585346*	200		
C 00092 CLW193601	O	CUB	ED	4	3	3	09	22S	27E	575205	3585137*	90	40	50
C 00092 CLW193956	O	CUB	ED	4	3	3	09	22S	27E	575205	3585137*	90	40	50
C 00092 CLW193966	O	CUB	ED	4	3	3	09	22S	27E	575205	3585137*	90	40	50
C 00093		CUB	ED	3	2	4	35	22S	27E	579487	3579109*	210	140	70
C 00093 CLW226379	O	CUB	ED	3	2	4	35	22S	27E	579487	3579109*	200		
C 00093 POD3		CUB	ED	3	2	4	35	22S	27E	579487	3579109*	174	60	114
C 00093 S		CUB	ED	1	3	3	36	22S	27E	579831	3578986	192	57	135
C 00095		CUB	ED	3	2	3	27	22S	27E	577052	3580694*	157		
C 00095 CLW196524	O	CUB	ED	2	1	3	27	22S	27E	576847	3580888*	157	112	45
C 00102		CUB	ED	1	3	1	16	22S	27E	575009	3584524*	164	70	94
C 00114		CUB	ED	3	1	4	20	22S	27E	574210	3582279*	253		

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(quarters are 1=NW 2=NE 3=SW 4=SE)
(quarters are smallest to largest) (NAD83 UTM in meters) (In feet)

POD Number	Code	POD Sub-basin	County	Q 64	Q 16	Q 4	Sec	Tws	Rng	X	Y	Depth Well	Depth Water	Water Column
C 00130	O	CUB	ED	2	1	1	20	22S	27E	573596	3583277*	120		
C 00130 CLW240294	O	CUB	ED	2	1	1	20	22S	27E	573596	3583277*	120		
C 00147		C	ED	1	3	1	20	22S	27E	573398	3582872*	53		
C 00148		C	ED	2	2	1	17	22S	27E	573992	3584916*	60		
C 00150		CUB	ED	3	1	1	27	22S	27E	576643	3581501*	80		
C 00150 A	O	CUB	ED	3	1	1	27	22S	27E	576643	3581501*	147		
C 00152		C	ED	3	3	3	22	22S	27E	576641	3581908*	151		
C 00153		C	ED	3	4	1	17	22S	27E	573794	3584307*	140		
C 00160		C	ED	2	3	3	10	22S	27E	576826	3585355*	85	40	45
C 00160 CLW198701	O	C	ED	2	3	3	10	22S	27E	576826	3585355*			
C 00163		C	ED	2	4	3	20	22S	27E	574007	3582067*	184	80	104
C 00169		C	ED	2	1	4	07	22S	27E	572775	3585716*	150		
C 00171		CUB	ED	1	2	4	34	22S	27E	577870	3579279*	198	21	177
C 00171 CLW193980	O	CUB	ED	1	2	4	34	22S	27E	577870	3579279*	265		
C 00178		CUB	ED	1	2	3	35	22S	27E	578677	3579293*	119		
C 00191		CUB	ED	3	3	2	33	22S	27E	575844	3579458*	200		
C 00193		CUB	ED	1	3	1	33	22S	27E	575035	3579649*	190		
C 00194		C	ED	1	4	3	27	22S	27E	577054	3580487*	165	100	65
C 00204		CUB	ED	3	3	2	32	22S	27E	574227	3579437*	170		
C 00204 CLW194896	O	CUB	ED	3	3	2	32	22S	27E	574227	3579437*	170		
C 00209		C	ED	3	2	4	25	22S	27E	581111	3580763*	125		
C 00210		CUB	ED	3	3	2	35	22S	27E	579082	3579508*	211		
C 00210 CLW193708	O	CUB	ED	3	3	2	35	22S	27E	579082	3579508*	211		
C 00212 CLW193845	O	CUB	ED	1	1	1	35	22S	27E	578271	3580099*			
C 00215		CUB	ED	4	3	2	33	22S	27E	576044	3579458*	180	150	30
C 00228		CUB	ED	1	3	2	31	22S	27E	572613	3579617*	210		
C 00228 S		CUB	ED	2	2	2	31	22S	27E	573213	3580025*	225	145	80
C 00229		CUB	ED	1	1	1	34	22S	27E	576650	3580074	200		
C 00231 A		CUB	ED	1	4	1	23	22S	27E	578666	3582951*	178	45	133

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(quarters are 1=NW 2=NE 3=SW 4=SE)
(quarters are smallest to largest)

(NAD83 UTM in meters)

(In feet)

POD Number	POD Code	Sub-basin	County	Q 64	Q 16	Q 4	Sec	Tws	Rng	X	Y	Depth Well	Depth Water	Water Column
C 00239		C	ED		1	2	17	22S	27E	574298	3584822*	58		
C 00239 POD2		C	ED	1	1	2	17	22S	27E	574197	3584921*	56	28	28
C 00249		C	ED	2	2	2	31	22S	27E	573213	3580025*	200		
C 00251		C	ED		4	4	22	22S	27E	577959	3582027*	84		
C 00267		C	ED	3	1	1	16	22S	27E	575007	3584730*	54	42	12
C 00271		C	ED		1	4	07	22S	27E	572676	3585617*	111	30	81
C 00273		C	ED	1	2	1	16	22S	27E	575412	3584935*	100		
C 00278		C	ED	3	3	1	20	22S	27E	573398	3582672*	80		
C 00279		C	ED		2	2	26	22S	27E	579583	3581647*	160	48	112
C 00282		CUB	ED	3	2	2	26	22S	27E	579482	3581546*	125	50	75
C 00284		C	ED		2	1	15	22S	27E	577134	3584856*	130	20	110
C 00286	C	CUB	ED	4	4	4	35	22S	27E	579688	3578702*	150		
C 00287		CUB	ED	3	1	3	34	22S	27E	576657	3579061*			
C 00292		CUB	ED	2	2	1	20	22S	27E	574001	3583285*	183		
C 00292 CLW238488	O	CUB	ED	2	2	1	20	22S	27E	574001	3583285*	183		
C 00294		CUB	ED	3	3	4	24	22S	27E	580701	3581970*	156	15	141
C 00308		C	ED		4	2	07	22S	27E	573077	3586019*	35		
C 00322		C	ED	3	3	2	17	22S	27E	574199	3584313*	70		
C 00343		CUB	ED	4	3	2	32	22S	27E	574427	3579437*	200		
C 00343 CLW242784	O	CUB	ED	3	3	2	32	22S	27E	574227	3579437*	193	143	50
C 00356		C	ED				34	22S	27E	577363	3579359*	155	45	110
C 00357		C	ED	4	4	2	17	22S	27E	574804	3584318*	170	50	120
C 00360		CUB	ED	4	4	3	08	22S	27E	573990	3585125*	125		
C 00360 A		CUB	ED	3	3	4	08	22S	27E	574195	3585129*	90		
C 00360 CLW229790	O	CUB	ED	4	4	3	08	22S	27E	573990	3585125*	125		
C 00393		CUB	ED	3	1	3	25	22S	27E	579890	3580742*	200	30	170
C 00393 CLW198205	O	CUB	ED	3	1	3	25	22S	27E	579890	3580742*	193	37	156
C 00393 CLW198226	O	CUB	ED	3	1	3	25	22S	27E	579890	3580742*	200	40	160
C 00393 CLW223748	O	CUB	ED	3	1	3	25	22S	27E	579890	3580742*	200	30	170

***UTM location was derived from PLSS - see Help**

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(quarters are 1=NW 2=NE 3=SW 4=SE)
(quarters are smallest to largest) (NAD83 UTM in meters) (In feet)

POD Number	Code	POD Sub-basin	County	Q 64	Q 16	Q 4	Sec	Tws	Rng	X	Y	Depth Well	Depth Water	Water Column
C 00403		C	ED		2	1	16	22S	27E	575513	3584836*	106	34	72
C 00410		CUB	ED	4	4	3	26	22S	27E	578875	3580313*	150	50	100
C 00410 CLW195750	O	CUB	ED	3	4	4	26	22S	27E	579486	3580329*	209	41	168
C 00412		C	ED		4	4	08	22S	27E	574701	3585234*	237	40	197
C 00436		C	ED		3	3	26	22S	27E	578371	3580407*	88	48	40
C 00444		CUB	ED	3	1	3	08	22S	27E	573382	3585522*	90		
C 00451		CUB	ED		4	2	30	22S	27E	573104	3581143*	256	130	126
C 00455		C	ED	2	2	2	34	22S	27E	578066	3580093*	133		
C 00467		C	ED		2	4	27	22S	27E	577964	3580807*	200	74	126
C 00479		C	ED			3	03	22S	27E	576919	3587082*	200		
C 00480		C	ED	3	4	2	17	22S	27E	574604	3584318*	200		
C 00486		C	ED	4	4	4	28	22S	27E	576444	3580276*	146		
C 00496	O	CUB	ED	3	3	4	35	22S	27E	579083	3578694*	225		
C 00496 POD2		CUB	ED	4	4	4	35	22S	27E	579688	3578702*	172	30	142
C 00496 POD3		CUB	ED	4	4	4	35	22S	27E	579688	3578702*	152	21	131
C 00514		C	ED				06	22S	27E	572498	3587396*	50		
C 00515		CUB	ED	3	4	4	33	22S	27E	576254	3578650*	180	80	100
C 00515 CLW197977	O	CUB	ED	3	4	4	33	22S	27E	576254	3578650*	180		
C 00526		C	ED	3	2	1	17	22S	27E	573792	3584716*	325		
C 00531		CUB	ED	1	1	1	35	22S	27E	578271	3580099*	150	87	63
C 00532		C	ED	2	2	2	27	22S	27E	578060	3581720*	90		
C 00540		CUB	ED	3	1	3	20	22S	27E	573399	3582266*	300		
C 00540 CLW449978	O	CUB	ED		2	1	20	22S	27E	573803	3582878*	148	45	103
C 00540 POD2		CUB	ED	1	4	1	20	22S	27E	573803	3582878*	148	45	103
C 00541		CUB	ED	3	4	1	20	22S	27E	573803	3582678*	148		
C 00542		CUB	ED	3	1	1	20	22S	27E	573396	3583077*	120		
C 00559		C	ED	3	4	4	29	22S	27E	574628	3580255*	200		
C 00562		C	ED	4	2	4	27	22S	27E	578063	3580706*	150		
C 00572		CUB	ED	2	4	1	27	22S	27E	577250	3581301*	98	90	8

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(quarters are 1=NW 2=NE 3=SW 4=SE)
(quarters are smallest to largest) (NAD83 UTM in meters) (In feet)

POD Number	POD Code	Sub-basin	County	Q 64	Q 16	Q 4	Sec	Tws	Rng	X	Y	Depth Well	Depth Water	Water Column
C 00576		CUB	ED	3	1	1	15	22S	27E	576628	3584749*	119	184	-65
C 00576 S		CUB	ED	2	4	1	15	22S	27E	577235	3584550	172	48	124
C 00582		CUB	ED	1	3	1	14	22S	27E	578252	3584567*	60		
C 00586		CUB	ED	1	2	3	35	22S	27E	578677	3579293*	254		
C 00587		C	ED	2	2	2	28	22S	27E	576438	3581696*	130	84	46
C 00588		C	ED	2	2	1	27	22S	27E	577248	3581707*	200		
C 00589		CUB	ED	2	4	4	04	22S	27E	576412	3586974*			
C 00597		C	ED	1	2	3	29	22S	27E	573815	3580848*	140	90	50
C 00611		CUB	LE	1	1	3	17	22S	27E	573392	3584092*	185	60	125
C 00613		C	ED	4	2	4	21	22S	27E	576434	3582309*	100	60	40
C 00614		C	ED	3	1	3	22	22S	27E	576639	3582314*	95	60	35
C 00619		C	ED	3	3	2	32	22S	27E	574227	3579437*	250		
C 00621		CUB	ED		4	2	19	22S	27E	573094	3582771*	265		
C 00627		C	ED			1	13	22S	27E	580178	3584690*	100		
C 00628		C	ED	2	3	3	20	22S	27E	573601	3582060*	175	80	95
C 00640		C	ED	2	2	1	17	22S	27E	573992	3584916*	60	34	26
C 00644		CUB	ED	3	2	4	33	22S	27E	576251	3579056*	190		
C 00644 CLW198574	O	CUB	ED	3	2	4	33	22S	27E	576251	3579056*	100		
C 00653		C	ED	1	1	2	34	22S	27E	577462	3580087*	120	80	40
C 00663		C	ED				17	22S	27E	574098	3584187*	115	30	85
C 00680		C	ED	3	1	3	35	22S	27E	578272	3579085*	150	46	104
C 00693		C	ED	2	2	1	16	22S	27E	575612	3584935*	70	34	36
C 00700		CUB	ED	3	3	2	15	22S	27E	577441	3584355*	132		
C 00701		C	ED		2	1	16	22S	27E	575513	3584836*	65	34	31
C 00717		C	ED	3	3	1	05	22S	27E	573369	3587548*	60	32	28
C 00733		C	ED	4	3	3	20	22S	27E	573601	3581860*	220	60	160
C 00744		CUB	ED	3	3	4	10	22S	27E	577437	3585166*	175		
C 00747		CUB	ED	3	3	2	21	22S	27E	575828	3582709*	148	85	63
C 00747 CLW198561	O	CUB	ED	3	3	2	21	22S	27E	575828	3582709*	148		

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POD Number	Code	POD Sub-basin	County	Q 64	Q 16	Q 4	Sec	Tws	Rng	X	Y	Depth Well	Depth Water	Water Column
C 00760		C	ED				16	22S	27E	575717	3584215*	72	44	28
C 00770		CUB	ED	3	3	4	25	22S	27E	580705	3580351*	200	44	156
C 00770 CLW202385	O	CUB	ED	1	3	4	25	22S	27E	580705	3580551*	210	22	188
C 00770 S		CUB	ED	1	3	4	25	22S	27E	580705	3580551*	210		
C 00783		C	ED	3	1	3	05	22S	27E	573372	3587136*	135	73	62
C 00825		CUB	ED	3	3	3	26	22S	27E	578270	3580306*	132	68	64
C 00836		C	ED	3	1	1	13	22S	27E	579874	3584794*	175	52	123
C 00870		CUB	ED	3	3	1	36	22S	27E	579892	3579523*	200	50	150
C 00880		C	ED	4	2	2	34	22S	27E	578066	3579893*	190		
C 00901		C	ED	1	2	1	27	22S	27E	577048	3581707*	193	40	153
C 00971		C	ED		3	3	13	22S	27E	579981	3583679*	60	18	42
C 00978		C	ED	3	3	2	18	22S	27E	572582	3584295*	200	68	132
C 00978 POD2		C	ED	3	3	2	18	22S	27E	572582	3584295*	200	68	132
C 00981		C	ED	2	2	2	34	22S	27E	578066	3580093*	250	41	209
C 01010		C	ED		4	3	16	22S	27E	575519	3583617*	150		
C 01035		C	ED			3	20	22S	27E	573703	3582162*	90	75	15
C 01037		C	ED	2	2	2	31	22S	27E	573213	3580025*	141	109	32
C 01056		C	ED	2	4	1	17	22S	27E	573994	3584507*	115	45	70
C 01086		C	ED			1	30	22S	27E	572121	3581328*	200	140	60
C 01088		C	ED	3	3	3	12	22S	27E	579872	3585199*	64	36	28
C 01097		C	ED	1	1	2	16	22S	27E	575817	3584940*	155	38	117
C 01110		C	ED	3	1	3	16	22S	27E	575011	3583917*	97		
C 01172		CUB	ED	3	4	3	34	22S	27E	577064	3578661*	220		
C 01184		C	ED	4	4	4	30	22S	27E	573210	3580230*	144	131	13
C 01209		C	ED		2	2	01	22S	27E	581173	3588142*	150		
C 01242		CUB	ED	1	3	3	23	22S	27E	578264	3582133*	155	40	115
C 01275		CUB	ED	1	2	3	17	22S	27E	573797	3584100*	205	45	160
C 01286		C	ED		2	3	36	22S	27E	580401	3579227*	210	60	150
C 01291		C	ED	4	2	1	06	22S	27E	572354	3587914*	50		

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POD Number	POD Code	Sub-basin	County	Q 64	Q 16	Q 4	Sec	Tws	Rng	X	Y	Depth Well	Depth Water	Water Column
C 01312		CUB	ED		3	1	35	22S	27E	578373	3579593*	203	65	138
C 01356		C	ED	4	2	4	30	22S	27E	573207	3580636*	210	130	80
C 01383		C	ED	4	3	3	20	22S	27E	573601	3581860*	65	50	15
C 01407		CUB	ED	3	3	1	16	22S	27E	575009	3584324*	86		
C 01478		C	ED	2	2	4	30	22S	27E	573207	3580836*	172	149	23
C 01493		C	ED	2	3	3	09	22S	27E	575205	3585337*	60	18	42
C 01504		C	ED	4	3	2	17	22S	27E	574399	3584313*	65	45	20
C 01523		C	ED	3	3	1	35	22S	27E	578272	3579492*	118	60	58
C 01545		C	ED	1	3	1	16	22S	27E	575009	3584524*	90		
C 01560		C	ED		2	1	16	22S	27E	575513	3584836*	80	37	43
C 01578		CUB	ED	1	4	3	17	22S	27E	573799	3583692*	225	55	170
C 01578 CLW199122	O	CUB	ED	1	1	1	20	22S	27E	573396	3583277*	205		
C 01590		C	ED		3	1	13	22S	27E	579977	3584489*	100	40	60
C 01621		CUB	ED	3	1	3	08	22S	27E	573382	3585522*	82	24	58
C 01625		C	ED			1	18	22S	27E	572109	3584591*	36	28	8
C 01677		C	ED		1	3	13	22S	27E	579979	3584084*	56	20	36
C 01691		C	ED	3	1	1	30	22S	27E	571816	3581434*	210	68	142
C 01700		C	ED		3	3	34	22S	27E	576760	3578756*	205	118	87
C 01713		C	ED	3	1	3	23	22S	27E	578262	3582339*	101	46	55
C 01722		C	ED	3	1	1	13	22S	27E	579874	3584794*	180	64	116
C 01744		C	ED		4	4	28	22S	27E	576345	3580377*	140	100	40
C 01749		C	ED			3	32	22S	27E	573728	3578915*	156	126	30
C 01761		C	ED			3	35	22S	27E	578575	3578980*	135	85	50
C 01768		C	ED		2	1	20	22S	27E	573902	3583186*	104		
C 01776		C	ED		3	1	23	22S	27E	578361	3582846*	157	40	117
C 01790		C	ED		1	1	06	22S	27E	571887	3588005*	59	17	42
C 01801		C	ED		3	3	34	22S	27E	576760	3578756*	220		
C 01805		C	ED			3	23	22S	27E	578566	3582235*	125	98	27
C 01829		CUB	ED	3	2	4	28	22S	27E	576242	3580682*	125		

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POD Number	Code	POD Sub-basin	County	Q 64	Q 16	Q 4	Sec	Tws	Rng	X	Y	Depth Well	Depth Water	Water Column
C 01833		C	ED			3	32	22S	27E	573728	3578915*	180	155	25
C 01853		C	ED		1	2	16	22S	27E	575918	3584841*	55	42	13
C 01861		C	ED		2	1	16	22S	27E	575513	3584836*	60		
C 01953		C	ED		2	3	17	22S	27E	573898	3584001*	82	42	40
C 02063		C	ED				08	22S	27E	574089	3585825*	45	25	20
C 02117		CUB	ED	1	1	2	28	22S	27E	575834	3581691*	150	60	90
C 02124		C	ED		3	3	32	22S	27E	573527	3578714*	195	60	135
C 02127		C	ED	4	4	3	02	22S	27E	578846	3586802*	160	30	130
C 02149		C	ED	4	4	4	28	22S	27E	576444	3580276*	119	62	57
C 02149 CLW468826	O	C	ED			4	28	22S	27E	576141	3580572*	125	70	55
C 02206		C	ED	2	4	4	08	22S	27E	574800	3585333*	60	18	42
C 02230		C	ED				33	22S	27E	575742	3579340*	260	90	170
C 02239		CUB	ED	3	1	2	17	22S	27E	574197	3584721*	150	34	116
C 02242		CUB	ED	1	1	4	15	22S	27E	577186	3584336	150	22	128
C 02259		C	ED		2	4	21	22S	27E	576335	3582410*	60	45	15
C 02262		C	ED		4	2	32	22S	27E	574732	3579544*	128	60	68
C 02374		C	ED		3	4	09	22S	27E	575916	3585247*	54	15	39
C 02379		C	ED		3	4	09	22S	27E	575916	3585247*	55	20	35
C 02392		C	ED		4	2	33	22S	27E	576350	3579564*	150	48	102
C 02409		C	ED	3	3	4	30	22S	27E	572607	3580225*	191	90	101
C 02412		C	ED	2	3	3	33	22S	27E	575238	3578836*	251	65	186
C 02433		C	ED	4	3	3	33	22S	27E	575238	3578636*	96	64	32
C 02449		C	ED				33	22S	27E	575742	3579340*	300	70	230
C 02458		CUB	ED	2	2	2	34	22S	27E	578066	3580093*			
C 02470 CLW198142	O		ED	4	3	4	24	22S	27E	580901	3581970*	67	36	31
C 02488		C	ED		4	4	27	22S	27E	577966	3580401*	76	38	38
C 02499		C	ED		1	1	25	22S	27E	579989	3581653*	100	35	65
C 02502		C	ED		2	2	32	22S	27E	574731	3579950*	98	64	34
C 02512		C	ED		1	3	22	22S	27E	576740	3582415*	68	38	30

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(NAD83 UTM in meters)

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POD Number	Code	POD Sub-basin	County	Q 64	Q 16	Q 4	Sec	Tws	Rng	X	Y	Depth Well	Depth Water	Water Column
C 02512 POD2		C	ED		1	3	22	22S	27E	576740	3582415*	142	57	85
C 02525		C	ED	1	3	3	08	22S	27E	573385	3585321*	49	17	32
C 02529		C	ED			3	12	22S	27E	580174	3585501*	113	51	62
C 02536		C	ED	4	1	1	25	22S	27E	580088	3581552*	120	20	100
C 02558		C	ED		2	4	21	22S	27E	576335	3582410*	55	36	19
C 02587	R	C	ED		2	2	26	22S	27E	579630	3581720	71	12	59
C 02590		C	ED	2	1	2	32	22S	27E	574425	3580043*	87	45	42
C 02590 POD2		C	ED	2	1	2	32	22S	27E	574425	3580043*	300	114	186
C 02593		C	ED	3	4	3	06	22S	27E	572164	3586697*	25	15	10
C 02618		C	ED	3	1	3	08	22S	27E	573382	3585522*	41	20	21
C 02624		C	ED	3	2	2	31	22S	27E	573013	3579825*	220	75	145
C 02631		C	ED	4	4	2	29	22S	27E	574823	3581067*	96	69	27
C 02648		C	ED		4	2	29	22S	27E	574724	3581168*	200	66	134
C 02667		C	ED	1	3	4	29	22S	27E	574223	3580448*	128	81	47
C 02696		C	ED	1	3	3	33	22S	27E	575038	3578836*	124	71	53
C 02709		C	ED	2	3	4	07	22S	27E	572777	3585318*	61	28	33
C 02787		C	ED	1	3	1	28	22S	27E	575028	3581274*	143	54	89
C 02881		C	ED		4	4	22	22S	27E	577959	3582027*	60	39	21
C 02885		C	ED	2	4	3	08	22S	27E	573990	3585325*	47	18	29
C 02899		C	ED	1	3	4	09	22S	27E	575815	3585346*	33	22	11
C 02903		C	ED	3	4	4	22	22S	27E	577858	3581926*	57	40	17
C 02922		CUB	ED	3	3	4	17	22S	27E	574204	3583502*	200	48	152
C 02961		C	ED	3	1	4	21	22S	27E	575830	3582303*	150	70	80
C 02970		C	ED	3	4	4	32	22S	27E	574635	3578630*	138	71	67
C 02996		C	ED	1	1	1	33	22S	27E	575034	3580055*	120	62	58
C 03007		C	ED	1	2	3	06	22S	27E	572161	3587304*	39	11	28
C 03013		C	ED	4	1	3	33	22S	27E	575237	3579043*	118	63	55
C 03028		C	ED	1	1	2	32	22S	27E	574225	3580043*	217	89	128
C 03029		C	ED		3	4	09	22S	27E	575916	3585247*	45	18	27

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POD Number		POD Sub-basin	County	Q 64	Q 16	Q 4	Sec	Tws	Rng	X	Y	Depth Well	Depth Water	Water Column
C 03030		C	ED	3	1	2	32	22S	27E	574225	3579843*	100	53	47
C 03038		C	ED	1	3	4	09	22S	27E	575815	3585346*	43	15	28
C 03043		C	ED	2	3	3	34	22S	27E	576859	3578855*	118	68	50
C 03062		CUB	ED	3	2	4	27	22S	27E	577863	3580706*	150	100	50
C 03063		CUB	ED	1	4	1	23	22S	27E	578666	3582951*	163	40	123
C 03064		C	ED	4	2	4	28	22S	27E	576442	3580682*	125	70	55
C 03066		C	ED	1	1	3	33	22S	27E	575037	3579243*	240		
C 03068		C	ED	1	3	3	20	22S	27E	573401	3582060*		60	
C 03073		C	ED	4	4	2	34	22S	27E	578068	3579486*	150	122	28
C 03074		C	ED	4	3	1	33	22S	27E	575235	3579449*	115	85	30
C 03078		C	ED	1	2	4	31	22S	27E	573019	3579216*	130	60	70
C 03084		C	ED	3	1	4	08	22S	27E	574192	3585532*	112	14	98
C 03085		C	ED	2	2	2	32	22S	27E	574830	3580049*	155	82	73
C 03086		C	ED	2	3	3	08	22S	27E	573585	3585321*	163	38	125
C 03117		C	ED	1	3	3	08	22S	27E	573385	3585321*	400		
C 03123		C	ED	2	2	4	30	22S	27E	573207	3580836*	159	97	62
C 03129	O	C	ED	4	2	4	28	22S	27E	576442	3580682*	115		
C 03130		C	ED	4	2	1	29	22S	27E	574010	3581461*	162		
C 03157		C	ED	1	4	1	30	22S	27E	572196	3581231*	173	100	73
C 03161		C	ED	3	1	1	31	22S	27E	571829	3579813*	200		
C 03162		C	ED	2	2	2	18	22S	27E	573183	3584909*	42		
C 03164		C	ED	3	1	3	19	22S	27E	571811	3582254*	130	87	43
C 03274		C	ED	4	4	3	33	22S	27E	575643	3578641*	130	81	49
C 03290		C	ED	1	3	3	34	22S	27E	576715	3578778	127	72	55
C 03364 POD1	R	C	ED	4	3	4	27	22S	27E	577765	3580245	107	50	57
C 03364 POD2		C	ED	4	3	4	27	22S	27E	577765	3580249	250		
C 03374 POD1		C	ED	4	4	4	08	22S	27E	574898	3585044	58	25	33
C 03392 POD1		C	ED	2	2	4	28	22S	27E	576508	3580886	140	70	70
C 03434 POD1		C	ED	4	4	2	29	22S	27E	574876	3581101	99	75	24

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POD Number	POD Sub-basin Code	County	Q 64	Q 16	Q 4	Sec	Tws	Rng	X	Y	Depth Well	Depth Water	Water Column
C 03445	CUB	ED	3	3	3	31	22S	27E	571774	3578630		200	
C 03480 POD1	C	ED	3	2	3	16	22S	27E	575466	3583961	74	41	33
C 03504 POD1	C	ED	2	3	4	32	22S	27E	574508	3578789	105	90	15
C 03505 POD1	C	ED	3	2	2	26	22S	27E	579548	3581491	80		
C 03506 POD1	CUB	ED	2	1	4	19	22S	27E	572735	3582415	85	71	14
C 03514 POD1	C	ED	1	3	1	24	22S	27E	579923	3583010	59	31	28
C 03549 POD1	C	ED	3	4	3	03	22S	27E	567352	3586612	200	195	5
C 03550 POD1	CUB	ED	2	3	4	06	22S	27E	572728	3586988	25		
C 03553 POD1	C	ED	4	2	2	33	22S	27E	576554	3579841	200	75	125
C 03651 POD1	CUB	ED	4	3	4	06	22S	27E	572781	3586705	30		
C 03651 POD10	CUB	ED	4	3	4	06	22S	27E	572729	3586650	27		
C 03651 POD11	CUB	ED	4	3	4	06	22S	27E	572731	3586752	25		
C 03651 POD12	CUB	ED	4	3	4	06	22S	27E	572855	3586667	33		
C 03651 POD13	CUB	ED	4	3	4	06	22S	27E	572840	3586636	30		
C 03651 POD14	CUB	ED	4	3	4	06	22S	27E	572768	3586633	30		
C 03651 POD2	CUB	ED	4	3	4	06	22S	27E	572772	3586694	30		
C 03651 POD3	CUB	ED	4	3	4	06	22S	27E	572783	3586690	30		
C 03651 POD4	CUB	ED	4	3	4	06	22S	27E	572772	3586719	30		
C 03651 POD5	CUB	ED	4	3	4	06	22S	27E	572815	3586694	31	17	14
C 03651 POD6	CUB	ED	4	3	4	06	22S	27E	572748	3586682	28	17	11
C 03651 POD7	CUB	ED	4	3	4	06	22S	27E	572748	3586678	31	17	14
C 03651 POD8	CUB	ED	4	3	4	06	22S	27E	572744	3586709	30		
C 03651 POD9	CUB	ED	4	3	4	06	22S	27E	572860	3586602	26		
C 03673 POD1	CUB	ED	1	3	3	17	22S	27E	572182	3583640	399	47	352
C 03673 POD2	CUB	ED	3	4	3	17	22S	27E	573361	3583724	404	40	364
C 03688 POD1	CUB	ED	4	1	1	20	22S	27E	573568	3583978	409	40	369
C 03691 POD1	CUB	ED	3	3	3	17	22S	27E	573339	3583490	701	40	661
C 03738 POD1	C	ED	1	1	3	34	22S	27E	576785	3579382	137	68	69
C 03763 POD1	C	ED	1	2	2	28	22S	27E	575687	3581616	240	55	185

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(quarters are 1=NW 2=NE 3=SW 4=SE)
(quarters are smallest to largest) (NAD83 UTM in meters) (In feet)

POD Number	POD Sub-basin	County	Q64	Q16	Q4	Sec	Tws	Rng	X	Y	Depth Well	Depth Water	Water Column
C 03821 POD1	C	ED	2	2	3	32	22S	27E	573988	3579146	200	120	80
C 03899 POD1	CUB	ED	1	4	3	17	22S	27E	573779	3583749	55	10	45
C 03899 POD2	CUB	ED	1	4	3	17	22S	27E	573792	3583751	55	10	45
C 03899 POD3	CUB	ED	1	4	3	17	22S	27E	573767	3583756	55	10	45
C 03899 POD4	CUB	ED	1	4	3	17	22S	27E	573783	3583755	55	10	45
C 03899 POD5	CUB	ED	1	4	3	17	22S	27E	573786	3583744	55	10	45
C 04027 POD1	CUB	ED	1	3	1	27	22S	27E	576704	3581378	140	55	85
C 04145 POD1	C	ED	4	2	3	08	22S	27E	574048	3585604	119	81	38
C 04217 POD1	C	ED	1	1	2	23	22S	27E	579137	3583385	175	75	100
C 04264 POD1	CUB	ED	2	1	4	07	22S	27E	572817	3585666	37	27	10
C 04264 POD2	CUB	ED	2	1	4	07	22S	27E	572829	3585669	36	25	11
C 04264 POD3	CUB	ED	2	1	4	07	22S	27E	572816	3585662	36	25	11
C 04264 POD4	CUB	ED	2	1	4	07	22S	27E	572836	3585674	36	25	11
C 04279	C	ED	3	3	3	14	22S	27E	578253	3583498	200	35	165
C 04286 POD5	CUB	ED	1	3	3	17	22S	27E	573553	3583651	30		
C 04286 POD7	CUB	ED	2	3	3	17	22S	27E	573597	3583734	30		
C 04291 POD7	CUB	ED	2	3	3	17	22S	27E	573561	3583651	300		
C 04309	C	ED	3	2	2	32	22S	27E	574960	3579920	142	134	8
C 04312 POD1	CUB	ED	3	2	2	06	22S	27E	572990	3587899	25	21	4
C 04312 POD2	CUB	ED	3	2	2	06	22S	27E	572996	3587963	25	6	19
C 04312 POD3	CUB	CH	3	2	2	06	22S	27E	573071	3587968	25	6	19
C 04312 POD4	CUB	ED	4	2	2	06	22S	27E	573133	3587937	25	6	19
C 04318 POD1	C	ED	1	3	1	24	22S	27E	579847	3582984	79	58	21
C 04332 POD1	C	ED	2	3	4	32	22S	27E	574436	3578805	98	87	11
C 04349 POD1	C	ED	4	2	4	34	22S	27E	578110	3579115	200	100	100
C 04354 POD1	CUB	ED	1	1	2	27	22S	27E	577533	3581803	200	120	80
C 04354 POD2	CUB	ED	1	1	2	27	22S	27E	577364	3581802	200	123	77
C 04358 POD1	CUB	ED	4	1	3	17	22S	27E	573505	3583852	355	332	23
C 04358 POD10	CUB	ED	2	3	3	17	22S	27E	573563	3583755	550	418	132

(A CLW##### in the POD suffix indicates the POD has been replaced & no longer serves a water right file.)

(R=POD has been replaced, O=orphaned, C=the file is closed)

(quarters are 1=NW 2=NE 3=SW 4=SE)
(quarters are smallest to largest) (NAD83 UTM in meters) (In feet)

POD Number	POD Sub-basin	Code	County	Q 64	Q 16	Q 4	Sec	Tws	Rng	X	Y	Depth Well	Depth Water	Water Column
C 04358 POD11	CUB		ED	2	3	3	17	22S	27E	573535	3583755	494	408	86
C 04358 POD12	CUB		ED	2	3	3	17	22S	27E	573561	3583697	555	451	104
C 04358 POD13	CUB		ED	2	3	3	17	22S	27E	573584	3583717	337	332	5
C 04358 POD15	CUB		ED	2	3	3	17	22S	27E	573580	3583707	550	508	42
C 04358 POD2	CUB		ED	4	1	3	17	22S	27E	573501	3583825	343	342	1
C 04358 POD3	CUB		ED	3	1	3	17	22S	27E	573522	3583820	408	408	0
C 04358 POD5	CUB		ED	4	1	3	17	22S	27E	573525	3583809	347	345	2
C 04358 POD7	CUB		ED	2	3	3	17	22S	27E	573542	3583772	548	455	93
C 04358 POD8	CUB		ED	2	3	3	17	22S	27E	573515	3583721	555	408	147
C 04358 POD9	CUB		ED	2	3	3	17	22S	27E	573540	3583735	453	405	48
C 04368 POD1	C		ED	4	2	2	27	22S	27E	578082	3581458	200	34	166
C 04378 POD1	CUB		ED	2	3	2	06	22S	27E	572845	3587841			
C 04378 POD2	CUB		ED	2	3	2	06	22S	27E	572845	3587829			
C 04390 POD1	C		ED	1	1	1	34	22S	27E	576741	3580142	118	76	42
C 04423 POD1	CUB		ED	4	3	4	06	22S	27E	572859	3586676	25	16	9
C 04428 POD1	CUB		ED	4	3	4	06	22S	27E	572859	3586676	25	16	9
C 04428 POD2	CUB		ED	4	3	4	06	22S	27E	572794	3586629	25	17	8
C 04428 POD3	CUB		ED	4	3	4	06	22S	27E	572794	3586629		25	
C 04432 POD1	CUB		ED	1	1	3	06	22S	27E	571702	3587326	28	18	10
C 04432 POD2	CUB		ED	1	1	3	06	22S	27E	571712	3587278	33	23	10
C 04452 POD1	C		ED	4	3	1	33	22S	27E	575199	3579419	200		
C 04480 POD1	C		ED	4	1	4	33	22S	27E	576065	3579083	140	89	51
C 04486 POD1	CUB		ED	1	3	4	06	22S	27E	572631	3586870	29	16	13
C 04489 POD1	CUB		ED	3	4	2	28	22S	27E	576240	3581118			
C 04518 POD1	CUB		ED	1	1	1	34	22S	27E	576629	3580078	200	70	130
C 04522 POD1	CUB		ED	3	4	1	35	22S	27E	578616	3579396	200	52	148

Average Depth to Water: **73 feet**

Minimum Depth: **6 feet**

Maximum Depth: **508 feet**

Record Count: 400

PLSS Search:

Township: 22S **Range:** 27E

New Mexico Office of the State Engineer
Point of Diversion Summary

Well Tag	POD Number	(quarters are 1=NW 2=NE 3=SW 4=SE) (quarters are smallest to largest) Q64	Q16	Q4	Sec	Tws	Rng	(NAD83 UTM in meters) X	Y
	C 02063				08	22S	27E	574089	3585825*

Driller License:	592	**Driller Company:**	TOMBLIN DRILLING		
Driller Name:					
Drill Start Date:	06/01/1983	**Drill Finish Date:**	07/31/1983	**Plug Date:**	
Log File Date:	07/05/1984	**PCW Rcv Date:**		**Source:**	Shallow
Pump Type:		**Pipe Discharge Size:**		**Estimated Yield:**	25 GPM
Casing Size:	6.00	**Depth Well:**	45 feet	**Depth Water:**	25 feet

Water Bearing Stratifications:	Top	Bottom	Description
	25	40	Other/Unknown

Casing Perforations:	Top	Bottom
	35	45

***UTM location was derived from PLSS - see Help**

New Mexico Office of the State Engineer
Point of Diversion Summary

Well Tag	POD Number	(quarters are 1=NW 2=NE 3=SW 4=SE) (quarters are smallest to largest) Q64	Q16	Q4	Sec	Tws	Rng	(NAD83 UTM in meters) X	Y
	C 02206	2	4	4	08	22S	27E	574800	3585333*

Driller License:	461	**Driller Company:**	C & J DRILLING COMPANY		
Driller Name:	MARK HAMMOND				
Drill Start Date:	05/28/1991	**Drill Finish Date:**	06/02/1991	**Plug Date:**	
Log File Date:	06/11/1991	**PCW Rcv Date:**		**Source:**	Shallow
Pump Type:		**Pipe Discharge Size:**		**Estimated Yield:**	70 GPM
Casing Size:	7.00	**Depth Well:**	60 feet	**Depth Water:**	18 feet

Water Bearing Stratifications:	Top	Bottom	Description
	22	24	Sandstone/Gravel/Conglomerate
	38	43	Sandstone/Gravel/Conglomerate
	53	56	Limestone/Dolomite/Chalk

Casing Perforations:	Top	Bottom
	15	60

***UTM location was derived from PLSS - see Help**

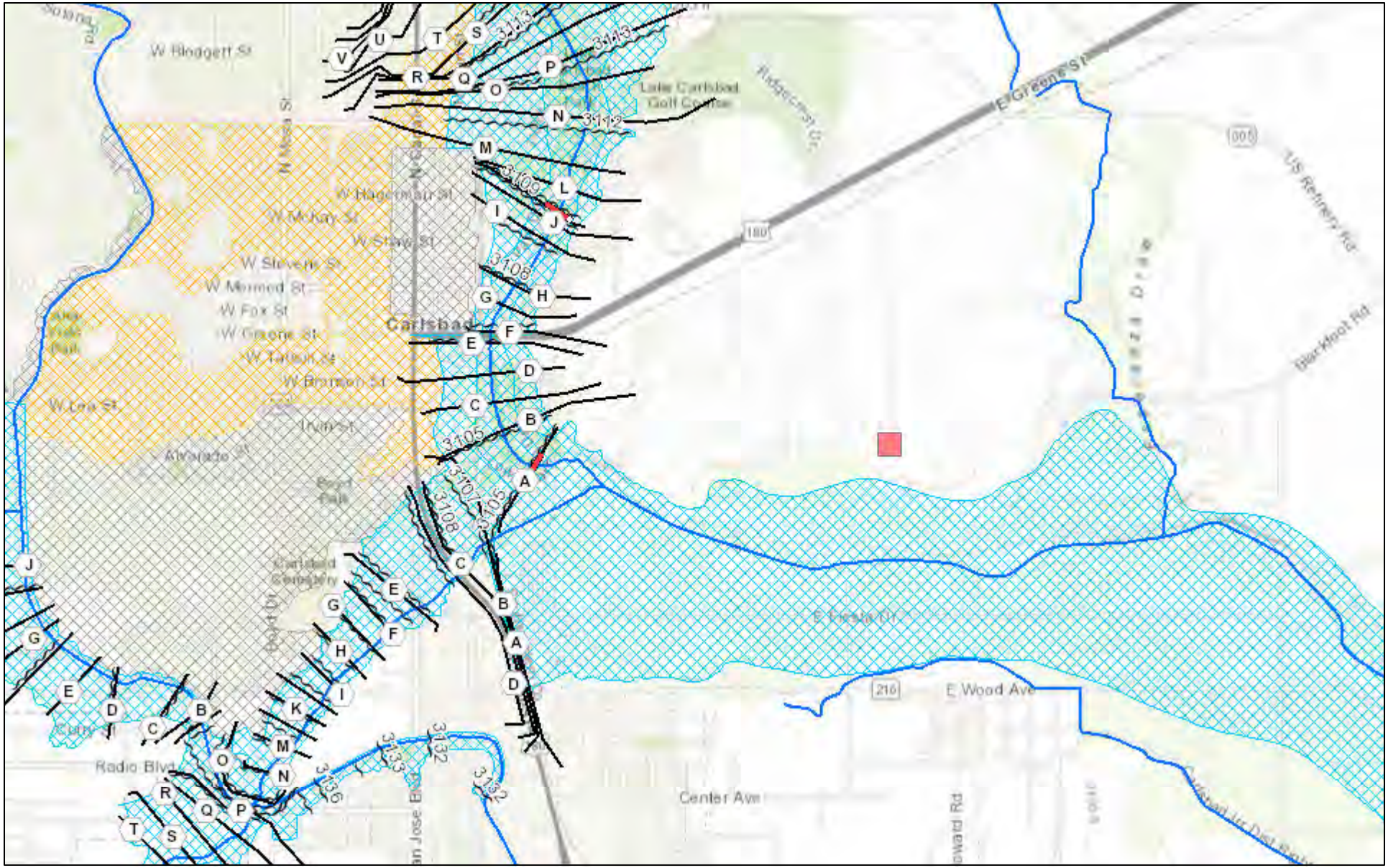
New Mexico Office of the State Engineer
Point of Diversion Summary

Well Tag	POD Number	(quarters are 1=NW 2=NE 3=SW 4=SE) (quarters are smallest to largest) Q64	Q16	Q4	Sec	Twn	Rng	(NAD83 UTM in meters) X	Y
	C 01493	2	3	3	09	22S	27E	575205	3585337*

Driller License:	46	**Driller Company:**	ABBOTT BROTHERS COMPANY		
Driller Name:	ABBOTT, MURRELL				
Drill Start Date:	01/29/1973	**Drill Finish Date:**	01/30/1973	**Plug Date:**	08/18/1992
Log File Date:	02/05/1973	**PCW Rcv Date:**		**Source:**	Shallow
Pump Type:		**Pipe Discharge Size:**		**Estimated Yield:**	
Casing Size:	8.63	**Depth Well:**	60 feet	**Depth Water:**	18 feet

***UTM location was derived from PLSS - see Help**

New Mexico NFHL Data



September 21, 2021

1:36,112

0 0.3 0.6 1.2 mi

0 0.5 1 2 km

FEMA

Sources: Esri, HERE, Garmin, Intermap, increment P Corp., GEBCO, USGS,

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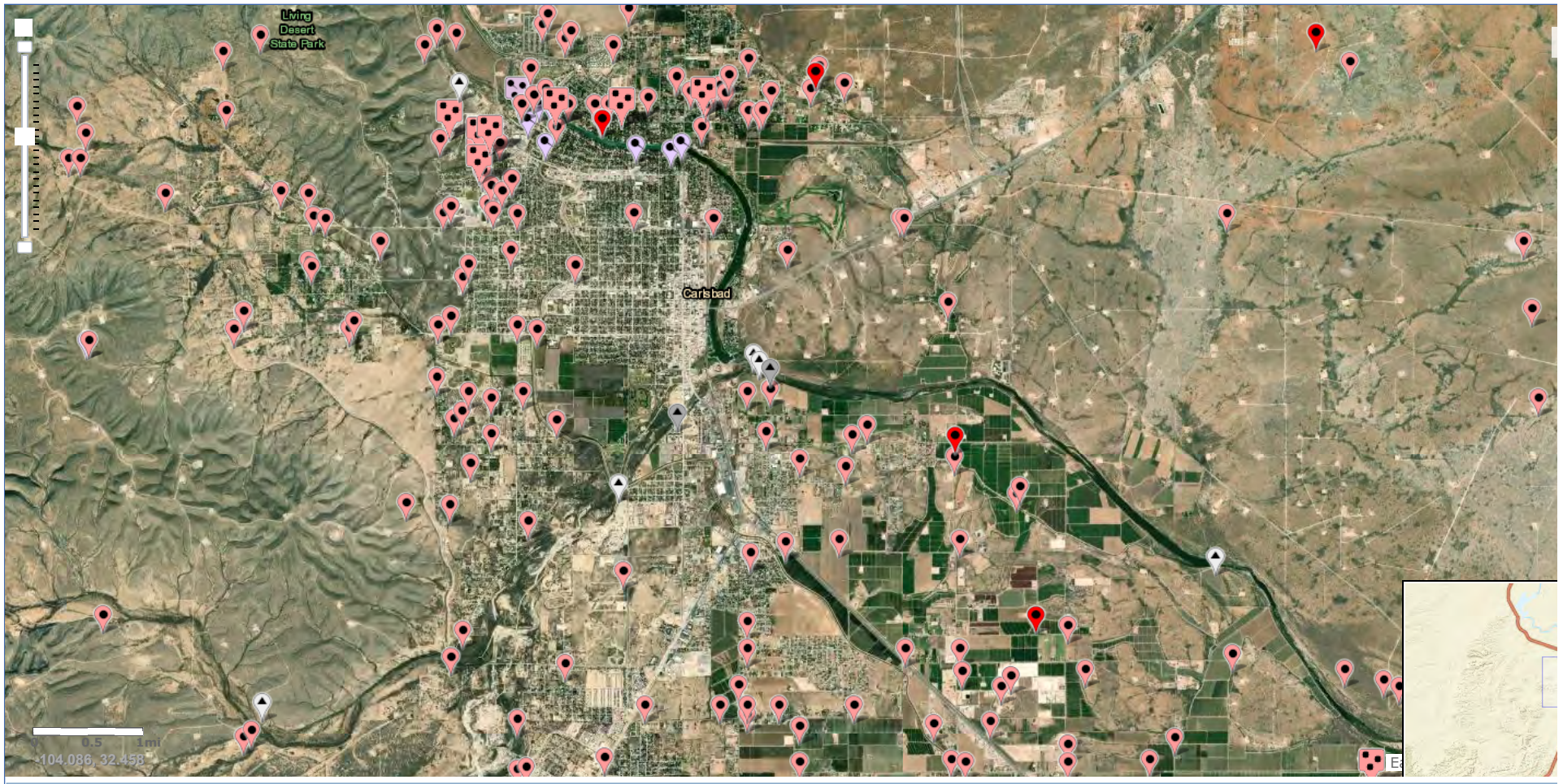
This is a non-regulatory product for informational use only. Please consult your local floodplain administrator for further information.

USGS science for a changing world

National Water Information System: Mapper



Site Information

Appendix C

eurofins | Environment Testing America

ANALYTICAL REPORT

Eurofins Xenco, Midland
1211 W. Florida Ave
Midland, TX 79701
Tel: (432)704-5440

Laboratory Job ID: 880-6236-1
Laboratory Sample Delivery Group: Eddy Co, NM
Client Project/Site: Milky Way Fee (9.4.21)

For:
NT Global
701 Tradewinds Blvd
Midland, Texas 79706

Attn: Mike Carmona

JKramer

Authorized for release by:
9/23/2021 10:38:17 AM

Jessica Kramer, Project Manager
(432)704-5440
jessica.kramer@eurofinset.com

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

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

Client: NT Global
Project/Site: Milky Way Fee (9.4.21)

Laboratory Job ID: 880-6236-1
SDG: Eddy Co, NM

Table of Contents

Definitions/Glossary

Client: NT Global
Project/Site: Milky Way Fee (9.4.21)

Job ID: 880-6236-1
SDG: Eddy Co, 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, low biased.
S1+	Surrogate recovery exceeds control limits, high biased.
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: NT Global
Project/Site: Milky Way Fee (9.4.21)

Job ID: 880-6236-1
SDG: Eddy Co, NM

Job ID: 880-6236-1

Laboratory: Eurofins Xenco, Midland

Narrative

Job Narrative
880-6236-1

Receipt
The samples were received on 9/17/2021 11:48 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 4.7°C

GC VOA
Method 8021B: Surrogate recovery for the following samples were outside control limits: S-2 (1-1.5') (880-6236-4) and S-5 (0-1') (880-6236-9). Evidence of matrix interferences is not obvious.

Method 8021B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries and precision for preparation batch 880-8042 and analytical batch 880-8020 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample / laboratory sample control duplicate (LCS/LCSD) precision was 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
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: NT Global
Project/Site: Milky Way Fee (9.4.21)

Job ID: 880-6236-1
SDG: Eddy Co, NM

Client Sample ID: S-1 (0-1')

Lab Sample ID: 880-6236-1
Matrix: Solid
Date Collected: 09/15/21 00:00
Date Received: 09/17/21 11:48

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		09/17/21 12:13	09/18/21 02:17	1
Toluene	<0.00201	U	0.00201		mg/Kg		09/17/21 12:13	09/18/21 02:17	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		09/17/21 12:13	09/18/21 02:17	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		09/17/21 12:13	09/18/21 02:17	1
o-Xylene	**0.00301**		0.00201		mg/Kg		09/17/21 12:13	09/18/21 02:17	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		09/17/21 12:13	09/18/21 02:17	1
Total BTEX	<0.00402	U	0.00402		mg/Kg		09/17/21 12:13	09/18/21 02:17	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*115*		*70 - 130*	*09/17/21 12:13*	*09/18/21 02:17*	*1*
1,4-Difluorobenzene (Surr)	*76*		*70 - 130*	*09/17/21 12:13*	*09/18/21 02:17*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		09/17/21 15:00	09/17/21 19:17	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		09/17/21 15:00	09/17/21 19:17	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		09/17/21 15:00	09/17/21 19:17	1
Total TPH	<49.9	U	49.9		mg/Kg		09/17/21 15:00	09/17/21 19:17	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*112*		*70 - 130*	*09/17/21 15:00*	*09/17/21 19:17*	*1*
o-Terphenyl	*116*		*70 - 130*	*09/17/21 15:00*	*09/17/21 19:17*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**22.4**		4.97		mg/Kg			09/22/21 06:36	1

Client Sample ID: S-1 (1-1.5')

Lab Sample ID: 880-6236-2
Matrix: Solid
Date Collected: 09/15/21 00:00
Date Received: 09/17/21 11:48

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		09/17/21 12:13	09/18/21 02:38	1
Toluene	<0.00200	U	0.00200		mg/Kg		09/17/21 12:13	09/18/21 02:38	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		09/17/21 12:13	09/18/21 02:38	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		09/17/21 12:13	09/18/21 02:38	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		09/17/21 12:13	09/18/21 02:38	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		09/17/21 12:13	09/18/21 02:38	1
Total BTEX	<0.00399	U	0.00399		mg/Kg		09/17/21 12:13	09/18/21 02:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*108*		*70 - 130*	*09/17/21 12:13*	*09/18/21 02:38*	*1*
1,4-Difluorobenzene (Surr)	*73*		*70 - 130*	*09/17/21 12:13*	*09/18/21 02:38*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		09/17/21 15:00	09/17/21 19:38	1

Client Sample Results

Client: NT Global
Project/Site: Milky Way Fee (9.4.21)

Job ID: 880-6236-1
SDG: Eddy Co, NM

Client Sample ID: S-1 (1-1.5')

Lab Sample ID: 880-6236-2
Date Collected: 09/15/21 00:00
Matrix: Solid
Date Received: 09/17/21 11:48

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		09/17/21 15:00	09/17/21 19:38	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		09/17/21 15:00	09/17/21 19:38	1
Total TPH	<49.8	U	49.8		mg/Kg		09/17/21 15:00	09/17/21 19:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*110*		*70 - 130*	*09/17/21 15:00*	*09/17/21 19:38*	*1*
o-Terphenyl	*113*		*70 - 130*	*09/17/21 15:00*	*09/17/21 19:38*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**7.50**		4.95		mg/Kg			09/22/21 22:28	1

Client Sample ID: S-2 (0-1')

Lab Sample ID: 880-6236-3
Date Collected: 09/15/21 00:00
Matrix: Solid
Date Received: 09/17/21 11:48

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	**0.00275**		0.00200		mg/Kg		09/17/21 12:13	09/18/21 02:58	1
Toluene	<0.00200	U	0.00200		mg/Kg		09/17/21 12:13	09/18/21 02:58	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		09/17/21 12:13	09/18/21 02:58	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		09/17/21 12:13	09/18/21 02:58	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		09/17/21 12:13	09/18/21 02:58	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		09/17/21 12:13	09/18/21 02:58	1
Total BTEX	<0.00401	U	0.00401		mg/Kg		09/17/21 12:13	09/18/21 02:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*109*		*70 - 130*	*09/17/21 12:13*	*09/18/21 02:58*	*1*
1,4-Difluorobenzene (Surr)	*82*		*70 - 130*	*09/17/21 12:13*	*09/18/21 02:58*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		09/17/21 15:00	09/17/21 19:58	1
Diesel Range Organics (Over C10-C28)	**291**		50.0		mg/Kg		09/17/21 15:00	09/17/21 19:58	1
Oil Range Organics (Over C28-C36)	**67.5**		50.0		mg/Kg		09/17/21 15:00	09/17/21 19:58	1
Total TPH	**359**		50.0		mg/Kg		09/17/21 15:00	09/17/21 19:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*112*		*70 - 130*	*09/17/21 15:00*	*09/17/21 19:58*	*1*
o-Terphenyl	*115*		*70 - 130*	*09/17/21 15:00*	*09/17/21 19:58*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**16300**		101		mg/Kg			09/22/21 22:45	20

Client Sample Results

Client: NT Global
Project/Site: Milky Way Fee (9.4.21)

Job ID: 880-6236-1
SDG: Eddy Co, NM

Client Sample ID: S-2 (1-1.5')

Lab Sample ID: 880-6236-4
Matrix: Solid
Date Collected: 09/15/21 00:00
Date Received: 09/17/21 11:48

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		09/17/21 12:13	09/18/21 03:19	1
Toluene	<0.00202	U	0.00202		mg/Kg		09/17/21 12:13	09/18/21 03:19	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		09/17/21 12:13	09/18/21 03:19	1
m-Xylene & p-Xylene	<0.00403	U	0.00403		mg/Kg		09/17/21 12:13	09/18/21 03:19	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		09/17/21 12:13	09/18/21 03:19	1
Xylenes, Total	<0.00403	U	0.00403		mg/Kg		09/17/21 12:13	09/18/21 03:19	1
Total BTEX	<0.00403	U	0.00403		mg/Kg		09/17/21 12:13	09/18/21 03:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*104*		*70 - 130*	*09/17/21 12:13*	*09/18/21 03:19*	*1*
1,4-Difluorobenzene (Surr)	*69*	*S1-*	*70 - 130*	*09/17/21 12:13*	*09/18/21 03:19*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		09/17/21 15:00	09/17/21 20:19	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		09/17/21 15:00	09/17/21 20:19	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		09/17/21 15:00	09/17/21 20:19	1
Total TPH	<50.0	U	50.0		mg/Kg		09/17/21 15:00	09/17/21 20:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*114*		*70 - 130*	*09/17/21 15:00*	*09/17/21 20:19*	*1*
o-Terphenyl	*118*		*70 - 130*	*09/17/21 15:00*	*09/17/21 20:19*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**6190**		49.7		mg/Kg			09/22/21 22:51	10

Client Sample ID: S-3 (0-1')

Lab Sample ID: 880-6236-5
Matrix: Solid
Date Collected: 09/15/21 00:00
Date Received: 09/17/21 11:48

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		09/17/21 12:13	09/18/21 03:40	1
Toluene	<0.00199	U	0.00199		mg/Kg		09/17/21 12:13	09/18/21 03:40	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		09/17/21 12:13	09/18/21 03:40	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		09/17/21 12:13	09/18/21 03:40	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		09/17/21 12:13	09/18/21 03:40	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		09/17/21 12:13	09/18/21 03:40	1
Total BTEX	<0.00398	U	0.00398		mg/Kg		09/17/21 12:13	09/18/21 03:40	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*116*		*70 - 130*	*09/17/21 12:13*	*09/18/21 03:40*	*1*
1,4-Difluorobenzene (Surr)	*89*		*70 - 130*	*09/17/21 12:13*	*09/18/21 03:40*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		09/17/21 15:00	09/17/21 20:39	1

Client Sample Results

Client: NT Global
Project/Site: Milky Way Fee (9.4.21)

Job ID: 880-6236-1
SDG: Eddy Co, NM

Client Sample ID: S-3 (0-1')

Lab Sample ID: 880-6236-5
Matrix: Solid
Date Collected: 09/15/21 00:00
Date Received: 09/17/21 11:48

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (Over C10-C28)	383		49.8		mg/Kg		09/17/21 15:00	09/17/21 20:39	1
Oil Range Organics (Over C28-C36)	95.2		49.8		mg/Kg		09/17/21 15:00	09/17/21 20:39	1
Total TPH	478		49.8		mg/Kg		09/17/21 15:00	09/17/21 20:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*113*		*70 - 130*	*09/17/21 15:00*	*09/17/21 20:39*	*1*
o-Terphenyl	*117*		*70 - 130*	*09/17/21 15:00*	*09/17/21 20:39*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	15200		99.2		mg/Kg			09/22/21 22:56	20

Client Sample ID: S-3 (1-1.5')

Lab Sample ID: 880-6236-6
Matrix: Solid
Date Collected: 09/15/21 00:00
Date Received: 09/17/21 11:48

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		09/17/21 12:13	09/18/21 04:00	1
Toluene	<0.00201	U	0.00201		mg/Kg		09/17/21 12:13	09/18/21 04:00	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		09/17/21 12:13	09/18/21 04:00	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		09/17/21 12:13	09/18/21 04:00	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		09/17/21 12:13	09/18/21 04:00	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		09/17/21 12:13	09/18/21 04:00	1
Total BTEX	<0.00402	U	0.00402		mg/Kg		09/17/21 12:13	09/18/21 04:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*113*		*70 - 130*	*09/17/21 12:13*	*09/18/21 04:00*	*1*
1,4-Difluorobenzene (Surr)	*96*		*70 - 130*	*09/17/21 12:13*	*09/18/21 04:00*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		09/17/21 15:00	09/17/21 21:00	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		09/17/21 15:00	09/17/21 21:00	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		09/17/21 15:00	09/17/21 21:00	1
Total TPH	<50.0	U	50.0		mg/Kg		09/17/21 15:00	09/17/21 21:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*116*		*70 - 130*	*09/17/21 15:00*	*09/17/21 21:00*	*1*
o-Terphenyl	*119*		*70 - 130*	*09/17/21 15:00*	*09/17/21 21:00*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	5760		50.0		mg/Kg			09/22/21 23:02	10

Client Sample Results

Client: NT Global
Project/Site: Milky Way Fee (9.4.21)

Job ID: 880-6236-1
SDG: Eddy Co, NM

Client Sample ID: S-4 (0-1')

Lab Sample ID: 880-6236-7
Matrix: Solid
Date Collected: 09/15/21 00:00
Date Received: 09/17/21 11:48

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		09/17/21 12:13	09/18/21 05:23	1
Toluene	<0.00200	U	0.00200		mg/Kg		09/17/21 12:13	09/18/21 05:23	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		09/17/21 12:13	09/18/21 05:23	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		09/17/21 12:13	09/18/21 05:23	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		09/17/21 12:13	09/18/21 05:23	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		09/17/21 12:13	09/18/21 05:23	1
Total BTEX	<0.00400	U	0.00400		mg/Kg		09/17/21 12:13	09/18/21 05:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*106*		*70 - 130*	*09/17/21 12:13*	*09/18/21 05:23*	*1*
1,4-Difluorobenzene (Surr)	*103*		*70 - 130*	*09/17/21 12:13*	*09/18/21 05:23*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		09/17/21 15:00	09/17/21 21:20	1
Diesel Range Organics (Over C10-C28)	**562**		49.8		mg/Kg		09/17/21 15:00	09/17/21 21:20	1
Oil Range Organics (Over C28-C36)	**148**		49.8		mg/Kg		09/17/21 15:00	09/17/21 21:20	1
Total TPH	**710**		49.8		mg/Kg		09/17/21 15:00	09/17/21 21:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*134*	*S1+*	*70 - 130*	*09/17/21 15:00*	*09/17/21 21:20*	*1*
o-Terphenyl	*138*	*S1+*	*70 - 130*	*09/17/21 15:00*	*09/17/21 21:20*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**14400**		99.8		mg/Kg			09/22/21 23:19	20

Client Sample ID: S-4 (1-1.5')

Lab Sample ID: 880-6236-8
Matrix: Solid
Date Collected: 09/15/21 00:00
Date Received: 09/17/21 11:48

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	**0.00263**		0.00199		mg/Kg		09/17/21 12:13	09/18/21 05:43	1
Toluene	<0.00199	U	0.00199		mg/Kg		09/17/21 12:13	09/18/21 05:43	1
Ethylbenzene	**0.00278**		0.00199		mg/Kg		09/17/21 12:13	09/18/21 05:43	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		09/17/21 12:13	09/18/21 05:43	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		09/17/21 12:13	09/18/21 05:43	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		09/17/21 12:13	09/18/21 05:43	1
Total BTEX	**0.00541**		0.00398		mg/Kg		09/17/21 12:13	09/18/21 05:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*103*		*70 - 130*	*09/17/21 12:13*	*09/18/21 05:43*	*1*
1,4-Difluorobenzene (Surr)	*79*		*70 - 130*	*09/17/21 12:13*	*09/18/21 05:43*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		09/17/21 15:00	09/17/21 21:40	1

Eurofins Xenco, Midland

Client Sample Results

Client: NT Global
Project/Site: Milky Way Fee (9.4.21)

Job ID: 880-6236-1
SDG: Eddy Co, NM

Client Sample ID: S-4 (1-1.5')

Lab Sample ID: 880-6236-8
Matrix: Solid
Date Collected: 09/15/21 00:00
Date Received: 09/17/21 11:48

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (Over C10-C28)	**56.1**		50.0		mg/Kg		09/17/21 15:00	09/17/21 21:40	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		09/17/21 15:00	09/17/21 21:40	1
Total TPH	**56.1**		50.0		mg/Kg		09/17/21 15:00	09/17/21 21:40	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*136*	*S1+*	*70 - 130*	*09/17/21 15:00*	*09/17/21 21:40*	*1*
o-Terphenyl	*140*	*S1+*	*70 - 130*	*09/17/21 15:00*	*09/17/21 21:40*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**5490**		50.4		mg/Kg			09/22/21 23:24	10

Client Sample ID: S-5 (0-1')

Lab Sample ID: 880-6236-9
Matrix: Solid
Date Collected: 09/15/21 00:00
Date Received: 09/17/21 11:48

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		09/17/21 12:13	09/18/21 06:04	1
Toluene	<0.00201	U	0.00201		mg/Kg		09/17/21 12:13	09/18/21 06:04	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		09/17/21 12:13	09/18/21 06:04	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		09/17/21 12:13	09/18/21 06:04	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		09/17/21 12:13	09/18/21 06:04	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		09/17/21 12:13	09/18/21 06:04	1
Total BTEX	<0.00402	U	0.00402		mg/Kg		09/17/21 12:13	09/18/21 06:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*102*		*70 - 130*	*09/17/21 12:13*	*09/18/21 06:04*	*1*
1,4-Difluorobenzene (Surr)	*68*	*S1-*	*70 - 130*	*09/17/21 12:13*	*09/18/21 06:04*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		09/20/21 08:36	09/20/21 18:26	1
Diesel Range Organics (Over C10-C28)	**299**		50.0		mg/Kg		09/20/21 08:36	09/20/21 18:26	1
Oil Range Organics (Over C28-C36)	**79.5**		50.0		mg/Kg		09/20/21 08:36	09/20/21 18:26	1
Total TPH	**379**		50.0		mg/Kg		09/20/21 08:36	09/20/21 18:26	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*95*		*70 - 130*	*09/20/21 08:36*	*09/20/21 18:26*	*1*
o-Terphenyl	*100*		*70 - 130*	*09/20/21 08:36*	*09/20/21 18:26*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**14100**		99.6		mg/Kg			09/22/21 23:30	20

Client Sample Results

Client: NT Global
Project/Site: Milky Way Fee (9.4.21)

Job ID: 880-6236-1
SDG: Eddy Co, NM

Client Sample ID: S-5 (1-1.5')

Lab Sample ID: 880-6236-10
Matrix: Solid
Date Collected: 09/15/21 00:00
Date Received: 09/17/21 11:48

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		09/17/21 12:13	09/18/21 06:24	1
Toluene	<0.00201	U	0.00201		mg/Kg		09/17/21 12:13	09/18/21 06:24	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		09/17/21 12:13	09/18/21 06:24	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		09/17/21 12:13	09/18/21 06:24	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		09/17/21 12:13	09/18/21 06:24	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		09/17/21 12:13	09/18/21 06:24	1
Total BTEX	<0.00402	U	0.00402		mg/Kg		09/17/21 12:13	09/18/21 06:24	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*116*		*70 - 130*	*09/17/21 12:13*	*09/18/21 06:24*	*1*
1,4-Difluorobenzene (Surr)	*84*		*70 - 130*	*09/17/21 12:13*	*09/18/21 06:24*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		09/20/21 08:36	09/20/21 18:48	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		09/20/21 08:36	09/20/21 18:48	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		09/20/21 08:36	09/20/21 18:48	1
Total TPH	<50.0	U	50.0		mg/Kg		09/20/21 08:36	09/20/21 18:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*95*		*70 - 130*	*09/20/21 08:36*	*09/20/21 18:48*	*1*
o-Terphenyl	*97*		*70 - 130*	*09/20/21 08:36*	*09/20/21 18:48*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**6310**		50.2		mg/Kg			09/22/21 23:36	10

Client Sample ID: S-6 (0-1')

Lab Sample ID: 880-6236-11
Matrix: Solid
Date Collected: 09/15/21 00:00
Date Received: 09/17/21 11:48

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		09/17/21 12:13	09/18/21 06:45	1
Toluene	<0.00199	U	0.00199		mg/Kg		09/17/21 12:13	09/18/21 06:45	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		09/17/21 12:13	09/18/21 06:45	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		09/17/21 12:13	09/18/21 06:45	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		09/17/21 12:13	09/18/21 06:45	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		09/17/21 12:13	09/18/21 06:45	1
Total BTEX	<0.00398	U	0.00398		mg/Kg		09/17/21 12:13	09/18/21 06:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*107*		*70 - 130*	*09/17/21 12:13*	*09/18/21 06:45*	*1*
1,4-Difluorobenzene (Surr)	*91*		*70 - 130*	*09/17/21 12:13*	*09/18/21 06:45*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		09/20/21 08:36	09/20/21 19:09	1

Client Sample Results

Client: NT Global
Project/Site: Milky Way Fee (9.4.21)

Job ID: 880-6236-1
SDG: Eddy Co, NM

Client Sample ID: S-6 (0-1')

Lab Sample ID: 880-6236-11
Matrix: Solid
Date Collected: 09/15/21 00:00
Date Received: 09/17/21 11:48

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		09/20/21 08:36	09/20/21 19:09	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		09/20/21 08:36	09/20/21 19:09	1
Total TPH	<49.8	U	49.8		mg/Kg		09/20/21 08:36	09/20/21 19:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*99*		*70 - 130*	*09/20/21 08:36*	*09/20/21 19:09*	*1*
o-Terphenyl	*102*		*70 - 130*	*09/20/21 08:36*	*09/20/21 19:09*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**57.7**		4.96		mg/Kg			09/22/21 23:41	1

Client Sample ID: S-6 (1-1.5')

Lab Sample ID: 880-6236-12
Matrix: Solid
Date Collected: 09/15/21 00:00
Date Received: 09/17/21 11:48

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		09/17/21 12:13	09/18/21 07:06	1
Toluene	<0.00198	U	0.00198		mg/Kg		09/17/21 12:13	09/18/21 07:06	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		09/17/21 12:13	09/18/21 07:06	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		09/17/21 12:13	09/18/21 07:06	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		09/17/21 12:13	09/18/21 07:06	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		09/17/21 12:13	09/18/21 07:06	1
Total BTEX	<0.00396	U	0.00396		mg/Kg		09/17/21 12:13	09/18/21 07:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*110*		*70 - 130*	*09/17/21 12:13*	*09/18/21 07:06*	*1*
1,4-Difluorobenzene (Surr)	*98*		*70 - 130*	*09/17/21 12:13*	*09/18/21 07:06*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		09/20/21 08:36	09/20/21 19:30	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		09/20/21 08:36	09/20/21 19:30	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		09/20/21 08:36	09/20/21 19:30	1
Total TPH	<50.0	U	50.0		mg/Kg		09/20/21 08:36	09/20/21 19:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*97*		*70 - 130*	*09/20/21 08:36*	*09/20/21 19:30*	*1*
o-Terphenyl	*99*		*70 - 130*	*09/20/21 08:36*	*09/20/21 19:30*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**18.7**		5.00		mg/Kg			09/22/21 23:47	1

Surrogate Summary

Client: NT Global
Project/Site: Milky Way Fee (9.4.21)

Job ID: 880-6236-1
SDG: Eddy Co, 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)
880-6232-A-1-A MS	Matrix Spike	112	74
880-6232-A-1-B MSD	Matrix Spike Duplicate	141 S1+	73
880-6236-1	S-1 (0-1')	115	76
880-6236-2	S-1 (1-1.5')	108	73
880-6236-3	S-2 (0-1')	109	82
880-6236-4	S-2 (1-1.5')	104	69 S1-
880-6236-5	S-3 (0-1')	116	89
880-6236-6	S-3 (1-1.5')	113	96
880-6236-7	S-4 (0-1')	106	103
880-6236-8	S-4 (1-1.5')	103	79
880-6236-9	S-5 (0-1')	102	68 S1-
880-6236-10	S-5 (1-1.5')	116	84
880-6236-11	S-6 (0-1')	107	91
880-6236-12	S-6 (1-1.5')	110	98
LCS 880-8042/1-A	Lab Control Sample	105	77
LCSD 880-8042/2-A	Lab Control Sample Dup	92	79
MB 880-8019/5-A	Method Blank	109	98
MB 880-8042/5-A	Method Blank	120	98

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)
880-6226-A-3-C MS	Matrix Spike	101	94
880-6226-A-3-D MSD	Matrix Spike Duplicate	100	94
880-6236-1	S-1 (0-1')	112	116
880-6236-2	S-1 (1-1.5')	110	113
880-6236-3	S-2 (0-1')	112	115
880-6236-4	S-2 (1-1.5')	114	118
880-6236-5	S-3 (0-1')	113	117
880-6236-6	S-3 (1-1.5')	116	119
880-6236-7	S-4 (0-1')	134 S1+	138 S1+
880-6236-8	S-4 (1-1.5')	136 S1+	140 S1+
880-6236-9	S-5 (0-1')	95	100
880-6236-10	S-5 (1-1.5')	95	97
880-6236-11	S-6 (0-1')	99	102
880-6236-12	S-6 (1-1.5')	97	99
890-1272-A-1-C MS	Matrix Spike	108	107
890-1272-A-1-D MSD	Matrix Spike Duplicate	107	104
LCS 880-8033/2-A	Lab Control Sample	110	105
LCS 880-8094/2-A	Lab Control Sample	111	107
LCSD 880-8033/3-A	Lab Control Sample Dup	109	104
LCSD 880-8094/3-A	Lab Control Sample Dup	113	110
MB 880-8033/1-A	Method Blank	101	106

Surrogate Summary

Client: NT Global
Project/Site: Milky Way Fee (9.4.21)

Job ID: 880-6236-1
SDG: Eddy Co, NM

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

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)									
		1CO1	OTPH1								
Lab Sample ID	Client Sample ID	(70-130)	(70-130)								
MB 880-8094/1-A	Method Blank	97	103								

Surrogate Legend

1CO = 1-Chlorooctane

OTPH = o-Terphenyl

QC Sample Results

Client: NT Global
Project/Site: Milky Way Fee (9.4.21)

Job ID: 880-6236-1
SDG: Eddy Co, NM

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-8019/5-A
Matrix: Solid
Analysis Batch: 8020

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 8019

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		09/17/21 09:27	09/17/21 13:32	1
Toluene	<0.00200	U	0.00200		mg/Kg		09/17/21 09:27	09/17/21 13:32	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		09/17/21 09:27	09/17/21 13:32	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		09/17/21 09:27	09/17/21 13:32	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		09/17/21 09:27	09/17/21 13:32	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		09/17/21 09:27	09/17/21 13:32	1
Total BTEX	<0.00400	U	0.00400		mg/Kg		09/17/21 09:27	09/17/21 13:32	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*109*		*70 - 130*	*09/17/21 09:27*	*09/17/21 13:32*	*1*
1,4-Difluorobenzene (Surr)	*98*		*70 - 130*	*09/17/21 09:27*	*09/17/21 13:32*	*1*

Lab Sample ID: MB 880-8042/5-A
Matrix: Solid
Analysis Batch: 8020

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 8042

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		09/17/21 12:13	09/18/21 00:33	1
Toluene	<0.00200	U	0.00200		mg/Kg		09/17/21 12:13	09/18/21 00:33	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		09/17/21 12:13	09/18/21 00:33	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		09/17/21 12:13	09/18/21 00:33	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		09/17/21 12:13	09/18/21 00:33	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		09/17/21 12:13	09/18/21 00:33	1
Total BTEX	<0.00400	U	0.00400		mg/Kg		09/17/21 12:13	09/18/21 00:33	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*120*		*70 - 130*	*09/17/21 12:13*	*09/18/21 00:33*	*1*
1,4-Difluorobenzene (Surr)	*98*		*70 - 130*	*09/17/21 12:13*	*09/18/21 00:33*	*1*

Lab Sample ID: LCS 880-8042/1-A
Matrix: Solid
Analysis Batch: 8020

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 8042

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	0.100	0.08745		mg/Kg		87	70 - 130
Toluene	0.100	0.09646		mg/Kg		96	70 - 130
Ethylbenzene	0.100	0.1055		mg/Kg		106	70 - 130
m-Xylene & p-Xylene	0.200	0.1823		mg/Kg		91	70 - 130
o-Xylene	0.100	0.08958		mg/Kg		90	70 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*105*		*70 - 130*
1,4-Difluorobenzene (Surr)	*77*		*70 - 130*

QC Sample Results

Client: NT Global
Project/Site: Milky Way Fee (9.4.21)

Job ID: 880-6236-1
SDG: Eddy Co, NM

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

Lab Sample ID: LCSD 880-8042/2-A
Matrix: Solid
Analysis Batch: 8020

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 8042

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene			0.100	0.08183		mg/Kg		82	70 - 130	7	35
Toluene			0.100	0.08308		mg/Kg		83	70 - 130	15	35
Ethylbenzene			0.100	0.08268		mg/Kg		83	70 - 130	24	35
m-Xylene & p-Xylene			0.200	0.1575		mg/Kg		79	70 - 130	15	35
o-Xylene			0.100	0.07428		mg/Kg		74	70 - 130	19	35

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*92*		*70 - 130*
1,4-Difluorobenzene (Surr)	*79*		*70 - 130*

Lab Sample ID: 880-6232-A-1-A MS
Matrix: Solid
Analysis Batch: 8020

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 8042

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	<0.00199	U F1 F2	0.100	0.07119		mg/Kg		71	70 - 130
Toluene	<0.00199	U F1 F2	0.100	0.06561	F1	mg/Kg		65	70 - 130
Ethylbenzene	<0.00199	U F1 F2	0.100	0.07385		mg/Kg		74	70 - 130
m-Xylene & p-Xylene	<0.00398	U F1	0.200	0.1187	F1	mg/Kg		59	70 - 130
o-Xylene	<0.00199	U F1	0.100	0.06760	F1	mg/Kg		67	70 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*112*		*70 - 130*
1,4-Difluorobenzene (Surr)	*74*		*70 - 130*

Lab Sample ID: 880-6232-A-1-B MSD
Matrix: Solid
Analysis Batch: 8020

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 8042

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	<0.00199	U F1 F2	0.0996	0.02054	F1 F2	mg/Kg		21	70 - 130	110	35
Toluene	<0.00199	U F1 F2	0.0996	0.04211	F1 F2	mg/Kg		42	70 - 130	44	35
Ethylbenzene	<0.00199	U F1 F2	0.0996	0.04580	F1 F2	mg/Kg		46	70 - 130	47	35
m-Xylene & p-Xylene	<0.00398	U F1	0.199	0.08695	F1	mg/Kg		44	70 - 130	31	35
o-Xylene	<0.00199	U F1	0.0996	0.05392	F1	mg/Kg		54	70 - 130	23	35

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*141*	*S1+*	*70 - 130*
1,4-Difluorobenzene (Surr)	*73*		*70 - 130*

QC Sample Results

Client: NT Global
Project/Site: Milky Way Fee (9.4.21)

Job ID: 880-6236-1
SDG: Eddy Co, NM

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

Lab Sample ID: MB 880-8033/1-A
Matrix: Solid
Analysis Batch: 8022

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 8033

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		09/17/21 10:40	09/17/21 12:19	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		09/17/21 10:40	09/17/21 12:19	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		09/17/21 10:40	09/17/21 12:19	1
Total TPH	<50.0	U	50.0		mg/Kg		09/17/21 10:40	09/17/21 12:19	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*101*		*70 - 130*	*09/17/21 10:40*	*09/17/21 12:19*	*1*
o-Terphenyl	*106*		*70 - 130*	*09/17/21 10:40*	*09/17/21 12:19*	*1*

Lab Sample ID: LCS 880-8033/2-A
Matrix: Solid
Analysis Batch: 8022

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 8033

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Gasoline Range Organics (GRO)-C6-C10			1000	975.7		mg/Kg		98	70 - 130		
Diesel Range Organics (Over C10-C28)			1000	857.5		mg/Kg		86	70 - 130		

Surrogate			*LCS %Recovery*	*LCS Qualifier*	*Limits*
1-Chlorooctane			*110*		*70 - 130*
o-Terphenyl			*105*		*70 - 130*

Lab Sample ID: LCSD 880-8033/3-A
Matrix: Solid
Analysis Batch: 8022

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 8033

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	833.5		mg/Kg		83	70 - 130	16	20
Diesel Range Organics (Over C10-C28)			1000	858.4		mg/Kg		86	70 - 130	0	20

Surrogate			*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1-Chlorooctane			*109*		*70 - 130*
o-Terphenyl			*104*		*70 - 130*

Lab Sample ID: 880-6226-A-3-C MS
Matrix: Solid
Analysis Batch: 8022

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 8033

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	997	993.2		mg/Kg		100	70 - 130		
Diesel Range Organics (Over C10-C28)	78.1		997	946.3		mg/Kg		87	70 - 130		

QC Sample Results

Client: NT Global
Project/Site: Milky Way Fee (9.4.21)

Job ID: 880-6236-1
SDG: Eddy Co, NM

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

Lab Sample ID: 880-6226-A-3-C MS
Matrix: Solid
Analysis Batch: 8022

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 8033

Surrogate	MS %Recovery	MS Qualifier	Limits
1-Chlorooctane	101		70 - 130
o-Terphenyl	94		70 - 130

Lab Sample ID: 880-6226-A-3-D MSD
Matrix: Solid
Analysis Batch: 8022

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 8033

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	<49.8	U	999	964.9		mg/Kg		97	70 - 130	3	20
Diesel Range Organics (Over C10-C28)	78.1		999	937.0		mg/Kg		86	70 - 130	1	20

Surrogate	MSD %Recovery	MSD Qualifier	Limits
1-Chlorooctane	100		70 - 130
o-Terphenyl	94		70 - 130

Lab Sample ID: MB 880-8094/1-A
Matrix: Solid
Analysis Batch: 8096

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 8094

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		09/20/21 08:36	09/20/21 11:18	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		09/20/21 08:36	09/20/21 11:18	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		09/20/21 08:36	09/20/21 11:18	1
Total TPH	<50.0	U	50.0		mg/Kg		09/20/21 08:36	09/20/21 11:18	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	97		70 - 130	09/20/21 08:36	09/20/21 11:18	1
o-Terphenyl	103		70 - 130	09/20/21 08:36	09/20/21 11:18	1

Lab Sample ID: LCS 880-8094/2-A
Matrix: Solid
Analysis Batch: 8096

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 8094

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Gasoline Range Organics (GRO)-C6-C10	1000	1140		mg/Kg		114	70 - 130
Diesel Range Organics (Over C10-C28)	1000	1059		mg/Kg		106	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1-Chlorooctane	111		70 - 130
o-Terphenyl	107		70 - 130

QC Sample Results

Client: NT Global
Project/Site: Milky Way Fee (9.4.21)

Job ID: 880-6236-1
SDG: Eddy Co, NM

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

Lab Sample ID: LCSD 880-8094/3-A
Matrix: Solid
Analysis Batch: 8096

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 8094

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	1148		mg/Kg		115	70 - 130	1	20
Diesel Range Organics (Over C10-C28)			1000	1072		mg/Kg		107	70 - 130	1	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1-Chlorooctane	*113*		*70 - 130*
o-Terphenyl	*110*		*70 - 130*

Lab Sample ID: 890-1272-A-1-C MS
Matrix: Solid
Analysis Batch: 8096

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 8094

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	997	1217		mg/Kg		119	70 - 130
Diesel Range Organics (Over C10-C28)	<49.8	U	997	1005		mg/Kg		96	70 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1-Chlorooctane	*108*		*70 - 130*
o-Terphenyl	*107*		*70 - 130*

Lab Sample ID: 890-1272-A-1-D MSD
Matrix: Solid
Analysis Batch: 8096

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 8094

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	<49.8	U	999	1094		mg/Kg		107	70 - 130	11	20
Diesel Range Organics (Over C10-C28)	<49.8	U	999	1003		mg/Kg		96	70 - 130	0	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1-Chlorooctane	*107*		*70 - 130*
o-Terphenyl	*104*		*70 - 130*

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-8119/1-A
Matrix: Solid
Analysis Batch: 8215

Client Sample ID: Method Blank
Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00		mg/Kg			09/22/21 05:28	1

QC Sample Results

Client: NT Global
Project/Site: Milky Way Fee (9.4.21)

Job ID: 880-6236-1
SDG: Eddy Co, NM

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: LCS 880-8119/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 8215

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Chloride			250	261.3		mg/Kg		105	90 - 110		

Lab Sample ID: LCSD 880-8119/3-A — **Client Sample ID: Lab Control Sample Dup**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 8215

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride			250	261.7		mg/Kg		105	90 - 110	0	20

Lab Sample ID: 880-6232-A-1-H MS — **Client Sample ID: Matrix Spike**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 8215

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
Chloride	74.3		250	337.4		mg/Kg		105	90 - 110		

Lab Sample ID: 880-6232-A-1-I MSD — **Client Sample ID: Matrix Spike Duplicate**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 8215

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	74.3		250	338.3		mg/Kg		106	90 - 110	0	20

Lab Sample ID: MB 880-8120/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 8216

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00		mg/Kg			09/22/21 22:11	1

Lab Sample ID: LCS 880-8120/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 8216

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Chloride			250	252.4		mg/Kg		101	90 - 110		

Lab Sample ID: LCSD 880-8120/3-A — **Client Sample ID: Lab Control Sample Dup**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 8216

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride			250	252.4		mg/Kg		101	90 - 110	0	20

Lab Sample ID: 880-6236-2 MS — **Client Sample ID: S-1 (1-1.5')**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 8216

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
Chloride	7.50		248	272.4		mg/Kg		107	90 - 110		

QC Sample Results

Client: NT Global
Project/Site: Milky Way Fee (9.4.21)

Job ID: 880-6236-1
SDG: Eddy Co, NM

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: 880-6236-2 MSD — **Client Sample ID: S-1 (1-1.5')**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 8216

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	7.50		248	269.6		mg/Kg		106	90 - 110	1	20

Lab Sample ID: 880-6236-12 MS — **Client Sample ID: S-6 (1-1.5')**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 8216

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	18.7		250	280.8		mg/Kg		105	90 - 110

Lab Sample ID: 880-6236-12 MSD — **Client Sample ID: S-6 (1-1.5')**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 8216

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	18.7		250	276.2		mg/Kg		103	90 - 110	2	20

QC Association Summary

Client: NT Global
Project/Site: Milky Way Fee (9.4.21)

Job ID: 880-6236-1
SDG: Eddy Co, NM

GC VOA

Prep Batch: 8019

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-8019/5-A	Method Blank	Total/NA	Solid	5035	

Analysis Batch: 8020

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-6236-1	S-1 (0-1')	Total/NA	Solid	8021B	8042
880-6236-2	S-1 (1-1.5')	Total/NA	Solid	8021B	8042
880-6236-3	S-2 (0-1')	Total/NA	Solid	8021B	8042
880-6236-4	S-2 (1-1.5')	Total/NA	Solid	8021B	8042
880-6236-5	S-3 (0-1')	Total/NA	Solid	8021B	8042
880-6236-6	S-3 (1-1.5')	Total/NA	Solid	8021B	8042
880-6236-7	S-4 (0-1')	Total/NA	Solid	8021B	8042
880-6236-8	S-4 (1-1.5')	Total/NA	Solid	8021B	8042
880-6236-9	S-5 (0-1')	Total/NA	Solid	8021B	8042
880-6236-10	S-5 (1-1.5')	Total/NA	Solid	8021B	8042
880-6236-11	S-6 (0-1')	Total/NA	Solid	8021B	8042
880-6236-12	S-6 (1-1.5')	Total/NA	Solid	8021B	8042
MB 880-8019/5-A	Method Blank	Total/NA	Solid	8021B	8019
MB 880-8042/5-A	Method Blank	Total/NA	Solid	8021B	8042
LCS 880-8042/1-A	Lab Control Sample	Total/NA	Solid	8021B	8042
LCSD 880-8042/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	8042
880-6232-A-1-A MS	Matrix Spike	Total/NA	Solid	8021B	8042
880-6232-A-1-B MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	8042

Prep Batch: 8042

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-6236-1	S-1 (0-1')	Total/NA	Solid	5035	
880-6236-2	S-1 (1-1.5')	Total/NA	Solid	5035	
880-6236-3	S-2 (0-1')	Total/NA	Solid	5035	
880-6236-4	S-2 (1-1.5')	Total/NA	Solid	5035	
880-6236-5	S-3 (0-1')	Total/NA	Solid	5035	
880-6236-6	S-3 (1-1.5')	Total/NA	Solid	5035	
880-6236-7	S-4 (0-1')	Total/NA	Solid	5035	
880-6236-8	S-4 (1-1.5')	Total/NA	Solid	5035	
880-6236-9	S-5 (0-1')	Total/NA	Solid	5035	
880-6236-10	S-5 (1-1.5')	Total/NA	Solid	5035	
880-6236-11	S-6 (0-1')	Total/NA	Solid	5035	
880-6236-12	S-6 (1-1.5')	Total/NA	Solid	5035	
MB 880-8042/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-8042/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-8042/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-6232-A-1-A MS	Matrix Spike	Total/NA	Solid	5035	
880-6232-A-1-B MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

GC Semi VOA

Analysis Batch: 8022

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-6236-1	S-1 (0-1')	Total/NA	Solid	8015B NM	8033
880-6236-2	S-1 (1-1.5')	Total/NA	Solid	8015B NM	8033
880-6236-3	S-2 (0-1')	Total/NA	Solid	8015B NM	8033
880-6236-4	S-2 (1-1.5')	Total/NA	Solid	8015B NM	8033

QC Association Summary

Client: NT Global
Project/Site: Milky Way Fee (9.4.21)

Job ID: 880-6236-1
SDG: Eddy Co, NM

GC Semi VOA (Continued)

Analysis Batch: 8022 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-6236-5	S-3 (0-1')	Total/NA	Solid	8015B NM	8033
880-6236-6	S-3 (1-1.5')	Total/NA	Solid	8015B NM	8033
880-6236-7	S-4 (0-1')	Total/NA	Solid	8015B NM	8033
880-6236-8	S-4 (1-1.5')	Total/NA	Solid	8015B NM	8033
MB 880-8033/1-A	Method Blank	Total/NA	Solid	8015B NM	8033
LCS 880-8033/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	8033
LCSD 880-8033/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	8033
880-6226-A-3-C MS	Matrix Spike	Total/NA	Solid	8015B NM	8033
880-6226-A-3-D MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	8033

Prep Batch: 8033

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-6236-1	S-1 (0-1')	Total/NA	Solid	8015NM Prep	
880-6236-2	S-1 (1-1.5')	Total/NA	Solid	8015NM Prep	
880-6236-3	S-2 (0-1')	Total/NA	Solid	8015NM Prep	
880-6236-4	S-2 (1-1.5')	Total/NA	Solid	8015NM Prep	
880-6236-5	S-3 (0-1')	Total/NA	Solid	8015NM Prep	
880-6236-6	S-3 (1-1.5')	Total/NA	Solid	8015NM Prep	
880-6236-7	S-4 (0-1')	Total/NA	Solid	8015NM Prep	
880-6236-8	S-4 (1-1.5')	Total/NA	Solid	8015NM Prep	
MB 880-8033/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-8033/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-8033/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-6226-A-3-C MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
880-6226-A-3-D MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Prep Batch: 8094

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-6236-9	S-5 (0-1')	Total/NA	Solid	8015NM Prep	
880-6236-10	S-5 (1-1.5')	Total/NA	Solid	8015NM Prep	
880-6236-11	S-6 (0-1')	Total/NA	Solid	8015NM Prep	
880-6236-12	S-6 (1-1.5')	Total/NA	Solid	8015NM Prep	
MB 880-8094/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-8094/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-8094/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-1272-A-1-C MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
890-1272-A-1-D MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Analysis Batch: 8096

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-6236-9	S-5 (0-1')	Total/NA	Solid	8015B NM	8094
880-6236-10	S-5 (1-1.5')	Total/NA	Solid	8015B NM	8094
880-6236-11	S-6 (0-1')	Total/NA	Solid	8015B NM	8094
880-6236-12	S-6 (1-1.5')	Total/NA	Solid	8015B NM	8094
MB 880-8094/1-A	Method Blank	Total/NA	Solid	8015B NM	8094
LCS 880-8094/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	8094
LCSD 880-8094/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	8094
890-1272-A-1-C MS	Matrix Spike	Total/NA	Solid	8015B NM	8094
890-1272-A-1-D MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	8094

QC Association Summary

Client: NT Global
Project/Site: Milky Way Fee (9.4.21)

Job ID: 880-6236-1
SDG: Eddy Co, NM

HPLC/IC

Leach Batch: 8119

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-6236-1	S-1 (0-1')	Soluble	Solid	DI Leach	
MB 880-8119/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-8119/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-8119/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-6232-A-1-H MS	Matrix Spike	Soluble	Solid	DI Leach	
880-6232-A-1-I MSD	Matrix Spike Duplicate	Soluble	Solid	DI Leach	

Leach Batch: 8120

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-6236-2	S-1 (1-1.5')	Soluble	Solid	DI Leach	
880-6236-3	S-2 (0-1')	Soluble	Solid	DI Leach	
880-6236-4	S-2 (1-1.5')	Soluble	Solid	DI Leach	
880-6236-5	S-3 (0-1')	Soluble	Solid	DI Leach	
880-6236-6	S-3 (1-1.5')	Soluble	Solid	DI Leach	
880-6236-7	S-4 (0-1')	Soluble	Solid	DI Leach	
880-6236-8	S-4 (1-1.5')	Soluble	Solid	DI Leach	
880-6236-9	S-5 (0-1')	Soluble	Solid	DI Leach	
880-6236-10	S-5 (1-1.5')	Soluble	Solid	DI Leach	
880-6236-11	S-6 (0-1')	Soluble	Solid	DI Leach	
880-6236-12	S-6 (1-1.5')	Soluble	Solid	DI Leach	
MB 880-8120/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-8120/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-8120/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-6236-2 MS	S-1 (1-1.5')	Soluble	Solid	DI Leach	
880-6236-2 MSD	S-1 (1-1.5')	Soluble	Solid	DI Leach	
880-6236-12 MS	S-6 (1-1.5')	Soluble	Solid	DI Leach	
880-6236-12 MSD	S-6 (1-1.5')	Soluble	Solid	DI Leach	

Analysis Batch: 8215

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-6236-1	S-1 (0-1')	Soluble	Solid	300.0	8119
MB 880-8119/1-A	Method Blank	Soluble	Solid	300.0	8119
LCS 880-8119/2-A	Lab Control Sample	Soluble	Solid	300.0	8119
LCSD 880-8119/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	8119
880-6232-A-1-H MS	Matrix Spike	Soluble	Solid	300.0	8119
880-6232-A-1-I MSD	Matrix Spike Duplicate	Soluble	Solid	300.0	8119

Analysis Batch: 8216

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-6236-2	S-1 (1-1.5')	Soluble	Solid	300.0	8120
880-6236-3	S-2 (0-1')	Soluble	Solid	300.0	8120
880-6236-4	S-2 (1-1.5')	Soluble	Solid	300.0	8120
880-6236-5	S-3 (0-1')	Soluble	Solid	300.0	8120
880-6236-6	S-3 (1-1.5')	Soluble	Solid	300.0	8120
880-6236-7	S-4 (0-1')	Soluble	Solid	300.0	8120
880-6236-8	S-4 (1-1.5')	Soluble	Solid	300.0	8120
880-6236-9	S-5 (0-1')	Soluble	Solid	300.0	8120
880-6236-10	S-5 (1-1.5')	Soluble	Solid	300.0	8120
880-6236-11	S-6 (0-1')	Soluble	Solid	300.0	8120
880-6236-12	S-6 (1-1.5')	Soluble	Solid	300.0	8120
MB 880-8120/1-A	Method Blank	Soluble	Solid	300.0	8120

QC Association Summary

Client: NT Global
Project/Site: Milky Way Fee (9.4.21)

Job ID: 880-6236-1
SDG: Eddy Co, NM

HPLC/IC (Continued)

Analysis Batch: 8216 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 880-8120/2-A	Lab Control Sample	Soluble	Solid	300.0	8120
LCSD 880-8120/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	8120
880-6236-2 MS	S-1 (1-1.5')	Soluble	Solid	300.0	8120
880-6236-2 MSD	S-1 (1-1.5')	Soluble	Solid	300.0	8120
880-6236-12 MS	S-6 (1-1.5')	Soluble	Solid	300.0	8120
880-6236-12 MSD	S-6 (1-1.5')	Soluble	Solid	300.0	8120

Lab Chronicle

Client: NT Global
Project/Site: Milky Way Fee (9.4.21)

Job ID: 880-6236-1
SDG: Eddy Co, NM

Client Sample ID: S-1 (0-1')

Lab Sample ID: 880-6236-1
Matrix: Solid
Date Collected: 09/15/21 00:00
Date Received: 09/17/21 11:48

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	8042	09/17/21 12:13	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	8020	09/18/21 02:17	KL	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	8033	09/17/21 15:00	DM	XEN MID
Total/NA	Analysis	8015B NM		1			8022	09/17/21 19:17	AM	XEN MID
Soluble	Leach	DI Leach			5.03 g	50 mL	8119	09/20/21 11:56	CH	XEN MID
Soluble	Analysis	300.0		1			8215	09/22/21 06:36	CH	XEN MID

Client Sample ID: S-1 (1-1.5')

Lab Sample ID: 880-6236-2
Matrix: Solid
Date Collected: 09/15/21 00:00
Date Received: 09/17/21 11:48

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	8042	09/17/21 12:13	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	8020	09/18/21 02:38	KL	XEN MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	8033	09/17/21 15:00	DM	XEN MID
Total/NA	Analysis	8015B NM		1			8022	09/17/21 19:38	AM	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	8120	09/20/21 11:59	CH	XEN MID
Soluble	Analysis	300.0		1			8216	09/22/21 22:28	CH	XEN MID

Client Sample ID: S-2 (0-1')

Lab Sample ID: 880-6236-3
Matrix: Solid
Date Collected: 09/15/21 00:00
Date Received: 09/17/21 11:48

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	8042	09/17/21 12:13	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	8020	09/18/21 02:58	KL	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	8033	09/17/21 15:00	DM	XEN MID
Total/NA	Analysis	8015B NM		1			8022	09/17/21 19:58	AM	XEN MID
Soluble	Leach	DI Leach			4.95 g	50 mL	8120	09/20/21 11:59	CH	XEN MID
Soluble	Analysis	300.0		20			8216	09/22/21 22:45	CH	XEN MID

Client Sample ID: S-2 (1-1.5')

Lab Sample ID: 880-6236-4
Matrix: Solid
Date Collected: 09/15/21 00:00
Date Received: 09/17/21 11:48

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	8042	09/17/21 12:13	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	8020	09/18/21 03:19	KL	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	8033	09/17/21 15:00	DM	XEN MID
Total/NA	Analysis	8015B NM		1			8022	09/17/21 20:19	AM	XEN MID
Soluble	Leach	DI Leach			5.03 g	50 mL	8120	09/20/21 11:59	CH	XEN MID
Soluble	Analysis	300.0		10			8216	09/22/21 22:51	CH	XEN MID

Lab Chronicle

Client: NT Global
Project/Site: Milky Way Fee (9.4.21)

Job ID: 880-6236-1
SDG: Eddy Co, NM

Client Sample ID: S-3 (0-1')

Lab Sample ID: 880-6236-5
Matrix: Solid
Date Collected: 09/15/21 00:00
Date Received: 09/17/21 11:48

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	8042	09/17/21 12:13	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	8020	09/18/21 03:40	KL	XEN MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	8033	09/17/21 15:00	DM	XEN MID
Total/NA	Analysis	8015B NM		1			8022	09/17/21 20:39	AM	XEN MID
Soluble	Leach	DI Leach			5.04 g	50 mL	8120	09/20/21 11:59	CH	XEN MID
Soluble	Analysis	300.0		20			8216	09/22/21 22:56	CH	XEN MID

Client Sample ID: S-3 (1-1.5')

Lab Sample ID: 880-6236-6
Matrix: Solid
Date Collected: 09/15/21 00:00
Date Received: 09/17/21 11:48

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	8042	09/17/21 12:13	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	8020	09/18/21 04:00	KL	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	8033	09/17/21 15:00	DM	XEN MID
Total/NA	Analysis	8015B NM		1			8022	09/17/21 21:00	AM	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	8120	09/20/21 11:59	CH	XEN MID
Soluble	Analysis	300.0		10			8216	09/22/21 23:02	CH	XEN MID

Client Sample ID: S-4 (0-1')

Lab Sample ID: 880-6236-7
Matrix: Solid
Date Collected: 09/15/21 00:00
Date Received: 09/17/21 11:48

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	8042	09/17/21 12:13	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	8020	09/18/21 05:23	KL	XEN MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	8033	09/17/21 15:00	DM	XEN MID
Total/NA	Analysis	8015B NM		1			8022	09/17/21 21:20	AM	XEN MID
Soluble	Leach	DI Leach			5.01 g	50 mL	8120	09/20/21 11:59	CH	XEN MID
Soluble	Analysis	300.0		20			8216	09/22/21 23:19	CH	XEN MID

Client Sample ID: S-4 (1-1.5')

Lab Sample ID: 880-6236-8
Matrix: Solid
Date Collected: 09/15/21 00:00
Date Received: 09/17/21 11:48

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	8042	09/17/21 12:13	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	8020	09/18/21 05:43	KL	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	8033	09/17/21 15:00	DM	XEN MID
Total/NA	Analysis	8015B NM		1			8022	09/17/21 21:40	AM	XEN MID
Soluble	Leach	DI Leach			4.96 g	50 mL	8120	09/20/21 11:59	CH	XEN MID
Soluble	Analysis	300.0		10			8216	09/22/21 23:24	CH	XEN MID

Lab Chronicle

Client: NT Global
Project/Site: Milky Way Fee (9.4.21)

Job ID: 880-6236-1
SDG: Eddy Co, NM

Client Sample ID: S-5 (0-1')

Lab Sample ID: 880-6236-9
Matrix: Solid
Date Collected: 09/15/21 00:00
Date Received: 09/17/21 11:48

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	8042	09/17/21 12:13	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	8020	09/18/21 06:04	KL	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	8094	09/20/21 08:36	DM	XEN MID
Total/NA	Analysis	8015B NM		1			8096	09/20/21 18:26	AJ	XEN MID
Soluble	Leach	DI Leach			5.02 g	50 mL	8120	09/20/21 11:59	CH	XEN MID
Soluble	Analysis	300.0		20			8216	09/22/21 23:30	CH	XEN MID

Client Sample ID: S-5 (1-1.5')

Lab Sample ID: 880-6236-10
Matrix: Solid
Date Collected: 09/15/21 00:00
Date Received: 09/17/21 11:48

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	8042	09/17/21 12:13	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	8020	09/18/21 06:24	KL	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	8094	09/20/21 08:36	DM	XEN MID
Total/NA	Analysis	8015B NM		1			8096	09/20/21 18:48	AJ	XEN MID
Soluble	Leach	DI Leach			4.98 g	50 mL	8120	09/20/21 11:59	CH	XEN MID
Soluble	Analysis	300.0		10			8216	09/22/21 23:36	CH	XEN MID

Client Sample ID: S-6 (0-1')

Lab Sample ID: 880-6236-11
Matrix: Solid
Date Collected: 09/15/21 00:00
Date Received: 09/17/21 11:48

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	8042	09/17/21 12:13	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	8020	09/18/21 06:45	KL	XEN MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	8094	09/20/21 08:36	DM	XEN MID
Total/NA	Analysis	8015B NM		1			8096	09/20/21 19:09	AJ	XEN MID
Soluble	Leach	DI Leach			5.04 g	50 mL	8120	09/20/21 11:59	CH	XEN MID
Soluble	Analysis	300.0		1			8216	09/22/21 23:41	CH	XEN MID

Client Sample ID: S-6 (1-1.5')

Lab Sample ID: 880-6236-12
Matrix: Solid
Date Collected: 09/15/21 00:00
Date Received: 09/17/21 11:48

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	8042	09/17/21 12:13	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	8020	09/18/21 07:06	KL	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	8094	09/20/21 08:36	DM	XEN MID
Total/NA	Analysis	8015B NM		1			8096	09/20/21 19:30	AJ	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	8120	09/20/21 11:59	CH	XEN MID
Soluble	Analysis	300.0		1			8216	09/22/21 23:47	CH	XEN MID

Laboratory References:

XEN MID = Eurofins Xenco, Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

Eurofins Xenco, Midland

Accreditation/Certification Summary

Client: NT Global
Project/Site: Milky Way Fee (9.4.21)

Job ID: 880-6236-1
SDG: Eddy Co, NM

Laboratory: Eurofins Xenco, Midland

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

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704400-21-22	06-30-22

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
8015B NM	8015NM Prep	Solid	Total TPH
8021B	5035	Solid	Total BTEX

Method Summary

Client: NT Global
Project/Site: Milky Way Fee (9.4.21)

Job ID: 880-6236-1
SDG: Eddy Co, NM

Method	Method Description	Protocol	Laboratory
8021B	Volatile Organic Compounds (GC)	SW846	XEN MID
8015B NM	Diesel Range Organics (DRO) (GC)	SW846	XEN MID
300.0	Anions, Ion Chromatography	MCAWW	XEN MID
5035	Closed System Purge and Trap	SW846	XEN MID
8015NM Prep	Microextraction	SW846	XEN MID
DI Leach	Deionized Water Leaching Procedure	ASTM	XEN MID

Protocol References:

ASTM = ASTM International

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

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

Laboratory References:

XEN MID = Eurofins Xenco, Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

Sample Summary

Client: NT Global
Project/Site: Milky Way Fee (9.4.21)

Job ID: 880-6236-1
SDG: Eddy Co, NM

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
880-6236-1	S-1 (0-1')	Solid	09/15/21 00:00	09/17/21 11:48
880-6236-2	S-1 (1-1.5')	Solid	09/15/21 00:00	09/17/21 11:48
880-6236-3	S-2 (0-1')	Solid	09/15/21 00:00	09/17/21 11:48
880-6236-4	S-2 (1-1.5')	Solid	09/15/21 00:00	09/17/21 11:48
880-6236-5	S-3 (0-1')	Solid	09/15/21 00:00	09/17/21 11:48
880-6236-6	S-3 (1-1.5')	Solid	09/15/21 00:00	09/17/21 11:48
880-6236-7	S-4 (0-1')	Solid	09/15/21 00:00	09/17/21 11:48
880-6236-8	S-4 (1-1.5')	Solid	09/15/21 00:00	09/17/21 11:48
880-6236-9	S-5 (0-1')	Solid	09/15/21 00:00	09/17/21 11:48
880-6236-10	S-5 (1-1.5')	Solid	09/15/21 00:00	09/17/21 11:48
880-6236-11	S-6 (0-1')	Solid	09/15/21 00:00	09/17/21 11:48
880-6236-12	S-6 (1-1.5')	Solid	09/15/21 00:00	09/17/21 11:48

Chain of Custody

NTG ENVIRONMENTAL

880-6236 Chain of Custody

Page 2 of 2

Project Manager	Mike Carmona	Bill to: (if different)	Jacqui Harris
Company Name.	NTG Environmental	Company Name	COG
Address.	701 Tradewinds BLVD	Address.	15 W Loving Rd
City, State ZIP	Midland, TX 79706	City, State ZIP	Loving,NM 88256
Phone.	432-312-7736	Email	jacquiharris@conocophillips.com

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:

Project Name.	Milky Way Fee (9 4 21)	Turn Around	
Project Number	214671	☑ Routine ☐ Rush	
Project Location	Eddy Co, NM	Due Date	
Sampler's Name	ES	TAT starts the day received by the lab if received by 4 30pm	
PO #:			

SAMPLE RECEIPT			
Temp Blank.	Yes (No)	Wet Ice:	(Yes) No
Received Intact:	(Yes) No	Thermometer ID	IR8
Cooler Custody Seals.	Yes No (N/A)	Correction Factor:	0.5
Sample Custody Seals.	Yes No (N/A)	Temperature Reading:	4.2
Total Containers:		Corrected Temperature	4.7

Preservative Codes

None NO; DI Water H_2O; Cool Cool; MeOH Me; HCL HC; HNO_3 HN; H_2SO_4 H_2; NaOH Na; H_3PO_4 HP; $NaHSO_4$ NABIS; $Na_2S_2O_3$ $NaSO_3$; Zn Acetate+NaOH Zn; NaOH+Ascorbic Acid SAPC

Sample Identification	Date	Time	Soil	Water	Grab/ Comp	# of Cont	Pres. Code	BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 300 0	HOLD	Sample Comments
S1 (0-1')	9/15/2021		X		G	1		X	X	X		
S1 (1-1 5')	9/15/2021		X		G	1		X	X	X		
S2 (0-1')	9/15/2021		X		G	1		X	X	X		
S2 (1-1 5')	9/15/2021		X		G	1		X	X	X		
S3 (0-1')	9/15/2021		X		G	1		X	X	X		
S3 (1-1 5')	9/15/2021		X		G	1		X	X	X		
S4 (0-1')	9/15/2021		X		G	1		X	X	X		
S4 (1-1 5')	9/15/2021		X		G	1		X	X	X		
S5 (0-1')	9/15/2021		X		G	1		X	X	X		
S5 (1-1 5')	9/15/2021		X		G	1		X	X	X		

Additoinal Comments:

Notice Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Xenco, its affiliates and subcontractors. It assigns standard terms and conditions of service. 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 Xenco. A minimum charge of $85.00 will be applied to each project and a charge of $5 for each sample submitted to 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 Nick Hurd		9 17 21	2		
3		1145	4		
5			6		

Revised Date 05012020 Rev 2020.1

Chain of Custody

Loc: 880
6236

NTG ENVIRONMENTAL

Work Order No: __ __

Page 2 of 2

Project Manager:	Mike Carmona	Bill to: (if different)	Jacqui Harris
Company Name	NTG Environmental	Company Name.	COG
Address.	701 Tradewinds BLVD	Address.	15 W Loving Rd
City, State ZIP:	Midland, TX 79706	City, State ZIP	Loving,NM 88256
Phone	432-312-7736	Email.	jacquiharris@conocophillips.com

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:

Project Name	Milky Way Fee (9 4 21)	Turn Around	
Project Number:	214671	☑ Routine ☐ Rush	
Project Location	Eddy Co, NM	Due Date	
Sampler's Name:	ES	TAT starts the day received by the lab if received by 4 30pm	
PO #:			

SAMPLE RECEIPT				
Temp Blank:	Yes No	Wet Ice:	Yes No	
Received Intact:	Yes No	Thermometer ID.		
Cooler Custody Seals	Yes No N/A	Correction Factor:		
Sample Custody Seals.	Yes No N/A	Temperature Reading:		
Total Containers.		Corrected Temperature.		

ANALYSIS REQUEST

Sample Identification	Date	Time	Soil	Water	Grab/ Comp	# of Cont	Pres. Code	BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 300 0	HOLD
S6 (0-1')	9/15/2021		X		G	1		X	X	X	
S6 (1-1 5')	9/15/2021		X		G	1		X	X	X	

Preservative Codes

None NO DI Water H_2O
Cool Cool MeOH Me
HCL HC HNO_3 HN
H_2SO_4 H_2 NaOH Na
H_3PO_4 HP
$NaHSO_4$ NABIS
$Na_2S_2O_3$ $NaSO_3$
Zn Acetate+NaOH Zn
NaOH+Ascorbic Acid SAPC

Sample Comments

Additoinal Comments:

Relinquished by (Signature)	Received by (Signature)	Date/Time	Relinquished by (Signature)	Received by (Signature)	Date/Time
1 Nick Hart			2		
3			4		
5			6		

Revised Date 05012020 Rev 2020.1

Login Sample Receipt Checklist

Client: NT Global

Job Number: 880-6236-1
SDG Number: Eddy Co, NM

Login Number: 6236
List Number: 1
Creator: Teel, Brianna

List Source: Eurofins Xenco, 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.	False	No time on COC, logged in per container labels.
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	

eurofins | Environment Testing America

ANALYTICAL REPORT

Eurofins Xenco, Midland
1211 W. Florida Ave
Midland, TX 79701
Tel: (432)704-5440

Laboratory Job ID: 880-6238-1
Laboratory Sample Delivery Group: Eddy Co, NM
Client Project/Site: Milky Way Fee (9.4.21)

For:
NT Global
701 Tradewinds Blvd
Midland, Texas 79706

Attn: Mike Carmona

Jkramer

Authorized for release by:
9/23/2021 10:38:16 AM

Jessica Kramer, Project Manager
(432)704-5440
jessica.kramer@eurofinset.com

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

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

Table of Contents

Definitions/Glossary

Client: NT Global
Project/Site: Milky Way Fee (9.4.21)

Job ID: 880-6238-1
SDG: Eddy Co, 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
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: NT Global
Project/Site: Milky Way Fee (9.4.21)

Job ID: 880-6238-1
SDG: Eddy Co, NM

Job ID: 880-6238-1

Laboratory: Eurofins Xenco, Midland

Narrative

Job Narrative
880-6238-1

Receipt
The samples were received on 9/17/2021 11:52 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 4.7°C

GC VOA
Method 8021B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries and precision for preparation batch 880-8042 and analytical batch 880-8020 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample / laboratory sample control duplicate (LCS/LCSD) precision was 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
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: NT Global
Project/Site: Milky Way Fee (9.4.21)

Job ID: 880-6238-1
SDG: Eddy Co, NM

Client Sample ID: H1

Lab Sample ID: 880-6238-1
Matrix: Solid
Date Collected: 09/15/21 00:00
Date Received: 09/17/21 11:52

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		09/17/21 12:13	09/18/21 07:26	1
Toluene	<0.00200	U	0.00200		mg/Kg		09/17/21 12:13	09/18/21 07:26	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		09/17/21 12:13	09/18/21 07:26	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		09/17/21 12:13	09/18/21 07:26	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		09/17/21 12:13	09/18/21 07:26	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		09/17/21 12:13	09/18/21 07:26	1
Total BTEX	<0.00400	U	0.00400		mg/Kg		09/17/21 12:13	09/18/21 07:26	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*93*		*70 - 130*	*09/17/21 12:13*	*09/18/21 07:26*	*1*
1,4-Difluorobenzene (Surr)	*89*		*70 - 130*	*09/17/21 12:13*	*09/18/21 07:26*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		09/17/21 16:14	09/17/21 23:03	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		09/17/21 16:14	09/17/21 23:03	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		09/17/21 16:14	09/17/21 23:03	1
Total TPH	<49.8	U	49.8		mg/Kg		09/17/21 16:14	09/17/21 23:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*106*		*70 - 130*	*09/17/21 16:14*	*09/17/21 23:03*	*1*
o-Terphenyl	*115*		*70 - 130*	*09/17/21 16:14*	*09/17/21 23:03*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**7.89**		4.98		mg/Kg			09/23/21 00:04	1

Client Sample ID: H2

Lab Sample ID: 880-6238-2
Matrix: Solid
Date Collected: 09/15/21 00:00
Date Received: 09/17/21 11:52

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		09/17/21 12:13	09/18/21 07:47	1
Toluene	<0.00202	U	0.00202		mg/Kg		09/17/21 12:13	09/18/21 07:47	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		09/17/21 12:13	09/18/21 07:47	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		09/17/21 12:13	09/18/21 07:47	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		09/17/21 12:13	09/18/21 07:47	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		09/17/21 12:13	09/18/21 07:47	1
Total BTEX	<0.00404	U	0.00404		mg/Kg		09/17/21 12:13	09/18/21 07:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*90*		*70 - 130*	*09/17/21 12:13*	*09/18/21 07:47*	*1*
1,4-Difluorobenzene (Surr)	*83*		*70 - 130*	*09/17/21 12:13*	*09/18/21 07:47*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		09/17/21 16:14	09/18/21 00:06	1

Eurofins Xenco, Midland

Client Sample Results

Client: NT Global
Project/Site: Milky Way Fee (9.4.21)

Job ID: 880-6238-1
SDG: Eddy Co, NM

Client Sample ID: H2

Lab Sample ID: 880-6238-2
Matrix: Solid
Date Collected: 09/15/21 00:00
Date Received: 09/17/21 11:52

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		09/17/21 16:14	09/18/21 00:06	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		09/17/21 16:14	09/18/21 00:06	1
Total TPH	<50.0	U	50.0		mg/Kg		09/17/21 16:14	09/18/21 00:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*102*		*70 - 130*	*09/17/21 16:14*	*09/18/21 00:06*	*1*
o-Terphenyl	*112*		*70 - 130*	*09/17/21 16:14*	*09/18/21 00:06*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<4.95	U	4.95		mg/Kg			09/23/21 00:09	1

Client Sample ID: H3

Lab Sample ID: 880-6238-3
Matrix: Solid
Date Collected: 09/15/21 00:00
Date Received: 09/17/21 11:52

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		09/17/21 12:13	09/18/21 08:08	1
Toluene	<0.00200	U	0.00200		mg/Kg		09/17/21 12:13	09/18/21 08:08	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		09/17/21 12:13	09/18/21 08:08	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		09/17/21 12:13	09/18/21 08:08	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		09/17/21 12:13	09/18/21 08:08	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		09/17/21 12:13	09/18/21 08:08	1
Total BTEX	<0.00399	U	0.00399		mg/Kg		09/17/21 12:13	09/18/21 08:08	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*107*		*70 - 130*	*09/17/21 12:13*	*09/18/21 08:08*	*1*
1,4-Difluorobenzene (Surr)	*96*		*70 - 130*	*09/17/21 12:13*	*09/18/21 08:08*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		09/17/21 16:14	09/18/21 00:27	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		09/17/21 16:14	09/18/21 00:27	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		09/17/21 16:14	09/18/21 00:27	1
Total TPH	<49.9	U	49.9		mg/Kg		09/17/21 16:14	09/18/21 00:27	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*100*		*70 - 130*	*09/17/21 16:14*	*09/18/21 00:27*	*1*
o-Terphenyl	*109*		*70 - 130*	*09/17/21 16:14*	*09/18/21 00:27*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<4.95	U	4.95		mg/Kg			09/23/21 00:26	1

Client Sample Results

Client: NT Global
Project/Site: Milky Way Fee (9.4.21)

Job ID: 880-6238-1
SDG: Eddy Co, NM

Client Sample ID: H4

Date Collected: 09/15/21 00:00
Date Received: 09/17/21 11:52

Lab Sample ID: 880-6238-4

Matrix: Solid

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		09/17/21 12:13	09/18/21 08:29	1
Toluene	<0.00202	U	0.00202		mg/Kg		09/17/21 12:13	09/18/21 08:29	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		09/17/21 12:13	09/18/21 08:29	1
m-Xylene & p-Xylene	<0.00403	U	0.00403		mg/Kg		09/17/21 12:13	09/18/21 08:29	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		09/17/21 12:13	09/18/21 08:29	1
Xylenes, Total	<0.00403	U	0.00403		mg/Kg		09/17/21 12:13	09/18/21 08:29	1
Total BTEX	<0.00403	U	0.00403		mg/Kg		09/17/21 12:13	09/18/21 08:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*88*		*70 - 130*	*09/17/21 12:13*	*09/18/21 08:29*	*1*
1,4-Difluorobenzene (Surr)	*79*		*70 - 130*	*09/17/21 12:13*	*09/18/21 08:29*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		09/20/21 08:36	09/20/21 19:52	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		09/20/21 08:36	09/20/21 19:52	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		09/20/21 08:36	09/20/21 19:52	1
Total TPH	<49.8	U	49.8		mg/Kg		09/20/21 08:36	09/20/21 19:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*103*		*70 - 130*	*09/20/21 08:36*	*09/20/21 19:52*	*1*
o-Terphenyl	*107*		*70 - 130*	*09/20/21 08:36*	*09/20/21 19:52*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.04	U	5.04		mg/Kg			09/23/21 00:32	1

Surrogate Summary

Client: NT Global
Project/Site: Milky Way Fee (9.4.21)

Job ID: 880-6238-1
SDG: Eddy Co, 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)
880-6232-A-1-A MS	Matrix Spike	112	74
880-6232-A-1-B MSD	Matrix Spike Duplicate	141 S1+	73
880-6238-1	H1	93	89
880-6238-2	H2	90	83
880-6238-3	H3	107	96
880-6238-4	H4	88	79
LCS 880-8042/1-A	Lab Control Sample	105	77
LCSD 880-8042/2-A	Lab Control Sample Dup	92	79
MB 880-8019/5-A	Method Blank	109	98
MB 880-8042/5-A	Method Blank	120	98

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)
880-6238-1	H1	106	115
880-6238-1 MS	H1	100	101
880-6238-1 MSD	H1	100	100
880-6238-2	H2	102	112
880-6238-3	H3	100	109
880-6238-4	H4	103	107
890-1272-A-1-C MS	Matrix Spike	108	107
890-1272-A-1-D MSD	Matrix Spike Duplicate	107	104
LCS 880-8049/2-A	Lab Control Sample	111	114
LCS 880-8094/2-A	Lab Control Sample	111	107
LCSD 880-8049/3-A	Lab Control Sample Dup	111	113
LCSD 880-8094/3-A	Lab Control Sample Dup	113	110
MB 880-8049/1-A	Method Blank	102	113
MB 880-8094/1-A	Method Blank	97	103

Surrogate Legend

1CO = 1-Chlorooctane
OTPH = o-Terphenyl

QC Sample Results

Client: NT Global
Project/Site: Milky Way Fee (9.4.21)

Job ID: 880-6238-1
SDG: Eddy Co, NM

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-8019/5-A
Matrix: Solid
Analysis Batch: 8020

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 8019

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		09/17/21 09:27	09/17/21 13:32	1
Toluene	<0.00200	U	0.00200		mg/Kg		09/17/21 09:27	09/17/21 13:32	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		09/17/21 09:27	09/17/21 13:32	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		09/17/21 09:27	09/17/21 13:32	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		09/17/21 09:27	09/17/21 13:32	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		09/17/21 09:27	09/17/21 13:32	1
Total BTEX	<0.00400	U	0.00400		mg/Kg		09/17/21 09:27	09/17/21 13:32	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*109*		*70 - 130*	*09/17/21 09:27*	*09/17/21 13:32*	*1*
1,4-Difluorobenzene (Surr)	*98*		*70 - 130*	*09/17/21 09:27*	*09/17/21 13:32*	*1*

Lab Sample ID: MB 880-8042/5-A
Matrix: Solid
Analysis Batch: 8020

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 8042

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		09/17/21 12:13	09/18/21 00:33	1
Toluene	<0.00200	U	0.00200		mg/Kg		09/17/21 12:13	09/18/21 00:33	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		09/17/21 12:13	09/18/21 00:33	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		09/17/21 12:13	09/18/21 00:33	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		09/17/21 12:13	09/18/21 00:33	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		09/17/21 12:13	09/18/21 00:33	1
Total BTEX	<0.00400	U	0.00400		mg/Kg		09/17/21 12:13	09/18/21 00:33	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*120*		*70 - 130*	*09/17/21 12:13*	*09/18/21 00:33*	*1*
1,4-Difluorobenzene (Surr)	*98*		*70 - 130*	*09/17/21 12:13*	*09/18/21 00:33*	*1*

Lab Sample ID: LCS 880-8042/1-A
Matrix: Solid
Analysis Batch: 8020

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 8042

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	0.100	0.08745		mg/Kg		87	70 - 130
Toluene	0.100	0.09646		mg/Kg		96	70 - 130
Ethylbenzene	0.100	0.1055		mg/Kg		106	70 - 130
m-Xylene & p-Xylene	0.200	0.1823		mg/Kg		91	70 - 130
o-Xylene	0.100	0.08958		mg/Kg		90	70 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*105*		*70 - 130*
1,4-Difluorobenzene (Surr)	*77*		*70 - 130*

QC Sample Results

Client: NT Global
Project/Site: Milky Way Fee (9.4.21)

Job ID: 880-6238-1
SDG: Eddy Co, NM

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

Lab Sample ID: LCSD 880-8042/2-A
Matrix: Solid
Analysis Batch: 8020

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 8042

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene			0.100	0.08183		mg/Kg		82	70 - 130	7	35
Toluene			0.100	0.08308		mg/Kg		83	70 - 130	15	35
Ethylbenzene			0.100	0.08268		mg/Kg		83	70 - 130	24	35
m-Xylene & p-Xylene			0.200	0.1575		mg/Kg		79	70 - 130	15	35
o-Xylene			0.100	0.07428		mg/Kg		74	70 - 130	19	35

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*92*		*70 - 130*
1,4-Difluorobenzene (Surr)	*79*		*70 - 130*

Lab Sample ID: 880-6232-A-1-A MS
Matrix: Solid
Analysis Batch: 8020

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 8042

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	<0.00199	U F1 F2	0.100	0.07119		mg/Kg		71	70 - 130
Toluene	<0.00199	U F1 F2	0.100	0.06561	F1	mg/Kg		65	70 - 130
Ethylbenzene	<0.00199	U F1 F2	0.100	0.07385		mg/Kg		74	70 - 130
m-Xylene & p-Xylene	<0.00398	U F1	0.200	0.1187	F1	mg/Kg		59	70 - 130
o-Xylene	<0.00199	U F1	0.100	0.06760	F1	mg/Kg		67	70 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*112*		*70 - 130*
1,4-Difluorobenzene (Surr)	*74*		*70 - 130*

Lab Sample ID: 880-6232-A-1-B MSD
Matrix: Solid
Analysis Batch: 8020

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 8042

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	<0.00199	U F1 F2	0.0996	0.02054	F1 F2	mg/Kg		21	70 - 130	110	35
Toluene	<0.00199	U F1 F2	0.0996	0.04211	F1 F2	mg/Kg		42	70 - 130	44	35
Ethylbenzene	<0.00199	U F1 F2	0.0996	0.04580	F1 F2	mg/Kg		46	70 - 130	47	35
m-Xylene & p-Xylene	<0.00398	U F1	0.199	0.08695	F1	mg/Kg		44	70 - 130	31	35
o-Xylene	<0.00199	U F1	0.0996	0.05392	F1	mg/Kg		54	70 - 130	23	35

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*141*	*S1+*	*70 - 130*
1,4-Difluorobenzene (Surr)	*73*		*70 - 130*

QC Sample Results

Client: NT Global
Project/Site: Milky Way Fee (9.4.21)

Job ID: 880-6238-1
SDG: Eddy Co, NM

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

Lab Sample ID: MB 880-8049/1-A
Matrix: Solid
Analysis Batch: 8026

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 8049

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		09/17/21 16:14	09/17/21 21:59	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		09/17/21 16:14	09/17/21 21:59	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		09/17/21 16:14	09/17/21 21:59	1
Total TPH	<50.0	U	50.0		mg/Kg		09/17/21 16:14	09/17/21 21:59	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*102*		*70 - 130*	*09/17/21 16:14*	*09/17/21 21:59*	*1*
o-Terphenyl	*113*		*70 - 130*	*09/17/21 16:14*	*09/17/21 21:59*	*1*

Lab Sample ID: LCS 880-8049/2-A
Matrix: Solid
Analysis Batch: 8026

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 8049

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Gasoline Range Organics (GRO)-C6-C10	1000	801.7		mg/Kg		80	70 - 130
Diesel Range Organics (Over C10-C28)	1000	873.0		mg/Kg		87	70 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1-Chlorooctane	*111*		*70 - 130*
o-Terphenyl	*114*		*70 - 130*

Lab Sample ID: LCSD 880-8049/3-A
Matrix: Solid
Analysis Batch: 8026

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 8049

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	888.3		mg/Kg		89	70 - 130	10	20
Diesel Range Organics (Over C10-C28)	1000	924.0		mg/Kg		92	70 - 130	6	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1-Chlorooctane	*111*		*70 - 130*
o-Terphenyl	*113*		*70 - 130*

Lab Sample ID: 880-6238-1 MS
Matrix: Solid
Analysis Batch: 8026

Client Sample ID: H1
Prep Type: Total/NA
Prep Batch: 8049

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	997	836.0		mg/Kg		84	70 - 130
Diesel Range Organics (Over C10-C28)	<49.8	U	997	897.2		mg/Kg		90	70 - 130

QC Sample Results

Client: NT Global
Project/Site: Milky Way Fee (9.4.21)

Job ID: 880-6238-1
SDG: Eddy Co, NM

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

Lab Sample ID: 880-6238-1 MS
Matrix: Solid
Analysis Batch: 8026

Client Sample ID: H1
Prep Type: Total/NA
Prep Batch: 8049

Surrogate	MS %Recovery	MS Qualifier	Limits
1-Chlorooctane	100		70 - 130
o-Terphenyl	101		70 - 130

Lab Sample ID: 880-6238-1 MSD
Matrix: Solid
Analysis Batch: 8026

Client Sample ID: H1
Prep Type: Total/NA
Prep Batch: 8049

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	<49.8	U	999	870.1		mg/Kg		87	70 - 130	4	20
Diesel Range Organics (Over C10-C28)	<49.8	U	999	902.4		mg/Kg		90	70 - 130	1	20

Surrogate	MSD %Recovery	MSD Qualifier	Limits
1-Chlorooctane	100		70 - 130
o-Terphenyl	100		70 - 130

Lab Sample ID: MB 880-8094/1-A
Matrix: Solid
Analysis Batch: 8096

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 8094

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		09/20/21 08:36	09/20/21 11:18	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		09/20/21 08:36	09/20/21 11:18	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		09/20/21 08:36	09/20/21 11:18	1
Total TPH	<50.0	U	50.0		mg/Kg		09/20/21 08:36	09/20/21 11:18	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	97		70 - 130	09/20/21 08:36	09/20/21 11:18	1
o-Terphenyl	103		70 - 130	09/20/21 08:36	09/20/21 11:18	1

Lab Sample ID: LCS 880-8094/2-A
Matrix: Solid
Analysis Batch: 8096

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 8094

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Gasoline Range Organics (GRO)-C6-C10	1000	1140		mg/Kg		114	70 - 130
Diesel Range Organics (Over C10-C28)	1000	1059		mg/Kg		106	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1-Chlorooctane	111		70 - 130
o-Terphenyl	107		70 - 130

QC Sample Results

Client: NT Global
Project/Site: Milky Way Fee (9.4.21)

Job ID: 880-6238-1
SDG: Eddy Co, NM

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

Lab Sample ID: LCSD 880-8094/3-A
Matrix: Solid
Analysis Batch: 8096

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 8094

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	1148		mg/Kg		115	70 - 130	1	20
Diesel Range Organics (Over C10-C28)			1000	1072		mg/Kg		107	70 - 130	1	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1-Chlorooctane	*113*		*70 - 130*
o-Terphenyl	*110*		*70 - 130*

Lab Sample ID: 890-1272-A-1-C MS
Matrix: Solid
Analysis Batch: 8096

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 8094

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	997	1217		mg/Kg		119	70 - 130		
Diesel Range Organics (Over C10-C28)	<49.8	U	997	1005		mg/Kg		96	70 - 130		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1-Chlorooctane	*108*		*70 - 130*
o-Terphenyl	*107*		*70 - 130*

Lab Sample ID: 890-1272-A-1-D MSD
Matrix: Solid
Analysis Batch: 8096

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 8094

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	<49.8	U	999	1094		mg/Kg		107	70 - 130	11	20
Diesel Range Organics (Over C10-C28)	<49.8	U	999	1003		mg/Kg		96	70 - 130	0	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1-Chlorooctane	*107*		*70 - 130*
o-Terphenyl	*104*		*70 - 130*

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-8120/1-A
Matrix: Solid
Analysis Batch: 8216

Client Sample ID: Method Blank
Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00		mg/Kg			09/22/21 22:11	1

QC Sample Results

Client: NT Global
Project/Site: Milky Way Fee (9.4.21)

Job ID: 880-6238-1
SDG: Eddy Co, NM

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: LCS 880-8120/2-A
Matrix: Solid
Analysis Batch: 8216

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Chloride			250	252.4		mg/Kg		101	90 - 110		

Lab Sample ID: LCSD 880-8120/3-A
Matrix: Solid
Analysis Batch: 8216

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	252.4		mg/Kg		101	90 - 110	0	20

Lab Sample ID: 880-6236-A-12-D MS
Matrix: Solid
Analysis Batch: 8216

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	18.7		250	280.8		mg/Kg		105	90 - 110		

Lab Sample ID: 880-6236-A-12-E MSD
Matrix: Solid
Analysis Batch: 8216

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	18.7		250	276.2		mg/Kg		103	90 - 110	2	20

QC Association Summary

Client: NT Global
Project/Site: Milky Way Fee (9.4.21)

Job ID: 880-6238-1
SDG: Eddy Co, NM

GC VOA

Prep Batch: 8019

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-8019/5-A	Method Blank	Total/NA	Solid	5035	

Analysis Batch: 8020

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-6238-1	H1	Total/NA	Solid	8021B	8042
880-6238-2	H2	Total/NA	Solid	8021B	8042
880-6238-3	H3	Total/NA	Solid	8021B	8042
880-6238-4	H4	Total/NA	Solid	8021B	8042
MB 880-8019/5-A	Method Blank	Total/NA	Solid	8021B	8019
MB 880-8042/5-A	Method Blank	Total/NA	Solid	8021B	8042
LCS 880-8042/1-A	Lab Control Sample	Total/NA	Solid	8021B	8042
LCSD 880-8042/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	8042
880-6232-A-1-A MS	Matrix Spike	Total/NA	Solid	8021B	8042
880-6232-A-1-B MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	8042

Prep Batch: 8042

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-6238-1	H1	Total/NA	Solid	5035	
880-6238-2	H2	Total/NA	Solid	5035	
880-6238-3	H3	Total/NA	Solid	5035	
880-6238-4	H4	Total/NA	Solid	5035	
MB 880-8042/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-8042/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-8042/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-6232-A-1-A MS	Matrix Spike	Total/NA	Solid	5035	
880-6232-A-1-B MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

GC Semi VOA

Analysis Batch: 8026

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-6238-1	H1	Total/NA	Solid	8015B NM	8049
880-6238-2	H2	Total/NA	Solid	8015B NM	8049
880-6238-3	H3	Total/NA	Solid	8015B NM	8049
MB 880-8049/1-A	Method Blank	Total/NA	Solid	8015B NM	8049
LCS 880-8049/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	8049
LCSD 880-8049/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	8049
880-6238-1 MS	H1	Total/NA	Solid	8015B NM	8049
880-6238-1 MSD	H1	Total/NA	Solid	8015B NM	8049

Prep Batch: 8049

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-6238-1	H1	Total/NA	Solid	8015NM Prep	
880-6238-2	H2	Total/NA	Solid	8015NM Prep	
880-6238-3	H3	Total/NA	Solid	8015NM Prep	
MB 880-8049/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-8049/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-8049/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-6238-1 MS	H1	Total/NA	Solid	8015NM Prep	
880-6238-1 MSD	H1	Total/NA	Solid	8015NM Prep	

QC Association Summary

Client: NT Global
Project/Site: Milky Way Fee (9.4.21)

Job ID: 880-6238-1
SDG: Eddy Co, NM

GC Semi VOA

Prep Batch: 8094

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-6238-4	H4	Total/NA	Solid	8015NM Prep	
MB 880-8094/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-8094/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-8094/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-1272-A-1-C MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
890-1272-A-1-D MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Analysis Batch: 8096

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-6238-4	H4	Total/NA	Solid	8015B NM	8094
MB 880-8094/1-A	Method Blank	Total/NA	Solid	8015B NM	8094
LCS 880-8094/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	8094
LCSD 880-8094/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	8094
890-1272-A-1-C MS	Matrix Spike	Total/NA	Solid	8015B NM	8094
890-1272-A-1-D MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	8094

HPLC/IC

Leach Batch: 8120

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-6238-1	H1	Soluble	Solid	DI Leach	
880-6238-2	H2	Soluble	Solid	DI Leach	
880-6238-3	H3	Soluble	Solid	DI Leach	
880-6238-4	H4	Soluble	Solid	DI Leach	
MB 880-8120/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-8120/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-8120/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-6236-A-12-D MS	Matrix Spike	Soluble	Solid	DI Leach	
880-6236-A-12-E MSD	Matrix Spike Duplicate	Soluble	Solid	DI Leach	

Analysis Batch: 8216

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-6238-1	H1	Soluble	Solid	300.0	8120
880-6238-2	H2	Soluble	Solid	300.0	8120
880-6238-3	H3	Soluble	Solid	300.0	8120
880-6238-4	H4	Soluble	Solid	300.0	8120
MB 880-8120/1-A	Method Blank	Soluble	Solid	300.0	8120
LCS 880-8120/2-A	Lab Control Sample	Soluble	Solid	300.0	8120
LCSD 880-8120/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	8120
880-6236-A-12-D MS	Matrix Spike	Soluble	Solid	300.0	8120
880-6236-A-12-E MSD	Matrix Spike Duplicate	Soluble	Solid	300.0	8120

Lab Chronicle

Client: NT Global
Project/Site: Milky Way Fee (9.4.21)

Job ID: 880-6238-1
SDG: Eddy Co, NM

Client Sample ID: H1

Lab Sample ID: 880-6238-1
Matrix: Solid
Date Collected: 09/15/21 00:00
Date Received: 09/17/21 11:52

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	8042	09/17/21 12:13	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	8020	09/18/21 07:26	KL	XEN MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	8049	09/17/21 16:14	DM	XEN MID
Total/NA	Analysis	8015B NM		1			8026	09/17/21 23:03	AJ	XEN MID
Soluble	Leach	DI Leach			5.02 g	50 mL	8120	09/20/21 11:59	CH	XEN MID
Soluble	Analysis	300.0		1			8216	09/23/21 00:04	CH	XEN MID

Client Sample ID: H2

Lab Sample ID: 880-6238-2
Matrix: Solid
Date Collected: 09/15/21 00:00
Date Received: 09/17/21 11:52

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	8042	09/17/21 12:13	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	8020	09/18/21 07:47	KL	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	8049	09/17/21 16:14	DM	XEN MID
Total/NA	Analysis	8015B NM		1			8026	09/18/21 00:06	AJ	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	8120	09/20/21 11:59	CH	XEN MID
Soluble	Analysis	300.0		1			8216	09/23/21 00:09	CH	XEN MID

Client Sample ID: H3

Lab Sample ID: 880-6238-3
Matrix: Solid
Date Collected: 09/15/21 00:00
Date Received: 09/17/21 11:52

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	8042	09/17/21 12:13	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	8020	09/18/21 08:08	KL	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	8049	09/17/21 16:14	DM	XEN MID
Total/NA	Analysis	8015B NM		1			8026	09/18/21 00:27	AJ	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	8120	09/20/21 11:59	CH	XEN MID
Soluble	Analysis	300.0		1			8216	09/23/21 00:26	CH	XEN MID

Client Sample ID: H4

Lab Sample ID: 880-6238-4
Matrix: Solid
Date Collected: 09/15/21 00:00
Date Received: 09/17/21 11:52

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	8042	09/17/21 12:13	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	8020	09/18/21 08:29	KL	XEN MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	8094	09/20/21 08:36	DM	XEN MID
Total/NA	Analysis	8015B NM		1			8096	09/20/21 19:52	AJ	XEN MID
Soluble	Leach	DI Leach			4.96 g	50 mL	8120	09/20/21 11:59	CH	XEN MID
Soluble	Analysis	300.0		1			8216	09/23/21 00:32	CH	XEN MID

Laboratory References:

XEN MID = Eurofins Xenco, Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

Accreditation/Certification Summary

Client: NT Global
Project/Site: Milky Way Fee (9.4.21)

Job ID: 880-6238-1
SDG: Eddy Co, NM

Laboratory: Eurofins Xenco, Midland

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

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704400-21-22	06-30-22

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
8015B NM	8015NM Prep	Solid	Total TPH
8021B	5035	Solid	Total BTEX

Method Summary

Client: NT Global
Project/Site: Milky Way Fee (9.4.21)

Job ID: 880-6238-1
SDG: Eddy Co, NM

Method	Method Description	Protocol	Laboratory
8021B	Volatile Organic Compounds (GC)	SW846	XEN MID
8015B NM	Diesel Range Organics (DRO) (GC)	SW846	XEN MID
300.0	Anions, Ion Chromatography	MCAWW	XEN MID
5035	Closed System Purge and Trap	SW846	XEN MID
8015NM Prep	Microextraction	SW846	XEN MID
DI Leach	Deionized Water Leaching Procedure	ASTM	XEN MID

Protocol References:

ASTM = ASTM International

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

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

Laboratory References:

XEN MID = Eurofins Xenco, Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

Sample Summary

Client: NT Global
Project/Site: Milky Way Fee (9.4.21)

Job ID: 880-6238-1
SDG: Eddy Co, NM

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
880-6238-1	H1	Solid	09/15/21 00:00	09/17/21 11:52
880-6238-2	H2	Solid	09/15/21 00:00	09/17/21 11:52
880-6238-3	H3	Solid	09/15/21 00:00	09/17/21 11:52
880-6238-4	H4	Solid	09/15/21 00:00	09/17/21 11:52

Chain of Custody

NTG ENVIRONMENTAL

880-6238 Chain of Custody

Page 1 of 1

Project Manager:	Mike Carmona	Bill to: (if different)	Jacqui Harris
Company Name:	NTG Environmental	Company Name	COG
Address:	701 Tradewinds BLVD	Address	15 W Loving Rd
City, State ZIP	Midland, TX 79706	City, State ZIP	Loving,NM 88256
Phone:	432-312-7736	Email	jacquiharris@conocophillips.com

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:

Project Name:	Milky Way Fee (9 4 21)	Turn Around	
Project Number:	214671	☑ Routine ☐ Rush	
Project Location	Eddy Co, NM	Due Date	
Sampler's Name:	ES	TAT starts the day received by the lab if received by 4 30pm	
PO #:			

SAMPLE RECEIPT			
Temp Blank.	Yes No	Wet Ice:	Yes No
Received Intact:	Yes No	Thermometer ID	TR8
Cooler Custody Seals.	Yes No N/A	Correction Factor:	0.5
Sample Custody Seals:	Yes No N/A	Temperature Reading	4.2
Total Containers.		Corrected Temperature.	4.7

ANALYSIS REQUEST

Preservative Codes

None NO DI Water H_2O

Cool Cool MeOH Me

HCL HC HNO_3 HN

H_2S0_4 H_2 NaOH Na

H_3PO_4 HP

$NaHSO_4$ NABIS

$Na_2S_2O_3$ $NaSO_3$

Zn Acetate+NaOH Zn

NaOH+Ascorbic Acid SAPC

Sample Identification	Date	Time	Soil	Water	Grab/ Comp	# of Cont	Pres. Code	BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 300 0	HOLD	Sample Comments
H1	9/15/2021		X		G	1		X	X	X		
H2	9/15/2021		X		G	1		X	X	X		
H3	9/15/2021		X		G	1		X	X	X		
H4	9/15/2021		X		G	1		X	X	X		

Additoinal Comments:

Relinquished by: (Signature)	Received by. (Signature)	Date/Time	Relinquished by (Signature)	Received by: (Signature)	Date/Time
1 Nick Hart		9 17 21	2		
3		1145	4		
5			6		

Revised Date 05012020 Rev 2020.1

9/23/2021

Login Sample Receipt Checklist

Client: NT Global

Job Number: 880-6238-1
SDG Number: Eddy Co, NM

Login Number: 6238
List Number: 1
Creator: Teel, Brianna

List Source: Eurofins Xenco, 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.	False	No time on COC, logged in per container labels.
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	

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

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

State of New Mexico
Energy Minerals and Natural Resources Department

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

Form C-141
Revised August 24, 2018
Submit to appropriate OCD District office

Incident ID	NAPP2126447227
District RP	
Facility ID	
Application ID	

Release Notification

Responsible Party

Responsible Party	COG Operating, LLC	OGRID	229137
Contact Name	Jacqui Harris	Contact Telephone	(575) 496-0780
Contact email	Jacqui.Harris@ConocoPhillips.com	Incident # *(assigned by OCD)*	NAPP2126447227
Contact mailing address	600 West Illinois Avenue, Midland, Texas 79701		

Location of Release Source

Latitude 32.41251 Longitude -104.20063

(NAD 83 in decimal degrees to 5 decimal places)

Site Name	Milky Way Fee 002	Site Type	Tank Battery
Date Release Discovered	September 4, 2021	API# *(if applicable)*	30-015-33150

Unit Letter	Section	Township	Range	County
D	09	22S	27E	Eddy

Surface Owner: ☐ State ☐ Federal ☐ Tribal ☒ Private (*Name:* Murphy, Elaine Mead Revocable TRST)

Nature and Volume of Release

Material(s) Released (Select all that apply and attach calculations or specific justification for the volumes provided below)

☐ Crude Oil	Volume Released (bbls)	Volume Recovered (bbls)
☒ Produced Water	Volume Released (bbls) 80	Volume Recovered (bbls) 0
	Is the concentration of dissolved chloride in the produced water >10,000 mg/l?	☒ Yes ☐ No
☐ Condensate	Volume Released (bbls)	Volume Recovered (bbls)
☐ Natural Gas	Volume Released (Mcf)	Volume Recovered (Mcf)
☐ Other (describe)	Volume/Weight Released (provide units)	Volume/Weight Recovered (provide units)

Cause of Release

The release was caused by a lightning strike that occured to the water tanks resulting in a fire. The release and fire occurred on the pad.

Form C-141
Page 2

State of New Mexico
Oil Conservation Division

Incident ID	NAPP2126447227
District RP	
Facility ID	
Application ID	

Was this a major release as defined by 19.15.29.7(A) NMAC? ☒ Yes ☐ No	If YES, for what reason(s) does the responsible party consider this a major release? The volume released was greater than 25 barrels.

If YES, was immediate notice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)?
Immediate notice was given by Jacqui Harris via e-mail September 6, 201 at 8:33 pm to ocd.enviro@state.nm.us.

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.
- ☒ The impacted area has been secured to protect human health and the environment.
- ☒ Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices.
- ☒ All free liquids and recoverable materials have been removed and managed appropriately.

If all the actions described above have not been undertaken, explain why:

Per 19.15.29.8 B. (4) NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please attach a narrative of actions to date. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see 19.15.29.11(A)(5)(a) NMAC), please attach all information needed for closure evaluation.

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: Brittany N. Esparza Title: Environmental Technician

Signature: Brittany Esparza Date: 9/20/2021

email: Brittany.Esparza@ConocoPhillips.com Telephone: (432) 221-0398

OCD Only

Received by: Ramona Marcus Date: 9/21/2021

District I
1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-6161 Fax:(575) 393-0720
District II
811 S. First St., Artesia, NM 88210
Phone:(575) 748-1283 Fax:(575) 748-9720
District III
1000 Rio Brazos Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170
District IV
1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3462

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

CONDITIONS

Operator: COG OPERATING LLC 600 W Illinois Ave Midland, TX 79701	OGRID: 229137
	Action Number: 50689
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
rmarcus	When submitting future reports regarding this release, please submit the calculations used or specific justification for the volumes reported on the initial C-141	9/21/2021

State of New Mexico
Oil Conservation Division

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?	_____ (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.

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Page 4

State of New Mexico
Oil Conservation Division

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: _____ Title: _____

Signature: Jacqui Harris Date: _____

email: _____ Telephone: _____

OCD Only

Received by: _____ Date: _____

State of New Mexico
Oil Conservation Division

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: _____ Title: _____

Signature: Jacqui Harris Date: _____

email: _____ Telephone: _____

OCD Only

Received by: _____ Date: _____

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

Signature: _____ Date: _____

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

State of New Mexico
Energy Minerals and Natural Resources Department

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

Form C-141
Revised August 24, 2018
Submit to appropriate OCD District office

Incident ID	NAPP2126447227
District RP	
Facility ID	
Application ID	

Closure

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 (electronic submittals in .pdf format are preferred) 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.

Closure Report Attachment Checklist: ***Each of the following items must be included in the closure report.***

☒ A scaled site and sampling diagram as described in 19.15.29.11 NMAC

☒ Photographs of the remediated site prior to backfill or photos of the liner integrity if applicable (Note: appropriate OCD District office must be notified 2 days prior to liner inspection)

☒ Laboratory analyses of final sampling (Note: appropriate ODC District office must be notified 2 days prior to final sampling)

☒ Description of remediation activities

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.

Printed Name: Ike Tavarez Title: Staff Program Manager

Signature: _____ Date: 7/5/2022

email: _____ Telephone: _____

State of New Mexico
Oil Conservation Division

Incident ID	
District RP	
Facility ID	
Application ID	

OCD Only

Received by: _____ Date: _____

Closure approval by the OCD does not relieve the responsible party of liability should their operations have failed to adequately investigate and remediate contamination that poses a threat to groundwater, surface water, human health, or the environment nor does not relieve the responsible party of compliance with any other federal, state, or local laws and/or regulations.

Closure Approved by: Jennifer Nobui Date: 08/29/2022

Printed Name: Jennifer Nobui Title: Environmental Specialist A

Appendix C: Photographic Documentation

Milky Way Fee #002

Photographic Documentation

Photograph No. 1 **Date:** **3/15/2022** **Direction:** **West** **Description:** **View of excavation activities.**	
Photograph No. 2 **Date:** **3/15/2022** **Direction:** **East** **Description:** **View of excavation activities.**	

Milky Way Fee #002

Photographic Documentation

Photograph No. 3 **Date:** **3/15/2022** **Direction:** **Northwest** **Description:** **View of excavation activities.**	
Photograph No. 4 **Date:** **3/15/2022** **Direction:** **Northwest** **Description:** **View of stockpile.**	

Milky Way Fee #002

Photographic Documentation

Photograph No. 5 **Date:** **3/15/2022** **Direction:** **Northwest** **Description:** **View of remediated area.**	
Photograph No. 6 **Date:** **3/15/2022** **Direction:** **Northwest** **Description:** **View of remediated area.**	

Appendix D: Water Well Search

New Mexico Office of the State Engineer
Water Column/Average Depth to Water

(quarters are 1=NW 2=NE 3=SW 4=SE)
(quarters are smallest to largest) (NAD83 UTM in meters)

No records found.

UTMNAD83 Radius Search (in meters):

Easting (X): 575158.8 **Northing (Y):** 3586461.33 **Radius:** 804.67

3/16/22 7:21 AM

WATER COLUMN/ AVERAGE DEPTH TO WATER

New Mexico Office of the State Engineer
Point of Diversion Summary

Well Tag	POD Number	(quarters are 1=NW 2=NE 3=SW 4=SE) (quarters are smallest to largest) Q64	Q16	Q4	Sec	Twn	Rng	(NAD83 UTM in meters) X	Y
	C 02063				08	22S	27E	574089	3585825*

Driller License: 592 **Driller Company:** TOMBLIN DRILLING

Driller Name:

Drill Start Date: 06/01/1983 **Drill Finish Date:** 07/31/1983 **Plug Date:**

Log File Date: 07/05/1984 **PCW Rcv Date:** **Source:** Shallow

Pump Type: **Pipe Discharge Size:** **Estimated Yield:** 25 GPM

Casing Size: 6.00 **Depth Well:** 45 feet **Depth Water:** 25 feet

Water Bearing Stratifications:	Top	Bottom	Description
	25	40	Other/Unknown

Casing Perforations:	Top	Bottom
	35	45

***UTM location was derived from PLSS - see Help**

New Mexico Office of the State Engineer
Point of Diversion Summary

Well Tag	POD Number	(quarters are 1=NW 2=NE 3=SW 4=SE) (quarters are smallest to largest) Q64	Q16	Q4	Sec	Tws	Rng	(NAD83 UTM in meters) X	Y
	C 01493	2	3	3	09	22S	27E	575205	3585337*

Driller License:	46	**Driller Company:**	ABBOTT BROTHERS COMPANY		
Driller Name:	ABBOTT, MURRELL				
Drill Start Date:	01/29/1973	**Drill Finish Date:**	01/30/1973	**Plug Date:**	08/18/1992
Log File Date:	02/05/1973	**PCW Rcv Date:**		**Source:**	Shallow
Pump Type:		**Pipe Discharge Size:**		**Estimated Yield:**	
Casing Size:	8.63	**Depth Well:**	60 feet	**Depth Water:**	18 feet

***UTM location was derived from PLSS - see Help**

Appendix E: Laboratory Analytical Data

eurofins | Environment Testing America

ANALYTICAL REPORT

Eurofins Carlsbad
1089 N Canal St.
Carlsbad, NM 88220
Tel: (575)988-3199

Laboratory Job ID: 890-2079-1
Laboratory Sample Delivery Group: Carlsbad NM
Client Project/Site: COP Milky way fee 002

For:
TRC Solutions, Inc.
2057 Commerce Drive
Midland, Texas 79703

Attn: Jared Stoffel

JKramer

Authorized for release by:
3/18/2022 6:57:18 PM

Jessica Kramer, Project Manager
(432)704-5440
jessica.kramer@eurofinset.com

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

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

Client: TRC Solutions, Inc.
Project/Site: COP Milky way fee 002

Laboratory Job ID: 890-2079-1
SDG: Carlsbad NM

Table of Contents

Definitions/Glossary

Client: TRC Solutions, Inc.
Project/Site: COP Milky way fee 002

Job ID: 890-2079-1
SDG: Carlsbad NM

Qualifiers

GC VOA

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
U	Indicates the analyte was analyzed for but not detected.

GC Semi VOA

Qualifier	Qualifier Description
*1	LCS/LCSD RPD exceeds control limits.
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: COP Milky way fee 002

Job ID: 890-2079-1
SDG: Carlsbad NM

Job ID: 890-2079-1

Laboratory: Eurofins Carlsbad

Narrative

Job Narrative
890-2079-1

Receipt
The samples were received on 3/15/2022 4:33 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 4.4°C

GC VOA
Method 8021B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-21701 and analytical batch 880-21704 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

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 RPD of the laboratory control sample (LCS) and laboratory control sample duplicate (LCSD) for preparation batch 880-21740 and analytical batch 880-21675 recovered outside control limits for the following analytes: Gasoline Range Organics (GRO)-C6-C10

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: COP Milky way fee 002

Job ID: 890-2079-1
SDG: Carlsbad NM

Client Sample ID: CS-1 @ 3.5'

Lab Sample ID: 890-2079-1
Matrix: Solid
Date Collected: 03/15/22 08:00
Date Received: 03/15/22 16:33
Sample Depth: 3.5

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		03/16/22 13:35	03/17/22 04:06	1
Toluene	<0.00199	U	0.00199		mg/Kg		03/16/22 13:35	03/17/22 04:06	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		03/16/22 13:35	03/17/22 04:06	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		03/16/22 13:35	03/17/22 04:06	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		03/16/22 13:35	03/17/22 04:06	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		03/16/22 13:35	03/17/22 04:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*102*		*70 - 130*	*03/16/22 13:35*	*03/17/22 04:06*	*1*
1,4-Difluorobenzene (Surr)	*109*		*70 - 130*	*03/16/22 13:35*	*03/17/22 04:06*	*1*

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			03/17/22 12:10	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			03/17/22 08:43	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U *1	49.8		mg/Kg		03/16/22 13:49	03/16/22 21:18	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		03/16/22 13:49	03/16/22 21:18	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		03/16/22 13:49	03/16/22 21:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*108*		*70 - 130*	*03/16/22 13:49*	*03/16/22 21:18*	*1*
o-Terphenyl	*110*		*70 - 130*	*03/16/22 13:49*	*03/16/22 21:18*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**239**		4.99		mg/Kg			03/17/22 22:20	1

Client Sample ID: CS-2 @ 3.5'

Lab Sample ID: 890-2079-2
Matrix: Solid
Date Collected: 03/15/22 08:05
Date Received: 03/15/22 16:33
Sample Depth: 3.5

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		03/16/22 13:35	03/17/22 04:27	1
Toluene	<0.00201	U	0.00201		mg/Kg		03/16/22 13:35	03/17/22 04:27	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		03/16/22 13:35	03/17/22 04:27	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		03/16/22 13:35	03/17/22 04:27	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		03/16/22 13:35	03/17/22 04:27	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		03/16/22 13:35	03/17/22 04:27	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*103*		*70 - 130*	*03/16/22 13:35*	*03/17/22 04:27*	*1*

Eurofins Carlsbad

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: COP Milky way fee 002

Job ID: 890-2079-1
SDG: Carlsbad NM

Client Sample ID: CS-2 @ 3.5'

Lab Sample ID: 890-2079-2
Matrix: Solid
Date Collected: 03/15/22 08:05
Date Received: 03/15/22 16:33
Sample Depth: 3.5

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	*109*		*70 - 130*	*03/16/22 13:35*	*03/17/22 04:27*	*1*

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			03/17/22 12:10	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			03/17/22 08:43	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U *1	49.9		mg/Kg		03/16/22 13:49	03/16/22 22:20	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		03/16/22 13:49	03/16/22 22:20	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		03/16/22 13:49	03/16/22 22:20	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	*104*		*70 - 130*	*03/16/22 13:49*	*03/16/22 22:20*	*1*
o-Terphenyl	*104*		*70 - 130*	*03/16/22 13:49*	*03/16/22 22:20*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**230**		4.98		mg/Kg			03/17/22 22:30	1

Client Sample ID: CS-3 @ 2'

Lab Sample ID: 890-2079-3
Matrix: Solid
Date Collected: 03/15/22 08:10
Date Received: 03/15/22 16:33
Sample Depth: 2.5

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		03/16/22 13:35	03/17/22 04:47	1
Toluene	<0.00200	U	0.00200		mg/Kg		03/16/22 13:35	03/17/22 04:47	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		03/16/22 13:35	03/17/22 04:47	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		03/16/22 13:35	03/17/22 04:47	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		03/16/22 13:35	03/17/22 04:47	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		03/16/22 13:35	03/17/22 04:47	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	*106*		*70 - 130*	*03/16/22 13:35*	*03/17/22 04:47*	*1*
1,4-Difluorobenzene (Surr)	*109*		*70 - 130*	*03/16/22 13:35*	*03/17/22 04:47*	*1*

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			03/17/22 12:10	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			03/17/22 08:43	1

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Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: COP Milky way fee 002

Job ID: 890-2079-1
SDG: Carlsbad NM

Client Sample ID: CS-3 @ 2'

Lab Sample ID: 890-2079-3
Matrix: Solid
Date Collected: 03/15/22 08:10
Date Received: 03/15/22 16:33
Sample Depth: 2.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U *1	49.9		mg/Kg		03/16/22 13:49	03/16/22 22:40	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		03/16/22 13:49	03/16/22 22:40	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		03/16/22 13:49	03/16/22 22:40	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*104*		*70 - 130*	*03/16/22 13:49*	*03/16/22 22:40*	*1*
o-Terphenyl	*104*		*70 - 130*	*03/16/22 13:49*	*03/16/22 22:40*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**32.3**		4.95		mg/Kg			03/17/22 22:41	1

Client Sample ID: CS-4 @ 2'

Lab Sample ID: 890-2079-4
Matrix: Solid
Date Collected: 03/15/22 08:15
Date Received: 03/15/22 16:33
Sample Depth: 2

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		03/16/22 13:35	03/17/22 05:08	1
Toluene	<0.00199	U	0.00199		mg/Kg		03/16/22 13:35	03/17/22 05:08	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		03/16/22 13:35	03/17/22 05:08	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		03/16/22 13:35	03/17/22 05:08	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		03/16/22 13:35	03/17/22 05:08	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		03/16/22 13:35	03/17/22 05:08	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*106*		*70 - 130*	*03/16/22 13:35*	*03/17/22 05:08*	*1*
1,4-Difluorobenzene (Surr)	*110*		*70 - 130*	*03/16/22 13:35*	*03/17/22 05:08*	*1*

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			03/17/22 12:10	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			03/17/22 08:43	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U *1	50.0		mg/Kg		03/16/22 13:49	03/16/22 23:00	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		03/16/22 13:49	03/16/22 23:00	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		03/16/22 13:49	03/16/22 23:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*103*		*70 - 130*	*03/16/22 13:49*	*03/16/22 23:00*	*1*
o-Terphenyl	*103*		*70 - 130*	*03/16/22 13:49*	*03/16/22 23:00*	*1*

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: COP Milky way fee 002

Job ID: 890-2079-1
SDG: Carlsbad NM

Client Sample ID: CS-4 @ 2'

Lab Sample ID: 890-2079-4
Matrix: Solid
Date Collected: 03/15/22 08:15
Date Received: 03/15/22 16:33
Sample Depth: 2

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	43.8		5.05		mg/Kg			03/17/22 22:51	1

Client Sample ID: CS-5 @ 2'

Lab Sample ID: 890-2079-5
Matrix: Solid
Date Collected: 03/15/22 08:20
Date Received: 03/15/22 16:33
Sample Depth: 2

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		03/16/22 13:35	03/17/22 05:28	1
Toluene	<0.00200	U	0.00200		mg/Kg		03/16/22 13:35	03/17/22 05:28	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		03/16/22 13:35	03/17/22 05:28	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		03/16/22 13:35	03/17/22 05:28	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		03/16/22 13:35	03/17/22 05:28	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		03/16/22 13:35	03/17/22 05:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*100*		*70 - 130*	*03/16/22 13:35*	*03/17/22 05:28*	*1*
1,4-Difluorobenzene (Surr)	*107*		*70 - 130*	*03/16/22 13:35*	*03/17/22 05:28*	*1*

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00400	U	0.00400		mg/Kg			03/17/22 12:10	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			03/17/22 08:43	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U *1	49.9		mg/Kg		03/16/22 13:49	03/16/22 23:20	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		03/16/22 13:49	03/16/22 23:20	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		03/16/22 13:49	03/16/22 23:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*101*		*70 - 130*	*03/16/22 13:49*	*03/16/22 23:20*	*1*
o-Terphenyl	*102*		*70 - 130*	*03/16/22 13:49*	*03/16/22 23:20*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	232		5.00		mg/Kg			03/17/22 23:01	1

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: COP Milky way fee 002

Job ID: 890-2079-1
SDG: Carlsbad NM

Client Sample ID: CS-6 @ 2.5'

Lab Sample ID: 890-2079-6
Matrix: Solid
Date Collected: 03/15/22 08:25
Date Received: 03/15/22 16:33
Sample Depth: 2

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		03/16/22 13:35	03/17/22 06:50	1
Toluene	<0.00198	U	0.00198		mg/Kg		03/16/22 13:35	03/17/22 06:50	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		03/16/22 13:35	03/17/22 06:50	1
m-Xylene & p-Xylene	<0.00397	U	0.00397		mg/Kg		03/16/22 13:35	03/17/22 06:50	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		03/16/22 13:35	03/17/22 06:50	1
Xylenes, Total	<0.00397	U	0.00397		mg/Kg		03/16/22 13:35	03/17/22 06:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*103*		*70 - 130*	*03/16/22 13:35*	*03/17/22 06:50*	*1*
1,4-Difluorobenzene (Surr)	*110*		*70 - 130*	*03/16/22 13:35*	*03/17/22 06:50*	*1*

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00397	U	0.00397		mg/Kg			03/17/22 12:10	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			03/17/22 08:43	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U *1	50.0		mg/Kg		03/16/22 13:49	03/16/22 23:40	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		03/16/22 13:49	03/16/22 23:40	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		03/16/22 13:49	03/16/22 23:40	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*117*		*70 - 130*	*03/16/22 13:49*	*03/16/22 23:40*	*1*
o-Terphenyl	*120*		*70 - 130*	*03/16/22 13:49*	*03/16/22 23:40*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**228**		4.99		mg/Kg			03/17/22 23:32	1

Client Sample ID: CS-7 @ 2.5'

Lab Sample ID: 890-2079-7
Matrix: Solid
Date Collected: 03/15/22 08:30
Date Received: 03/15/22 16:33
Sample Depth: 2.5

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		03/16/22 13:35	03/17/22 07:11	1
Toluene	<0.00199	U	0.00199		mg/Kg		03/16/22 13:35	03/17/22 07:11	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		03/16/22 13:35	03/17/22 07:11	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		03/16/22 13:35	03/17/22 07:11	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		03/16/22 13:35	03/17/22 07:11	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		03/16/22 13:35	03/17/22 07:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*103*		*70 - 130*	*03/16/22 13:35*	*03/17/22 07:11*	*1*

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Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: COP Milky way fee 002

Job ID: 890-2079-1
SDG: Carlsbad NM

Client Sample ID: CS-7 @ 2.5'

Lab Sample ID: 890-2079-7
Matrix: Solid
Date Collected: 03/15/22 08:30
Date Received: 03/15/22 16:33
Sample Depth: 2.5

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	*109*		*70 - 130*	*03/16/22 13:35*	*03/17/22 07:11*	*1*

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			03/17/22 12:10	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			03/17/22 08:43	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U *1	50.0		mg/Kg		03/16/22 13:49	03/17/22 00:01	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		03/16/22 13:49	03/17/22 00:01	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		03/16/22 13:49	03/17/22 00:01	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	*104*		*70 - 130*	*03/16/22 13:49*	*03/17/22 00:01*	*1*
o-Terphenyl	*106*		*70 - 130*	*03/16/22 13:49*	*03/17/22 00:01*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**88.7**		5.04		mg/Kg			03/17/22 23:43	1

Client Sample ID: CS-8 @ 2.5'

Lab Sample ID: 890-2079-8
Matrix: Solid
Date Collected: 03/15/22 08:35
Date Received: 03/15/22 16:33
Sample Depth: 2.5

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		03/16/22 13:35	03/17/22 07:31	1
Toluene	<0.00199	U	0.00199		mg/Kg		03/16/22 13:35	03/17/22 07:31	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		03/16/22 13:35	03/17/22 07:31	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		03/16/22 13:35	03/17/22 07:31	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		03/16/22 13:35	03/17/22 07:31	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		03/16/22 13:35	03/17/22 07:31	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	*104*		*70 - 130*	*03/16/22 13:35*	*03/17/22 07:31*	*1*
1,4-Difluorobenzene (Surr)	*109*		*70 - 130*	*03/16/22 13:35*	*03/17/22 07:31*	*1*

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			03/17/22 12:10	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			03/17/22 08:43	1

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: COP Milky way fee 002

Job ID: 890-2079-1
SDG: Carlsbad NM

Client Sample ID: CS-8 @ 2.5'

Lab Sample ID: 890-2079-8
Matrix: Solid
Date Collected: 03/15/22 08:35
Date Received: 03/15/22 16:33
Sample Depth: 2.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U *1	49.9		mg/Kg		03/16/22 13:49	03/17/22 00:20	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		03/16/22 13:49	03/17/22 00:20	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		03/16/22 13:49	03/17/22 00:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*104*		*70 - 130*	*03/16/22 13:49*	*03/17/22 00:20*	*1*
o-Terphenyl	*102*		*70 - 130*	*03/16/22 13:49*	*03/17/22 00:20*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**113**		4.97		mg/Kg			03/18/22 00:14	1

Client Sample ID: CS-SW-1 @ 1.75'

Lab Sample ID: 890-2079-9
Matrix: Solid
Date Collected: 03/15/22 08:40
Date Received: 03/15/22 16:33
Sample Depth: 2.5

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		03/16/22 13:35	03/17/22 07:51	1
Toluene	<0.00201	U	0.00201		mg/Kg		03/16/22 13:35	03/17/22 07:51	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		03/16/22 13:35	03/17/22 07:51	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		03/16/22 13:35	03/17/22 07:51	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		03/16/22 13:35	03/17/22 07:51	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		03/16/22 13:35	03/17/22 07:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*104*		*70 - 130*	*03/16/22 13:35*	*03/17/22 07:51*	*1*
1,4-Difluorobenzene (Surr)	*109*		*70 - 130*	*03/16/22 13:35*	*03/17/22 07:51*	*1*

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			03/17/22 12:10	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			03/17/22 08:43	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U *1	50.0		mg/Kg		03/16/22 13:49	03/17/22 00:40	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		03/16/22 13:49	03/17/22 00:40	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		03/16/22 13:49	03/17/22 00:40	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*111*		*70 - 130*	*03/16/22 13:49*	*03/17/22 00:40*	*1*
o-Terphenyl	*107*		*70 - 130*	*03/16/22 13:49*	*03/17/22 00:40*	*1*

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: COP Milky way fee 002

Job ID: 890-2079-1
SDG: Carlsbad NM

Client Sample ID: CS-SW-1 @ 1.75'

Lab Sample ID: 890-2079-9
Matrix: Solid
Date Collected: 03/15/22 08:40
Date Received: 03/15/22 16:33
Sample Depth: 2.5

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	82.8		4.98		mg/Kg			03/18/22 00:24	1

Client Sample ID: CS-SW-2 @ 1.75'

Lab Sample ID: 890-2079-10
Matrix: Solid
Date Collected: 03/15/22 08:45
Date Received: 03/15/22 16:33
Sample Depth: 1.75

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		03/16/22 13:35	03/17/22 08:12	1
Toluene	<0.00200	U	0.00200		mg/Kg		03/16/22 13:35	03/17/22 08:12	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		03/16/22 13:35	03/17/22 08:12	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		03/16/22 13:35	03/17/22 08:12	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		03/16/22 13:35	03/17/22 08:12	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		03/16/22 13:35	03/17/22 08:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*103*		*70 - 130*	*03/16/22 13:35*	*03/17/22 08:12*	*1*
1,4-Difluorobenzene (Surr)	*108*		*70 - 130*	*03/16/22 13:35*	*03/17/22 08:12*	*1*

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00400	U	0.00400		mg/Kg			03/17/22 12:10	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			03/17/22 08:43	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U *1	50.0		mg/Kg		03/16/22 13:49	03/17/22 01:01	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		03/16/22 13:49	03/17/22 01:01	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		03/16/22 13:49	03/17/22 01:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*106*		*70 - 130*	*03/16/22 13:49*	*03/17/22 01:01*	*1*
o-Terphenyl	*105*		*70 - 130*	*03/16/22 13:49*	*03/17/22 01:01*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	79.7		4.96		mg/Kg			03/18/22 00:35	1

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: COP Milky way fee 002

Job ID: 890-2079-1
SDG: Carlsbad NM

Client Sample ID: CS--3 @ 1.75'

Lab Sample ID: 890-2079-11
Matrix: Solid
Date Collected: 03/15/22 08:50
Date Received: 03/15/22 16:33
Sample Depth: 1.75

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		03/16/22 13:35	03/17/22 08:32	1
Toluene	<0.00199	U	0.00199		mg/Kg		03/16/22 13:35	03/17/22 08:32	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		03/16/22 13:35	03/17/22 08:32	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		03/16/22 13:35	03/17/22 08:32	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		03/16/22 13:35	03/17/22 08:32	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		03/16/22 13:35	03/17/22 08:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*103*		*70 - 130*	*03/16/22 13:35*	*03/17/22 08:32*	*1*
1,4-Difluorobenzene (Surr)	*108*		*70 - 130*	*03/16/22 13:35*	*03/17/22 08:32*	*1*

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			03/17/22 12:10	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			03/17/22 08:43	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U *1	50.0		mg/Kg		03/16/22 13:49	03/17/22 01:43	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		03/16/22 13:49	03/17/22 01:43	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		03/16/22 13:49	03/17/22 01:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*107*		*70 - 130*	*03/16/22 13:49*	*03/17/22 01:43*	*1*
o-Terphenyl	*106*		*70 - 130*	*03/16/22 13:49*	*03/17/22 01:43*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.01	U	5.01		mg/Kg			03/18/22 00:45	1

Client Sample ID: CS-SW-4 @ 3'

Lab Sample ID: 890-2079-12
Matrix: Solid
Date Collected: 03/15/22 14:00
Date Received: 03/15/22 16:33
Sample Depth: 3

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		03/16/22 13:35	03/17/22 08:53	1
Toluene	**0.00442**		0.00201		mg/Kg		03/16/22 13:35	03/17/22 08:53	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		03/16/22 13:35	03/17/22 08:53	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		03/16/22 13:35	03/17/22 08:53	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		03/16/22 13:35	03/17/22 08:53	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		03/16/22 13:35	03/17/22 08:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*107*		*70 - 130*	*03/16/22 13:35*	*03/17/22 08:53*	*1*

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Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: COP Milky way fee 002

Job ID: 890-2079-1
SDG: Carlsbad NM

Client Sample ID: CS-SW-4 @ 3'

Lab Sample ID: 890-2079-12
Matrix: Solid
Date Collected: 03/15/22 14:00
Date Received: 03/15/22 16:33
Sample Depth: 3

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	*111*		*70 - 130*	*03/16/22 13:35*	*03/17/22 08:53*	*1*

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	**0.00442**		0.00402		mg/Kg			03/17/22 12:10	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			03/17/22 08:43	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U *1	50.0		mg/Kg		03/16/22 13:49	03/17/22 02:03	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		03/16/22 13:49	03/17/22 02:03	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		03/16/22 13:49	03/17/22 02:03	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	*120*		*70 - 130*	*03/16/22 13:49*	*03/17/22 02:03*	*1*
o-Terphenyl	*124*		*70 - 130*	*03/16/22 13:49*	*03/17/22 02:03*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**12.0**		4.99		mg/Kg			03/18/22 00:55	1

Client Sample ID: CS-SW-4 @ 6'

Lab Sample ID: 890-2079-13
Matrix: Solid
Date Collected: 03/15/22 14:05
Date Received: 03/15/22 16:33
Sample Depth: 6

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		03/16/22 13:35	03/17/22 09:13	1
Toluene	**0.00224**		0.00200		mg/Kg		03/16/22 13:35	03/17/22 09:13	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		03/16/22 13:35	03/17/22 09:13	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		03/16/22 13:35	03/17/22 09:13	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		03/16/22 13:35	03/17/22 09:13	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		03/16/22 13:35	03/17/22 09:13	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	*110*		*70 - 130*	*03/16/22 13:35*	*03/17/22 09:13*	*1*
1,4-Difluorobenzene (Surr)	*101*		*70 - 130*	*03/16/22 13:35*	*03/17/22 09:13*	*1*

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			03/17/22 12:10	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			03/17/22 08:43	1

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Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: COP Milky way fee 002

Job ID: 890-2079-1
SDG: Carlsbad NM

Client Sample ID: CS-SW-4 @ 6'

Lab Sample ID: 890-2079-13
Matrix: Solid
Date Collected: 03/15/22 14:05
Date Received: 03/15/22 16:33
Sample Depth: 6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U *1	49.8		mg/Kg		03/16/22 13:49	03/17/22 02:23	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		03/16/22 13:49	03/17/22 02:23	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		03/16/22 13:49	03/17/22 02:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*103*		*70 - 130*	*03/16/22 13:49*	*03/17/22 02:23*	*1*
o-Terphenyl	*106*		*70 - 130*	*03/16/22 13:49*	*03/17/22 02:23*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**10.5**		4.98		mg/Kg			03/18/22 01:06	1

Client Sample ID: CS-9 @ 10'

Lab Sample ID: 890-2079-14
Matrix: Solid
Date Collected: 03/15/22 14:10
Date Received: 03/15/22 16:33
Sample Depth: 10

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	**0.00892**		0.00200		mg/Kg		03/16/22 13:35	03/17/22 09:34	1
Toluene	**0.0168**		0.00200		mg/Kg		03/16/22 13:35	03/17/22 09:34	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		03/16/22 13:35	03/17/22 09:34	1
m-Xylene & p-Xylene	**0.00416**		0.00401		mg/Kg		03/16/22 13:35	03/17/22 09:34	1
o-Xylene	**0.00214**		0.00200		mg/Kg		03/16/22 13:35	03/17/22 09:34	1
Xylenes, Total	**0.00630**		0.00401		mg/Kg		03/16/22 13:35	03/17/22 09:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*105*		*70 - 130*	*03/16/22 13:35*	*03/17/22 09:34*	*1*
1,4-Difluorobenzene (Surr)	*109*		*70 - 130*	*03/16/22 13:35*	*03/17/22 09:34*	*1*

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	**0.0320**		0.00401		mg/Kg			03/17/22 12:10	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			03/17/22 08:43	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U *1	49.9		mg/Kg		03/16/22 13:49	03/17/22 02:44	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		03/16/22 13:49	03/17/22 02:44	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		03/16/22 13:49	03/17/22 02:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*108*		*70 - 130*	*03/16/22 13:49*	*03/17/22 02:44*	*1*
o-Terphenyl	*110*		*70 - 130*	*03/16/22 13:49*	*03/17/22 02:44*	*1*

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: COP Milky way fee 002

Job ID: 890-2079-1
SDG: Carlsbad NM

Client Sample ID: CS-9 @ 10'

Lab Sample ID: 890-2079-14
Matrix: Solid
Date Collected: 03/15/22 14:10
Date Received: 03/15/22 16:33
Sample Depth: 10

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	10.4		5.05		mg/Kg			03/18/22 01:16	1

Client Sample ID: CS-10 @ 10'

Lab Sample ID: 890-2079-15
Matrix: Solid
Date Collected: 03/15/22 14:15
Date Received: 03/15/22 16:33
Sample Depth: 10

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.00550		0.00202		mg/Kg		03/16/22 13:35	03/17/22 09:55	1
Toluene	0.0109		0.00202		mg/Kg		03/16/22 13:35	03/17/22 09:55	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		03/16/22 13:35	03/17/22 09:55	1
m-Xylene & p-Xylene	<0.00403	U	0.00403		mg/Kg		03/16/22 13:35	03/17/22 09:55	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		03/16/22 13:35	03/17/22 09:55	1
Xylenes, Total	<0.00403	U	0.00403		mg/Kg		03/16/22 13:35	03/17/22 09:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*104*		*70 - 130*	*03/16/22 13:35*	*03/17/22 09:55*	*1*
1,4-Difluorobenzene (Surr)	*109*		*70 - 130*	*03/16/22 13:35*	*03/17/22 09:55*	*1*

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.0164		0.00403		mg/Kg			03/17/22 12:10	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			03/17/22 08:43	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U *1	50.0		mg/Kg		03/16/22 13:49	03/17/22 03:05	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		03/16/22 13:49	03/17/22 03:05	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		03/16/22 13:49	03/17/22 03:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*104*		*70 - 130*	*03/16/22 13:49*	*03/17/22 03:05*	*1*
o-Terphenyl	*106*		*70 - 130*	*03/16/22 13:49*	*03/17/22 03:05*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	13.7		5.04		mg/Kg			03/18/22 17:35	1

Surrogate Summary

Client: TRC Solutions, Inc.
Project/Site: COP Milky way fee 002

Job ID: 890-2079-1
SDG: Carlsbad 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)										
880-12319-A-1-B MS	Matrix Spike	106	114										
880-12319-A-1-C MSD	Matrix Spike Duplicate	104	112										
890-2079-1	CS-1 @ 3.5'	102	109										
890-2079-2	CS-2 @ 3.5'	103	109										
890-2079-3	CS-3 @ 2'	106	109										
890-2079-4	CS-4 @ 2'	106	110										
890-2079-5	CS-5 @ 2'	100	107										
890-2079-6	CS-6 @ 2.5'	103	110										
890-2079-7	CS-7 @ 2.5'	103	109										
890-2079-8	CS-8 @ 2.5'	104	109										
890-2079-9	CS-SW-1 @ 1.75'	104	109										
890-2079-10	CS-SW-2 @ 1.75'	103	108										
890-2079-11	CS--3 @ 1.75'	103	108										
890-2079-12	CS-SW-4 @ 3'	107	111										
890-2079-13	CS-SW-4 @ 6'	110	101										
890-2079-14	CS-9 @ 10'	105	109										
890-2079-15	CS-10 @ 10'	104	109										
LCS 880-21701/1-A	Lab Control Sample	101	112										
LCSD 880-21701/2-A	Lab Control Sample Dup	102	111										
MB 880-21696/5-A	Method Blank	101	104										
MB 880-21701/5-A	Method Blank	101	104										

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)										
890-2079-1	CS-1 @ 3.5'	108	110										
890-2079-1 MS	CS-1 @ 3.5'	99	91										
890-2079-1 MSD	CS-1 @ 3.5'	100	91										
890-2079-2	CS-2 @ 3.5'	104	104										
890-2079-3	CS-3 @ 2'	104	104										
890-2079-4	CS-4 @ 2'	103	103										
890-2079-5	CS-5 @ 2'	101	102										
890-2079-6	CS-6 @ 2.5'	117	120										
890-2079-7	CS-7 @ 2.5'	104	106										
890-2079-8	CS-8 @ 2.5'	104	102										
890-2079-9	CS-SW-1 @ 1.75'	111	107										
890-2079-10	CS-SW-2 @ 1.75'	106	105										
890-2079-11	CS--3 @ 1.75'	107	106										
890-2079-12	CS-SW-4 @ 3'	120	124										
890-2079-13	CS-SW-4 @ 6'	103	106										
890-2079-14	CS-9 @ 10'	108	110										
890-2079-15	CS-10 @ 10'	104	106										
LCS 880-21740/2-A	Lab Control Sample	116	118										

Surrogate Summary

Client: TRC Solutions, Inc. Job ID: 890-2079-1
Project/Site: COP Milky way fee 002 SDG: Carlsbad NM

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

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)									
		1CO1	OTPH1								
Lab Sample ID	Client Sample ID	(70-130)	(70-130)								
LCSD 880-21740/3-A	Lab Control Sample Dup	117	127								
MB 880-21740/1-A	Method Blank	121	127								

Surrogate Legend

1CO = 1-Chlorooctane

OTPH = o-Terphenyl

QC Sample Results

Client: TRC Solutions, Inc.
Project/Site: COP Milky way fee 002

Job ID: 890-2079-1
SDG: Carlsbad NM

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-21696/5-A
Matrix: Solid
Analysis Batch: 21704

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 21696

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		03/16/22 09:01	03/16/22 15:09	1
Toluene	<0.00200	U	0.00200		mg/Kg		03/16/22 09:01	03/16/22 15:09	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		03/16/22 09:01	03/16/22 15:09	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		03/16/22 09:01	03/16/22 15:09	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		03/16/22 09:01	03/16/22 15:09	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		03/16/22 09:01	03/16/22 15:09	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*101*		*70 - 130*	*03/16/22 09:01*	*03/16/22 15:09*	*1*
1,4-Difluorobenzene (Surr)	*104*		*70 - 130*	*03/16/22 09:01*	*03/16/22 15:09*	*1*

Lab Sample ID: MB 880-21701/5-A
Matrix: Solid
Analysis Batch: 21704

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 21701

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		03/16/22 13:35	03/17/22 02:03	1
Toluene	<0.00200	U	0.00200		mg/Kg		03/16/22 13:35	03/17/22 02:03	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		03/16/22 13:35	03/17/22 02:03	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		03/16/22 13:35	03/17/22 02:03	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		03/16/22 13:35	03/17/22 02:03	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		03/16/22 13:35	03/17/22 02:03	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*101*		*70 - 130*	*03/16/22 13:35*	*03/17/22 02:03*	*1*
1,4-Difluorobenzene (Surr)	*104*		*70 - 130*	*03/16/22 13:35*	*03/17/22 02:03*	*1*

Lab Sample ID: LCS 880-21701/1-A
Matrix: Solid
Analysis Batch: 21704

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 21701

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	0.100	0.1056		mg/Kg		106	70 - 130
Toluene	0.100	0.1031		mg/Kg		103	70 - 130
Ethylbenzene	0.100	0.1019		mg/Kg		102	70 - 130
m-Xylene & p-Xylene	0.200	0.2103		mg/Kg		105	70 - 130
o-Xylene	0.100	0.1067		mg/Kg		107	70 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*101*		*70 - 130*
1,4-Difluorobenzene (Surr)	*112*		*70 - 130*

Lab Sample ID: LCSD 880-21701/2-A
Matrix: Solid
Analysis Batch: 21704

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 21701

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	0.100	0.1001		mg/Kg		100	70 - 130	5	35

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QC Sample Results

Client: TRC Solutions, Inc.
Project/Site: COP Milky way fee 002

Job ID: 890-2079-1
SDG: Carlsbad NM

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

Lab Sample ID: LCSD 880-21701/2-A
Matrix: Solid
Analysis Batch: 21704

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 21701

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Toluene			0.100	0.09798		mg/Kg		98	70 - 130	5	35
Ethylbenzene			0.100	0.09746		mg/Kg		97	70 - 130	4	35
m-Xylene & p-Xylene			0.200	0.2018		mg/Kg		101	70 - 130	4	35
o-Xylene			0.100	0.1012		mg/Kg		101	70 - 130	5	35

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*102*		*70 - 130*
1,4-Difluorobenzene (Surr)	*111*		*70 - 130*

Lab Sample ID: 880-12319-A-1-B MS
Matrix: Solid
Analysis Batch: 21704

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 21701

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	<0.00201	U F1	0.0996	0.06450	F1	mg/Kg		65	70 - 130
Toluene	<0.00201	U F1	0.0996	0.05326	F1	mg/Kg		53	70 - 130
Ethylbenzene	<0.00201	U F1	0.0996	0.04538	F1	mg/Kg		46	70 - 130
m-Xylene & p-Xylene	<0.00402	U F1	0.199	0.09150	F1	mg/Kg		46	70 - 130
o-Xylene	<0.00201	U F1	0.0996	0.04469	F1	mg/Kg		45	70 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*106*		*70 - 130*
1,4-Difluorobenzene (Surr)	*114*		*70 - 130*

Lab Sample ID: 880-12319-A-1-C MSD
Matrix: Solid
Analysis Batch: 21704

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 21701

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	<0.00201	U F1	0.100	0.06839	F1	mg/Kg		68	70 - 130	6	35
Toluene	<0.00201	U F1	0.100	0.05523	F1	mg/Kg		55	70 - 130	4	35
Ethylbenzene	<0.00201	U F1	0.100	0.04626	F1	mg/Kg		46	70 - 130	2	35
m-Xylene & p-Xylene	<0.00402	U F1	0.200	0.09275	F1	mg/Kg		46	70 - 130	1	35
o-Xylene	<0.00201	U F1	0.100	0.04528	F1	mg/Kg		45	70 - 130	1	35

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 880-21740/1-A
Matrix: Solid
Analysis Batch: 21675

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 21740

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		03/16/22 13:49	03/16/22 20:17	1

Eurofins Carlsbad

QC Sample Results

Client: TRC Solutions, Inc.
Project/Site: COP Milky way fee 002

Job ID: 890-2079-1
SDG: Carlsbad NM

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

Lab Sample ID: MB 880-21740/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 21675 — **Prep Batch: 21740**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		03/16/22 13:49	03/16/22 20:17	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		03/16/22 13:49	03/16/22 20:17	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*121*		*70 - 130*	*03/16/22 13:49*	*03/16/22 20:17*	*1*
o-Terphenyl	*127*		*70 - 130*	*03/16/22 13:49*	*03/16/22 20:17*	*1*

Lab Sample ID: LCS 880-21740/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 21675 — **Prep Batch: 21740**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Gasoline Range Organics (GRO)-C6-C10	1000	1193		mg/Kg		119	70 - 130
Diesel Range Organics (Over C10-C28)	1000	1096		mg/Kg		110	70 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1-Chlorooctane	*116*		*70 - 130*
o-Terphenyl	*118*		*70 - 130*

Lab Sample ID: LCSD 880-21740/3-A — **Client Sample ID: Lab Control Sample Dup**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 21675 — **Prep Batch: 21740**

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	853.8	*1	mg/Kg		85	70 - 130	33	20
Diesel Range Organics (Over C10-C28)	1000	1210		mg/Kg		121	70 - 130	10	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1-Chlorooctane	*117*		*70 - 130*
o-Terphenyl	*127*		*70 - 130*

Lab Sample ID: 890-2079-1 MS — **Client Sample ID: CS-1 @ 3.5'**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 21675 — **Prep Batch: 21740**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Gasoline Range Organics (GRO)-C6-C10	<49.8	U *1	998	1036		mg/Kg		102	70 - 130
Diesel Range Organics (Over C10-C28)	<49.8	U	998	934.4		mg/Kg		92	70 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1-Chlorooctane	*99*		*70 - 130*
o-Terphenyl	*91*		*70 - 130*

QC Sample Results

Client: TRC Solutions, Inc.
Project/Site: COP Milky way fee 002

Job ID: 890-2079-1
SDG: Carlsbad NM

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

Lab Sample ID: 890-2079-1 MSD — **Client Sample ID: CS-1 @ 3.5'**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 21675 — **Prep Batch: 21740**

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	<49.8	U *1	999	1069		mg/Kg		105	70 - 130	3	20
Diesel Range Organics (Over C10-C28)	<49.8	U	999	943.3		mg/Kg		93	70 - 130	1	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1-Chlorooctane	*100*		*70 - 130*
o-Terphenyl	*91*		*70 - 130*

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-21723/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 21814

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00		mg/Kg			03/17/22 13:07	1

Lab Sample ID: LCS 880-21723/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 21814

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	250	266.2		mg/Kg		106	90 - 110

Lab Sample ID: LCSD 880-21723/3-A — **Client Sample ID: Lab Control Sample Dup**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 21814

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	250	264.6		mg/Kg		106	90 - 110	1	20

Lab Sample ID: 890-2079-5 MS — **Client Sample ID: CS-5 @ 2'**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 21814

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	232		250	477.9		mg/Kg		98	90 - 110

Lab Sample ID: 890-2079-5 MSD — **Client Sample ID: CS-5 @ 2'**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 21814

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	232		250	476.5		mg/Kg		98	90 - 110	0	20

QC Sample Results

Client: TRC Solutions, Inc.
Project/Site: COP Milky way fee 002

Job ID: 890-2079-1
SDG: Carlsbad NM

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: MB 880-21802/1-A
Matrix: Solid
Analysis Batch: 21929

Client Sample ID: Method Blank
Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00		mg/Kg			03/18/22 17:04	1

Lab Sample ID: LCS 880-21802/2-A
Matrix: Solid
Analysis Batch: 21929

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Chloride			250	262.5		mg/Kg		105	90 - 110		

Lab Sample ID: LCSD 880-21802/3-A
Matrix: Solid
Analysis Batch: 21929

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	264.8		mg/Kg		106	90 - 110	1	20

Lab Sample ID: 890-2079-15 MS
Matrix: Solid
Analysis Batch: 21929

Client Sample ID: CS-10 @ 10'
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
Chloride	13.7		252	271.5		mg/Kg		102	90 - 110		

Lab Sample ID: 890-2079-15 MSD
Matrix: Solid
Analysis Batch: 21929

Client Sample ID: CS-10 @ 10'
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	13.7		252	273.3		mg/Kg		103	90 - 110	1	20

QC Association Summary

Client: TRC Solutions, Inc.
Project/Site: COP Milky way fee 002

Job ID: 890-2079-1
SDG: Carlsbad NM

GC VOA

Prep Batch: 21696

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-21696/5-A	Method Blank	Total/NA	Solid	5035	

Prep Batch: 21701

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2079-1	CS-1 @ 3.5'	Total/NA	Solid	5035	
890-2079-2	CS-2 @ 3.5'	Total/NA	Solid	5035	
890-2079-3	CS-3 @ 2'	Total/NA	Solid	5035	
890-2079-4	CS-4 @ 2'	Total/NA	Solid	5035	
890-2079-5	CS-5 @ 2'	Total/NA	Solid	5035	
890-2079-6	CS-6 @ 2.5'	Total/NA	Solid	5035	
890-2079-7	CS-7 @ 2.5'	Total/NA	Solid	5035	
890-2079-8	CS-8 @ 2.5'	Total/NA	Solid	5035	
890-2079-9	CS-SW-1 @ 1.75'	Total/NA	Solid	5035	
890-2079-10	CS-SW-2 @ 1.75'	Total/NA	Solid	5035	
890-2079-11	CS--3 @ 1.75'	Total/NA	Solid	5035	
890-2079-12	CS-SW-4 @ 3'	Total/NA	Solid	5035	
890-2079-13	CS-SW-4 @ 6'	Total/NA	Solid	5035	
890-2079-14	CS-9 @ 10'	Total/NA	Solid	5035	
890-2079-15	CS-10 @ 10'	Total/NA	Solid	5035	
MB 880-21701/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-21701/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-21701/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-12319-A-1-B MS	Matrix Spike	Total/NA	Solid	5035	
880-12319-A-1-C MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Analysis Batch: 21704

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2079-1	CS-1 @ 3.5'	Total/NA	Solid	8021B	21701
890-2079-2	CS-2 @ 3.5'	Total/NA	Solid	8021B	21701
890-2079-3	CS-3 @ 2'	Total/NA	Solid	8021B	21701
890-2079-4	CS-4 @ 2'	Total/NA	Solid	8021B	21701
890-2079-5	CS-5 @ 2'	Total/NA	Solid	8021B	21701
890-2079-6	CS-6 @ 2.5'	Total/NA	Solid	8021B	21701
890-2079-7	CS-7 @ 2.5'	Total/NA	Solid	8021B	21701
890-2079-8	CS-8 @ 2.5'	Total/NA	Solid	8021B	21701
890-2079-9	CS-SW-1 @ 1.75'	Total/NA	Solid	8021B	21701
890-2079-10	CS-SW-2 @ 1.75'	Total/NA	Solid	8021B	21701
890-2079-11	CS--3 @ 1.75'	Total/NA	Solid	8021B	21701
890-2079-12	CS-SW-4 @ 3'	Total/NA	Solid	8021B	21701
890-2079-13	CS-SW-4 @ 6'	Total/NA	Solid	8021B	21701
890-2079-14	CS-9 @ 10'	Total/NA	Solid	8021B	21701
890-2079-15	CS-10 @ 10'	Total/NA	Solid	8021B	21701
MB 880-21696/5-A	Method Blank	Total/NA	Solid	8021B	21696
MB 880-21701/5-A	Method Blank	Total/NA	Solid	8021B	21701
LCS 880-21701/1-A	Lab Control Sample	Total/NA	Solid	8021B	21701
LCSD 880-21701/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	21701
880-12319-A-1-B MS	Matrix Spike	Total/NA	Solid	8021B	21701
880-12319-A-1-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	21701

QC Association Summary

Client: TRC Solutions, Inc.
Project/Site: COP Milky way fee 002

Job ID: 890-2079-1
SDG: Carlsbad NM

GC VOA

Analysis Batch: 21813

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2079-1	CS-1 @ 3.5'	Total/NA	Solid	Total BTEX	
890-2079-2	CS-2 @ 3.5'	Total/NA	Solid	Total BTEX	
890-2079-3	CS-3 @ 2'	Total/NA	Solid	Total BTEX	
890-2079-4	CS-4 @ 2'	Total/NA	Solid	Total BTEX	
890-2079-5	CS-5 @ 2'	Total/NA	Solid	Total BTEX	
890-2079-6	CS-6 @ 2.5'	Total/NA	Solid	Total BTEX	
890-2079-7	CS-7 @ 2.5'	Total/NA	Solid	Total BTEX	
890-2079-8	CS-8 @ 2.5'	Total/NA	Solid	Total BTEX	
890-2079-9	CS-SW-1 @ 1.75'	Total/NA	Solid	Total BTEX	
890-2079-10	CS-SW-2 @ 1.75'	Total/NA	Solid	Total BTEX	
890-2079-11	CS--3 @ 1.75'	Total/NA	Solid	Total BTEX	
890-2079-12	CS-SW-4 @ 3'	Total/NA	Solid	Total BTEX	
890-2079-13	CS-SW-4 @ 6'	Total/NA	Solid	Total BTEX	
890-2079-14	CS-9 @ 10'	Total/NA	Solid	Total BTEX	
890-2079-15	CS-10 @ 10'	Total/NA	Solid	Total BTEX	

GC Semi VOA

Analysis Batch: 21675

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2079-1	CS-1 @ 3.5'	Total/NA	Solid	8015B NM	21740
890-2079-2	CS-2 @ 3.5'	Total/NA	Solid	8015B NM	21740
890-2079-3	CS-3 @ 2'	Total/NA	Solid	8015B NM	21740
890-2079-4	CS-4 @ 2'	Total/NA	Solid	8015B NM	21740
890-2079-5	CS-5 @ 2'	Total/NA	Solid	8015B NM	21740
890-2079-6	CS-6 @ 2.5'	Total/NA	Solid	8015B NM	21740
890-2079-7	CS-7 @ 2.5'	Total/NA	Solid	8015B NM	21740
890-2079-8	CS-8 @ 2.5'	Total/NA	Solid	8015B NM	21740
890-2079-9	CS-SW-1 @ 1.75'	Total/NA	Solid	8015B NM	21740
890-2079-10	CS-SW-2 @ 1.75'	Total/NA	Solid	8015B NM	21740
890-2079-11	CS--3 @ 1.75'	Total/NA	Solid	8015B NM	21740
890-2079-12	CS-SW-4 @ 3'	Total/NA	Solid	8015B NM	21740
890-2079-13	CS-SW-4 @ 6'	Total/NA	Solid	8015B NM	21740
890-2079-14	CS-9 @ 10'	Total/NA	Solid	8015B NM	21740
890-2079-15	CS-10 @ 10'	Total/NA	Solid	8015B NM	21740
MB 880-21740/1-A	Method Blank	Total/NA	Solid	8015B NM	21740
LCS 880-21740/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	21740
LCSD 880-21740/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	21740
890-2079-1 MS	CS-1 @ 3.5'	Total/NA	Solid	8015B NM	21740
890-2079-1 MSD	CS-1 @ 3.5'	Total/NA	Solid	8015B NM	21740

Prep Batch: 21740

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2079-1	CS-1 @ 3.5'	Total/NA	Solid	8015NM Prep	
890-2079-2	CS-2 @ 3.5'	Total/NA	Solid	8015NM Prep	
890-2079-3	CS-3 @ 2'	Total/NA	Solid	8015NM Prep	
890-2079-4	CS-4 @ 2'	Total/NA	Solid	8015NM Prep	
890-2079-5	CS-5 @ 2'	Total/NA	Solid	8015NM Prep	
890-2079-6	CS-6 @ 2.5'	Total/NA	Solid	8015NM Prep	
890-2079-7	CS-7 @ 2.5'	Total/NA	Solid	8015NM Prep	
890-2079-8	CS-8 @ 2.5'	Total/NA	Solid	8015NM Prep	

QC Association Summary

Client: TRC Solutions, Inc.
Project/Site: COP Milky way fee 002

Job ID: 890-2079-1
SDG: Carlsbad NM

GC Semi VOA (Continued)

Prep Batch: 21740 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2079-9	CS-SW-1 @ 1.75'	Total/NA	Solid	8015NM Prep	
890-2079-10	CS-SW-2 @ 1.75'	Total/NA	Solid	8015NM Prep	
890-2079-11	CS--3 @ 1.75'	Total/NA	Solid	8015NM Prep	
890-2079-12	CS-SW-4 @ 3'	Total/NA	Solid	8015NM Prep	
890-2079-13	CS-SW-4 @ 6'	Total/NA	Solid	8015NM Prep	
890-2079-14	CS-9 @ 10'	Total/NA	Solid	8015NM Prep	
890-2079-15	CS-10 @ 10'	Total/NA	Solid	8015NM Prep	
MB 880-21740/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-21740/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-21740/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-2079-1 MS	CS-1 @ 3.5'	Total/NA	Solid	8015NM Prep	
890-2079-1 MSD	CS-1 @ 3.5'	Total/NA	Solid	8015NM Prep	

Analysis Batch: 21764

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2079-1	CS-1 @ 3.5'	Total/NA	Solid	8015 NM	
890-2079-2	CS-2 @ 3.5'	Total/NA	Solid	8015 NM	
890-2079-3	CS-3 @ 2'	Total/NA	Solid	8015 NM	
890-2079-4	CS-4 @ 2'	Total/NA	Solid	8015 NM	
890-2079-5	CS-5 @ 2'	Total/NA	Solid	8015 NM	
890-2079-6	CS-6 @ 2.5'	Total/NA	Solid	8015 NM	
890-2079-7	CS-7 @ 2.5'	Total/NA	Solid	8015 NM	
890-2079-8	CS-8 @ 2.5'	Total/NA	Solid	8015 NM	
890-2079-9	CS-SW-1 @ 1.75'	Total/NA	Solid	8015 NM	
890-2079-10	CS-SW-2 @ 1.75'	Total/NA	Solid	8015 NM	
890-2079-11	CS--3 @ 1.75'	Total/NA	Solid	8015 NM	
890-2079-12	CS-SW-4 @ 3'	Total/NA	Solid	8015 NM	
890-2079-13	CS-SW-4 @ 6'	Total/NA	Solid	8015 NM	
890-2079-14	CS-9 @ 10'	Total/NA	Solid	8015 NM	
890-2079-15	CS-10 @ 10'	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 21723

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2079-1	CS-1 @ 3.5'	Soluble	Solid	DI Leach	
890-2079-2	CS-2 @ 3.5'	Soluble	Solid	DI Leach	
890-2079-3	CS-3 @ 2'	Soluble	Solid	DI Leach	
890-2079-4	CS-4 @ 2'	Soluble	Solid	DI Leach	
890-2079-5	CS-5 @ 2'	Soluble	Solid	DI Leach	
890-2079-6	CS-6 @ 2.5'	Soluble	Solid	DI Leach	
890-2079-7	CS-7 @ 2.5'	Soluble	Solid	DI Leach	
890-2079-8	CS-8 @ 2.5'	Soluble	Solid	DI Leach	
890-2079-9	CS-SW-1 @ 1.75'	Soluble	Solid	DI Leach	
890-2079-10	CS-SW-2 @ 1.75'	Soluble	Solid	DI Leach	
890-2079-11	CS--3 @ 1.75'	Soluble	Solid	DI Leach	
890-2079-12	CS-SW-4 @ 3'	Soluble	Solid	DI Leach	
890-2079-13	CS-SW-4 @ 6'	Soluble	Solid	DI Leach	
890-2079-14	CS-9 @ 10'	Soluble	Solid	DI Leach	
MB 880-21723/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-21723/2-A	Lab Control Sample	Soluble	Solid	DI Leach	

QC Association Summary

Client: TRC Solutions, Inc.
Project/Site: COP Milky way fee 002

Job ID: 890-2079-1
SDG: Carlsbad NM

HPLC/IC (Continued)

Leach Batch: 21723 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCSD 880-21723/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
890-2079-5 MS	CS-5 @ 2'	Soluble	Solid	DI Leach	
890-2079-5 MSD	CS-5 @ 2'	Soluble	Solid	DI Leach	

Leach Batch: 21802

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2079-15	CS-10 @ 10'	Soluble	Solid	DI Leach	
MB 880-21802/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-21802/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-21802/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
890-2079-15 MS	CS-10 @ 10'	Soluble	Solid	DI Leach	
890-2079-15 MSD	CS-10 @ 10'	Soluble	Solid	DI Leach	

Analysis Batch: 21814

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2079-1	CS-1 @ 3.5'	Soluble	Solid	300.0	21723
890-2079-2	CS-2 @ 3.5'	Soluble	Solid	300.0	21723
890-2079-3	CS-3 @ 2'	Soluble	Solid	300.0	21723
890-2079-4	CS-4 @ 2'	Soluble	Solid	300.0	21723
890-2079-5	CS-5 @ 2'	Soluble	Solid	300.0	21723
890-2079-6	CS-6 @ 2.5'	Soluble	Solid	300.0	21723
890-2079-7	CS-7 @ 2.5'	Soluble	Solid	300.0	21723
890-2079-8	CS-8 @ 2.5'	Soluble	Solid	300.0	21723
890-2079-9	CS-SW-1 @ 1.75'	Soluble	Solid	300.0	21723
890-2079-10	CS-SW-2 @ 1.75'	Soluble	Solid	300.0	21723
890-2079-11	CS--3 @ 1.75'	Soluble	Solid	300.0	21723
890-2079-12	CS-SW-4 @ 3'	Soluble	Solid	300.0	21723
890-2079-13	CS-SW-4 @ 6'	Soluble	Solid	300.0	21723
890-2079-14	CS-9 @ 10'	Soluble	Solid	300.0	21723
MB 880-21723/1-A	Method Blank	Soluble	Solid	300.0	21723
LCS 880-21723/2-A	Lab Control Sample	Soluble	Solid	300.0	21723
LCSD 880-21723/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	21723
890-2079-5 MS	CS-5 @ 2'	Soluble	Solid	300.0	21723
890-2079-5 MSD	CS-5 @ 2'	Soluble	Solid	300.0	21723

Analysis Batch: 21929

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2079-15	CS-10 @ 10'	Soluble	Solid	300.0	21802
MB 880-21802/1-A	Method Blank	Soluble	Solid	300.0	21802
LCS 880-21802/2-A	Lab Control Sample	Soluble	Solid	300.0	21802
LCSD 880-21802/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	21802
890-2079-15 MS	CS-10 @ 10'	Soluble	Solid	300.0	21802
890-2079-15 MSD	CS-10 @ 10'	Soluble	Solid	300.0	21802

Lab Chronicle

Client: TRC Solutions, Inc.
Project/Site: COP Milky way fee 002

Job ID: 890-2079-1
SDG: Carlsbad NM

Client Sample ID: CS-1 @ 3.5'

Date Collected: 03/15/22 08:00
Date Received: 03/15/22 16:33

Lab Sample ID: 890-2079-1
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			5.03 g	5 mL	21701	03/16/22 13:35	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	21704	03/17/22 04:06	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			21813	03/17/22 12:10	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			21764	03/17/22 08:43	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	21740	03/16/22 13:49	DM	XEN MID
Total/NA	Analysis	8015B NM		1			21675	03/16/22 21:18	AJ	XEN MID
Soluble	Leach	DI Leach			5.01 g	50 mL	21723	03/17/22 10:49	CH	XEN MID
Soluble	Analysis	300.0		1			21814	03/17/22 22:20	SC	XEN MID

Client Sample ID: CS-2 @ 3.5'

Date Collected: 03/15/22 08:05
Date Received: 03/15/22 16:33

Lab Sample ID: 890-2079-2
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			4.98 g	5 mL	21701	03/16/22 13:35	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	21704	03/17/22 04:27	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			21813	03/17/22 12:10	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			21764	03/17/22 08:43	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	21740	03/16/22 13:49	DM	XEN MID
Total/NA	Analysis	8015B NM		1			21675	03/16/22 22:20	AJ	XEN MID
Soluble	Leach	DI Leach			5.02 g	50 mL	21723	03/17/22 10:49	CH	XEN MID
Soluble	Analysis	300.0		1			21814	03/17/22 22:30	SC	XEN MID

Client Sample ID: CS-3 @ 2'

Date Collected: 03/15/22 08:10
Date Received: 03/15/22 16:33

Lab Sample ID: 890-2079-3
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			4.99 g	5 mL	21701	03/16/22 13:35	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	21704	03/17/22 04:47	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			21813	03/17/22 12:10	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			21764	03/17/22 08:43	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	21740	03/16/22 13:49	DM	XEN MID
Total/NA	Analysis	8015B NM		1			21675	03/16/22 22:40	AJ	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	21723	03/17/22 10:49	CH	XEN MID
Soluble	Analysis	300.0		1			21814	03/17/22 22:41	SC	XEN MID

Client Sample ID: CS-4 @ 2'

Date Collected: 03/15/22 08:15
Date Received: 03/15/22 16:33

Lab Sample ID: 890-2079-4
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	21701	03/16/22 13:35	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	21704	03/17/22 05:08	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			21813	03/17/22 12:10	AJ	XEN MID

Lab Chronicle

Client: TRC Solutions, Inc.
Project/Site: COP Milky way fee 002

Job ID: 890-2079-1
SDG: Carlsbad NM

Client Sample ID: CS-4 @ 2'

Date Collected: 03/15/22 08:15
Date Received: 03/15/22 16:33

Lab Sample ID: 890-2079-4

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			21764	03/17/22 08:43	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	21740	03/16/22 13:49	DM	XEN MID
Total/NA	Analysis	8015B NM		1			21675	03/16/22 23:00	AJ	XEN MID
Soluble	Leach	DI Leach			4.95 g	50 mL	21723	03/17/22 10:49	CH	XEN MID
Soluble	Analysis	300.0		1			21814	03/17/22 22:51	SC	XEN MID

Client Sample ID: CS-5 @ 2'

Date Collected: 03/15/22 08:20
Date Received: 03/15/22 16:33

Lab Sample ID: 890-2079-5

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			5.00 g	5 mL	21701	03/16/22 13:35	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	21704	03/17/22 05:28	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			21813	03/17/22 12:10	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			21764	03/17/22 08:43	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	21740	03/16/22 13:49	DM	XEN MID
Total/NA	Analysis	8015B NM		1			21675	03/16/22 23:20	AJ	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	21723	03/17/22 10:49	CH	XEN MID
Soluble	Analysis	300.0		1			21814	03/17/22 23:01	SC	XEN MID

Client Sample ID: CS-6 @ 2.5'

Date Collected: 03/15/22 08:25
Date Received: 03/15/22 16:33

Lab Sample ID: 890-2079-6

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			5.04 g	5 mL	21701	03/16/22 13:35	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	21704	03/17/22 06:50	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			21813	03/17/22 12:10	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			21764	03/17/22 08:43	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	21740	03/16/22 13:49	DM	XEN MID
Total/NA	Analysis	8015B NM		1			21675	03/16/22 23:40	AJ	XEN MID
Soluble	Leach	DI Leach			5.01 g	50 mL	21723	03/17/22 10:49	CH	XEN MID
Soluble	Analysis	300.0		1			21814	03/17/22 23:32	SC	XEN MID

Client Sample ID: CS-7 @ 2.5'

Date Collected: 03/15/22 08:30
Date Received: 03/15/22 16:33

Lab Sample ID: 890-2079-7

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			5.02 g	5 mL	21701	03/16/22 13:35	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	21704	03/17/22 07:11	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			21813	03/17/22 12:10	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			21764	03/17/22 08:43	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	21740	03/16/22 13:49	DM	XEN MID
Total/NA	Analysis	8015B NM		1			21675	03/17/22 00:01	AJ	XEN MID

Eurofins Carlsbad

Lab Chronicle

Client: TRC Solutions, Inc.
Project/Site: COP Milky way fee 002

Job ID: 890-2079-1
SDG: Carlsbad NM

Client Sample ID: CS-7 @ 2.5'

Lab Sample ID: 890-2079-7
Matrix: Solid
Date Collected: 03/15/22 08:30
Date Received: 03/15/22 16:33

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	21723	03/17/22 10:49	CH	XEN MID
Soluble	Analysis	300.0		1			21814	03/17/22 23:43	SC	XEN MID

Client Sample ID: CS-8 @ 2.5'

Lab Sample ID: 890-2079-8
Matrix: Solid
Date Collected: 03/15/22 08:35
Date Received: 03/15/22 16:33

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	21701	03/16/22 13:35	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	21704	03/17/22 07:31	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			21813	03/17/22 12:10	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			21764	03/17/22 08:43	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	21740	03/16/22 13:49	DM	XEN MID
Total/NA	Analysis	8015B NM		1			21675	03/17/22 00:20	AJ	XEN MID
Soluble	Leach	DI Leach			5.03 g	50 mL	21723	03/17/22 10:49	CH	XEN MID
Soluble	Analysis	300.0		1			21814	03/18/22 00:14	SC	XEN MID

Client Sample ID: CS-SW-1 @ 1.75'

Lab Sample ID: 890-2079-9
Matrix: Solid
Date Collected: 03/15/22 08:40
Date Received: 03/15/22 16:33

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	21701	03/16/22 13:35	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	21704	03/17/22 07:51	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			21813	03/17/22 12:10	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			21764	03/17/22 08:43	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	21740	03/16/22 13:49	DM	XEN MID
Total/NA	Analysis	8015B NM		1			21675	03/17/22 00:40	AJ	XEN MID
Soluble	Leach	DI Leach			5.02 g	50 mL	21723	03/17/22 10:49	CH	XEN MID
Soluble	Analysis	300.0		1			21814	03/18/22 00:24	SC	XEN MID

Client Sample ID: CS-SW-2 @ 1.75'

Lab Sample ID: 890-2079-10
Matrix: Solid
Date Collected: 03/15/22 08:45
Date Received: 03/15/22 16:33

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	21701	03/16/22 13:35	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	21704	03/17/22 08:12	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			21813	03/17/22 12:10	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			21764	03/17/22 08:43	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	21740	03/16/22 13:49	DM	XEN MID
Total/NA	Analysis	8015B NM		1			21675	03/17/22 01:01	AJ	XEN MID
Soluble	Leach	DI Leach			5.04 g	50 mL	21723	03/17/22 10:49	CH	XEN MID
Soluble	Analysis	300.0		1			21814	03/18/22 00:35	SC	XEN MID

Lab Chronicle

Client: TRC Solutions, Inc.
Project/Site: COP Milky way fee 002

Job ID: 890-2079-1
SDG: Carlsbad NM

Client Sample ID: CS--3 @ 1.75'

Lab Sample ID: 890-2079-11
Matrix: Solid
Date Collected: 03/15/22 08:50
Date Received: 03/15/22 16:33

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	21701	03/16/22 13:35	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	21704	03/17/22 08:32	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			21813	03/17/22 12:10	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			21764	03/17/22 08:43	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	21740	03/16/22 13:49	DM	XEN MID
Total/NA	Analysis	8015B NM		1			21675	03/17/22 01:43	AJ	XEN MID
Soluble	Leach	DI Leach			4.99 g	50 mL	21723	03/17/22 10:49	CH	XEN MID
Soluble	Analysis	300.0		1			21814	03/18/22 00:45	SC	XEN MID

Client Sample ID: CS-SW-4 @ 3'

Lab Sample ID: 890-2079-12
Matrix: Solid
Date Collected: 03/15/22 14:00
Date Received: 03/15/22 16:33

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	21701	03/16/22 13:35	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	21704	03/17/22 08:53	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			21813	03/17/22 12:10	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			21764	03/17/22 08:43	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	21740	03/16/22 13:49	DM	XEN MID
Total/NA	Analysis	8015B NM		1			21675	03/17/22 02:03	AJ	XEN MID
Soluble	Leach	DI Leach			5.01 g	50 mL	21723	03/17/22 10:49	CH	XEN MID
Soluble	Analysis	300.0		1			21814	03/18/22 00:55	SC	XEN MID

Client Sample ID: CS-SW-4 @ 6'

Lab Sample ID: 890-2079-13
Matrix: Solid
Date Collected: 03/15/22 14:05
Date Received: 03/15/22 16:33

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	21701	03/16/22 13:35	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	21704	03/17/22 09:13	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			21813	03/17/22 12:10	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			21764	03/17/22 08:43	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	21740	03/16/22 13:49	DM	XEN MID
Total/NA	Analysis	8015B NM		1			21675	03/17/22 02:23	AJ	XEN MID
Soluble	Leach	DI Leach			5.02 g	50 mL	21723	03/17/22 10:49	CH	XEN MID
Soluble	Analysis	300.0		1			21814	03/18/22 01:06	SC	XEN MID

Client Sample ID: CS-9 @ 10'

Lab Sample ID: 890-2079-14
Matrix: Solid
Date Collected: 03/15/22 14:10
Date Received: 03/15/22 16:33

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	21701	03/16/22 13:35	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	21704	03/17/22 09:34	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			21813	03/17/22 12:10	AJ	XEN MID

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Lab Chronicle

Client: TRC Solutions, Inc.
Project/Site: COP Milky way fee 002

Job ID: 890-2079-1
SDG: Carlsbad NM

Client Sample ID: CS-9 @ 10'

Lab Sample ID: 890-2079-14
Matrix: Solid
Date Collected: 03/15/22 14:10
Date Received: 03/15/22 16:33

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			21764	03/17/22 08:43	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	21740	03/16/22 13:49	DM	XEN MID
Total/NA	Analysis	8015B NM		1			21675	03/17/22 02:44	AJ	XEN MID
Soluble	Leach	DI Leach			4.95 g	50 mL	21723	03/17/22 10:49	CH	XEN MID
Soluble	Analysis	300.0		1			21814	03/18/22 01:16	SC	XEN MID

Client Sample ID: CS-10 @ 10'

Lab Sample ID: 890-2079-15
Matrix: Solid
Date Collected: 03/15/22 14:15
Date Received: 03/15/22 16:33

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	21701	03/16/22 13:35	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	21704	03/17/22 09:55	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			21813	03/17/22 12:10	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			21764	03/17/22 08:43	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	21740	03/16/22 13:49	DM	XEN MID
Total/NA	Analysis	8015B NM		1			21675	03/17/22 03:05	AJ	XEN MID
Soluble	Leach	DI Leach			4.96 g	50 mL	21802	03/17/22 11:08	SC	XEN MID
Soluble	Analysis	300.0		1			21929	03/18/22 17:35	SC	XEN MID

Laboratory References:

XEN MID = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

Accreditation/Certification Summary

Client: TRC Solutions, Inc.
Project/Site: COP Milky way fee 002

Job ID: 890-2079-1
SDG: Carlsbad 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	T104704400-21-22	06-30-22

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

Method Summary

Client: TRC Solutions, Inc.
Project/Site: COP Milky way fee 002

Job ID: 890-2079-1
SDG: Carlsbad NM

Method	Method Description	Protocol	Laboratory
8021B	Volatile Organic Compounds (GC)	SW846	XEN MID
Total BTEX	Total BTEX Calculation	TAL SOP	XEN MID
8015 NM	Diesel Range Organics (DRO) (GC)	SW846	XEN MID
8015B NM	Diesel Range Organics (DRO) (GC)	SW846	XEN MID
300.0	Anions, Ion Chromatography	MCAWW	XEN MID
5035	Closed System Purge and Trap	SW846	XEN MID
8015NM Prep	Microextraction	SW846	XEN MID
DI Leach	Deionized Water Leaching Procedure	ASTM	XEN MID

Protocol References:

ASTM = ASTM International

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

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

TAL SOP = TestAmerica Laboratories, Standard Operating Procedure

Laboratory References:

XEN MID = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

Sample Summary

Client: TRC Solutions, Inc.
Project/Site: COP Milky way fee 002

Job ID: 890-2079-1
SDG: Carlsbad NM

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Depth
890-2079-1	CS-1 @ 3.5'	Solid	03/15/22 08:00	03/15/22 16:33	3.5
890-2079-2	CS-2 @ 3.5'	Solid	03/15/22 08:05	03/15/22 16:33	3.5
890-2079-3	CS-3 @ 2'	Solid	03/15/22 08:10	03/15/22 16:33	2.5
890-2079-4	CS-4 @ 2'	Solid	03/15/22 08:15	03/15/22 16:33	2
890-2079-5	CS-5 @ 2'	Solid	03/15/22 08:20	03/15/22 16:33	2
890-2079-6	CS-6 @ 2.5'	Solid	03/15/22 08:25	03/15/22 16:33	2
890-2079-7	CS-7 @ 2.5'	Solid	03/15/22 08:30	03/15/22 16:33	2.5
890-2079-8	CS-8 @ 2.5'	Solid	03/15/22 08:35	03/15/22 16:33	2.5
890-2079-9	CS-SW-1 @ 1.75'	Solid	03/15/22 08:40	03/15/22 16:33	2.5
890-2079-10	CS-SW-2 @ 1.75'	Solid	03/15/22 08:45	03/15/22 16:33	1.75
890-2079-11	CS--3 @ 1.75'	Solid	03/15/22 08:50	03/15/22 16:33	1.75
890-2079-12	CS-SW-4 @ 3'	Solid	03/15/22 14:00	03/15/22 16:33	3
890-2079-13	CS-SW-4 @ 6'	Solid	03/15/22 14:05	03/15/22 16:33	6
890-2079-14	CS-9 @ 10'	Solid	03/15/22 14:10	03/15/22 16:33	10
890-2079-15	CS-10 @ 10'	Solid	03/15/22 14:15	03/15/22 16:33	10

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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:

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Project Manager:	Jared Stoffel	Bill to: (if different)	TRC
Company Name:	TRC	Company Name:	
Address:	10 Desta Dr.	Address:	
City, State ZIP:	Midland, TX 79705	City, State ZIP:	
Phone:	432-238-3003	Email:	Jared, Misti, Ike.Tavarez

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:	KOP Milky Way Fed 002	Turn Around	
Project Number:		☐ Routine ☑ Rush 24 hr	
Project Location:	Carlsbad, NM	Due Date:	
Sampler's Name:	Misti 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	Thermometer ID:	Trm-001	
Cooler Custody Seals:	Yes No (N/A)	Correction Factor:	-0.2	
Sample Custody Seals:	Yes No (N/A)	Temperature Reading:	4.6	
Total Containers:		Corrected Temperature:	4.4	

Preservative Codes

None: NO; DI Water: H_2O; Cool: Cool; MeOH: Me; HCL: HC; HNO_3: HN; H_2SO_4: H_2; NaOH: Na; H_3PO_4: HP; $NaHSO_4$: NABIS; $Na_2S_2O_3$: $NaSO_3$; Zn Acetate+NaOH: Zn; NaOH+Ascorbic Acid: SAPC

890-2079 Chain of Custody

Sample Identification	Matrix	Date Sampled	Time Sampled	Depth	Grab/ Comp	# of Cont	Pres. Code	Parameters: TPH 6015M	BTEX 8021B	Chlorides	Sample Comments
CS-1 @ 3.5'	SS	3/15/22	0800	3.5'	C	1		X	X	X	
CS-2 @ 3.5'			0805	3.5'							
CS-3 @ 2'			0810	2'							
CS-4 @ 2'			0815	2'							
CS-5 @ 2'			0820	2'							
CS-6 @ 2.5'			0825	2.5'							
CS-7 @ 2.5'			0830	2.5'							
CS-8 @ 2.5'			0835	2.5'							
CS-SW-1 @ 1.75'			0840	1.75'							
CS-SW-2 @ 1.75'			0845	1.75'							

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 Tl 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 Tl U Hg: 1631 / 245.1 / 7470 / 7471

	Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1	Misti Bryant		3/15/22 4:33	2		
3				4		
5				6		

Revised Date: 08/25/2020 Rev. 2020.2

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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: _____

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Project Manager:	Jared Stoffel	Bill to: (if different)	TRC
Company Name:	TRC	Company Name:	
Address:	10 Desta Dr	Address:	
City, State ZIP:	Midland, TX 79705	City, State ZIP:	
Phone:	432-638-3003	Email:	Jared.Misti, Ike Rivera

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:	COP Milky Way Fee 002	Turn Around	
Project Number:		☐ Routine ☑ Rush 24 hr	
Project Location:	Carlsbad NM	Due Date:	
Sampler's Name:	Misti 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	Thermometer ID:	T-NM002
Cooler Custody Seals:	Yes No N/A	Correction Factor:	-0.2
Sample Custody Seals:	Yes No (N/A)	Temperature Reading:	4.6
Total Containers:		Corrected Temperature:	4.4

Preservative Codes

None: NO | DI Water: H_2O
Cool: Cool | MeOH: Me
HCL: HC | HNO_3: HN
H_2SO_4: H_2 | NaOH: Na
H_3PO_4: HP
$NaHSO_4$: NABIS
$Na_2S_2O_3$: NaSO$_3$
Zn Acetate+NaOH: Zn
NaOH+Ascorbic Acid: SAPC

Sample Identification	Matrix	Date Sampled	Time Sampled	Depth	Grab/ Comp	# of Cont	Pres. Code	Parameters: TPH 8015M	BTEX 8021B	Chloride	Sample Comments
CS-SW-3 @ 1.75'	SS	3/15/22	0850	1.75'	C	1		X	X	X	
CS-SW-4 @ 3'			1400	3'							
CS-SW-4 @ 6'			1405	6'							
CS-9 @ 10'			1410	10'							
CS-10 @ 10'			1415	10'							

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 Tl 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 Tl U Hg: 1631 / 245.1 / 7470 / 7471

Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1 Misti Bryant		3/15/22 4:33	2		
3			4		
5			6		

Revised Date: 08/25/2020 Rev. 2020.2

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ANALYTICAL REPORT

Eurofins Carlsbad
1089 N Canal St.
Carlsbad, NM 88220
Tel: (575)988-3199

Laboratory Job ID: 890-2095-1
Client Project/Site: COP Milky Way Fee 002

For:
TRC Solutions, Inc.
2057 Commerce Drive
Midland, Texas 79703

Attn: Jared Stoffel

JKramer

Authorized for release by:
3/18/2022 6:57:18 PM

Jessica Kramer, Project Manager
(432)704-5440
jessica.kramer@eurofinset.com

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

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

Client: TRC Solutions, Inc.
Project/Site: COP Milky Way Fee 002

Laboratory Job ID: 890-2095-1

Table of Contents

Definitions/Glossary

Client: TRC Solutions, Inc. Job ID: 890-2095-1
Project/Site: COP Milky Way Fee 002

Qualifiers

GC 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.

GC Semi VOA

Qualifier	Qualifier Description
*1	LCS/LCSD RPD 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: COP Milky Way Fee 002

Job ID: 890-2095-1

Job ID: 890-2095-1

Laboratory: Eurofins Carlsbad

Narrative

Job Narrative
890-2095-1

Receipt
The samples were received on 3/16/2022 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 5.2°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: The RPD of the laboratory control sample (LCS) and laboratory control sample duplicate (LCSD) for preparation batch 880-21831 and analytical batch 880-21770 recovered outside control limits for the following analytes: Gasoline Range Organics (GRO)-C6-C10

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: (LCSD 880-21831/3-A) and (MB 880-21831/1-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: COP Milky Way Fee 002

Job ID: 890-2095-1

Client Sample ID: CS-11 @ 10

Lab Sample ID: 890-2095-1
Matrix: Solid
Date Collected: 03/16/22 08:00
Date Received: 03/16/22 16:36
Sample Depth: 10

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U F1	0.00198		mg/Kg		03/17/22 14:15	03/17/22 18:30	1
Toluene	<0.00198	U	0.00198		mg/Kg		03/17/22 14:15	03/17/22 18:30	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		03/17/22 14:15	03/17/22 18:30	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		03/17/22 14:15	03/17/22 18:30	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		03/17/22 14:15	03/17/22 18:30	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		03/17/22 14:15	03/17/22 18:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*177*	*S1+*	*70 - 130*	*03/17/22 14:15*	*03/17/22 18:30*	*1*
1,4-Difluorobenzene (Surr)	*99*		*70 - 130*	*03/17/22 14:15*	*03/17/22 18:30*	*1*

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			03/18/22 13:17	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			03/18/22 12:52	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U *1	49.8		mg/Kg		03/17/22 15:48	03/18/22 01:25	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		03/17/22 15:48	03/18/22 01:25	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		03/17/22 15:48	03/18/22 01:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*112*		*70 - 130*	*03/17/22 15:48*	*03/18/22 01:25*	*1*
o-Terphenyl	*129*		*70 - 130*	*03/17/22 15:48*	*03/18/22 01:25*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**7.30**		4.95		mg/Kg			03/18/22 15:25	1

Client Sample ID: CS-12 @ 10

Lab Sample ID: 890-2095-2
Matrix: Solid
Date Collected: 03/16/22 08:05
Date Received: 03/16/22 16:36
Sample Depth: 10

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		03/17/22 14:15	03/17/22 18:51	1
Toluene	<0.00200	U	0.00200		mg/Kg		03/17/22 14:15	03/17/22 18:51	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		03/17/22 14:15	03/17/22 18:51	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		03/17/22 14:15	03/17/22 18:51	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		03/17/22 14:15	03/17/22 18:51	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		03/17/22 14:15	03/17/22 18:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*107*		*70 - 130*	*03/17/22 14:15*	*03/17/22 18:51*	*1*

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Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: COP Milky Way Fee 002

Job ID: 890-2095-1

Client Sample ID: CS-12 @ 10

Lab Sample ID: 890-2095-2
Matrix: Solid
Date Collected: 03/16/22 08:05
Date Received: 03/16/22 16:36
Sample Depth: 10

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	*106*		*70 - 130*	*03/17/22 14:15*	*03/17/22 18:51*	*1*

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00400	U	0.00400		mg/Kg			03/18/22 13:17	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			03/18/22 12:52	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U *1	49.9		mg/Kg		03/17/22 15:48	03/18/22 02:27	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		03/17/22 15:48	03/18/22 02:27	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		03/17/22 15:48	03/18/22 02:27	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	*110*		*70 - 130*	*03/17/22 15:48*	*03/18/22 02:27*	*1*
o-Terphenyl	*128*		*70 - 130*	*03/17/22 15:48*	*03/18/22 02:27*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.03	U	5.03		mg/Kg			03/18/22 15:34	1

Client Sample ID: CS-13 @ 10

Lab Sample ID: 890-2095-3
Matrix: Solid
Date Collected: 03/16/22 10:50
Date Received: 03/16/22 16:36
Sample Depth: 10

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		03/17/22 14:15	03/17/22 19:11	1
Toluene	<0.00199	U	0.00199		mg/Kg		03/17/22 14:15	03/17/22 19:11	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		03/17/22 14:15	03/17/22 19:11	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		03/17/22 14:15	03/17/22 19:11	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		03/17/22 14:15	03/17/22 19:11	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		03/17/22 14:15	03/17/22 19:11	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	*108*		*70 - 130*	*03/17/22 14:15*	*03/17/22 19:11*	*1*
1,4-Difluorobenzene (Surr)	*108*		*70 - 130*	*03/17/22 14:15*	*03/17/22 19:11*	*1*

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			03/18/22 13:17	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			03/18/22 12:52	1

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: COP Milky Way Fee 002

Job ID: 890-2095-1

Client Sample ID: CS-13 @ 10

Lab Sample ID: 890-2095-3
Matrix: Solid
Date Collected: 03/16/22 10:50
Date Received: 03/16/22 16:36
Sample Depth: 10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U *1	49.9		mg/Kg		03/17/22 15:48	03/18/22 02:48	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		03/17/22 15:48	03/18/22 02:48	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		03/17/22 15:48	03/18/22 02:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*100*		*70 - 130*	*03/17/22 15:48*	*03/18/22 02:48*	*1*
o-Terphenyl	*109*		*70 - 130*	*03/17/22 15:48*	*03/18/22 02:48*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**9.40**		5.03		mg/Kg			03/18/22 15:43	1

Client Sample ID: CS-14 @ 10

Lab Sample ID: 890-2095-4
Matrix: Solid
Date Collected: 03/16/22 10:55
Date Received: 03/16/22 16:36
Sample Depth: 10

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		03/17/22 14:15	03/17/22 19:32	1
Toluene	<0.00199	U	0.00199		mg/Kg		03/17/22 14:15	03/17/22 19:32	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		03/17/22 14:15	03/17/22 19:32	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		03/17/22 14:15	03/17/22 19:32	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		03/17/22 14:15	03/17/22 19:32	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		03/17/22 14:15	03/17/22 19:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*111*		*70 - 130*	*03/17/22 14:15*	*03/17/22 19:32*	*1*
1,4-Difluorobenzene (Surr)	*107*		*70 - 130*	*03/17/22 14:15*	*03/17/22 19:32*	*1*

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			03/18/22 13:17	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			03/18/22 12:52	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U *1	50.0		mg/Kg		03/17/22 15:48	03/18/22 03:08	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		03/17/22 15:48	03/18/22 03:08	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		03/17/22 15:48	03/18/22 03:08	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*101*		*70 - 130*	*03/17/22 15:48*	*03/18/22 03:08*	*1*
o-Terphenyl	*116*		*70 - 130*	*03/17/22 15:48*	*03/18/22 03:08*	*1*

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: COP Milky Way Fee 002

Job ID: 890-2095-1

Client Sample ID: CS-14 @ 10

Lab Sample ID: 890-2095-4
Matrix: Solid
Date Collected: 03/16/22 10:55
Date Received: 03/16/22 16:36
Sample Depth: 10

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	7.33		5.04		mg/Kg			03/18/22 16:09	1

Client Sample ID: CS-15 @ 10

Lab Sample ID: 890-2095-5
Matrix: Solid
Date Collected: 03/16/22 11:00
Date Received: 03/16/22 16:36
Sample Depth: 10

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		03/17/22 14:15	03/17/22 19:53	1
Toluene	<0.00202	U	0.00202		mg/Kg		03/17/22 14:15	03/17/22 19:53	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		03/17/22 14:15	03/17/22 19:53	1
m-Xylene & p-Xylene	<0.00403	U	0.00403		mg/Kg		03/17/22 14:15	03/17/22 19:53	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		03/17/22 14:15	03/17/22 19:53	1
Xylenes, Total	<0.00403	U	0.00403		mg/Kg		03/17/22 14:15	03/17/22 19:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*101*		*70 - 130*	*03/17/22 14:15*	*03/17/22 19:53*	*1*
1,4-Difluorobenzene (Surr)	*106*		*70 - 130*	*03/17/22 14:15*	*03/17/22 19:53*	*1*

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00403	U	0.00403		mg/Kg			03/18/22 13:17	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			03/18/22 12:52	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U *1	49.9		mg/Kg		03/17/22 15:48	03/18/22 03:29	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		03/17/22 15:48	03/18/22 03:29	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		03/17/22 15:48	03/18/22 03:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*115*		*70 - 130*	*03/17/22 15:48*	*03/18/22 03:29*	*1*
o-Terphenyl	*129*		*70 - 130*	*03/17/22 15:48*	*03/18/22 03:29*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	6.90		4.99		mg/Kg			03/18/22 16:18	1

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: COP Milky Way Fee 002

Job ID: 890-2095-1

Client Sample ID: CS-16 @ 10

Lab Sample ID: 890-2095-6
Matrix: Solid
Date Collected: 03/16/22 11:05
Date Received: 03/16/22 16:36
Sample Depth: 10

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		03/17/22 14:15	03/17/22 20:13	1
Toluene	<0.00199	U	0.00199		mg/Kg		03/17/22 14:15	03/17/22 20:13	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		03/17/22 14:15	03/17/22 20:13	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		03/17/22 14:15	03/17/22 20:13	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		03/17/22 14:15	03/17/22 20:13	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		03/17/22 14:15	03/17/22 20:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*109*		*70 - 130*	*03/17/22 14:15*	*03/17/22 20:13*	*1*
1,4-Difluorobenzene (Surr)	*109*		*70 - 130*	*03/17/22 14:15*	*03/17/22 20:13*	*1*

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			03/18/22 13:17	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			03/18/22 12:52	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U *1	50.0		mg/Kg		03/17/22 15:48	03/18/22 03:50	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		03/17/22 15:48	03/18/22 03:50	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		03/17/22 15:48	03/18/22 03:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*105*		*70 - 130*	*03/17/22 15:48*	*03/18/22 03:50*	*1*
o-Terphenyl	*118*		*70 - 130*	*03/17/22 15:48*	*03/18/22 03:50*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**237**		4.99		mg/Kg			03/18/22 16:44	1

Client Sample ID: CS-17 @ 10

Lab Sample ID: 890-2095-7
Matrix: Solid
Date Collected: 03/16/22 11:10
Date Received: 03/16/22 16:36
Sample Depth: 10

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		03/17/22 14:15	03/17/22 20:34	1
Toluene	<0.00200	U	0.00200		mg/Kg		03/17/22 14:15	03/17/22 20:34	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		03/17/22 14:15	03/17/22 20:34	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		03/17/22 14:15	03/17/22 20:34	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		03/17/22 14:15	03/17/22 20:34	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		03/17/22 14:15	03/17/22 20:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*105*		*70 - 130*	*03/17/22 14:15*	*03/17/22 20:34*	*1*

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: COP Milky Way Fee 002

Job ID: 890-2095-1

Client Sample ID: CS-17 @ 10

Lab Sample ID: 890-2095-7
Matrix: Solid
Date Collected: 03/16/22 11:10
Date Received: 03/16/22 16:36
Sample Depth: 10

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	*109*		*70 - 130*	*03/17/22 14:15*	*03/17/22 20:34*	*1*

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00400	U	0.00400		mg/Kg			03/18/22 13:17	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			03/18/22 12:52	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U *1	50.0		mg/Kg		03/17/22 15:48	03/18/22 04:11	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		03/17/22 15:48	03/18/22 04:11	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		03/17/22 15:48	03/18/22 04:11	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	*101*		*70 - 130*	*03/17/22 15:48*	*03/18/22 04:11*	*1*
o-Terphenyl	*110*		*70 - 130*	*03/17/22 15:48*	*03/18/22 04:11*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**261**		4.97		mg/Kg			03/18/22 16:53	1

Client Sample ID: CS-SW-5 @ 3

Lab Sample ID: 890-2095-8
Matrix: Solid
Date Collected: 03/16/22 14:00
Date Received: 03/16/22 16:36
Sample Depth: 3

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		03/17/22 14:15	03/17/22 20:55	1
Toluene	<0.00200	U	0.00200		mg/Kg		03/17/22 14:15	03/17/22 20:55	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		03/17/22 14:15	03/17/22 20:55	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		03/17/22 14:15	03/17/22 20:55	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		03/17/22 14:15	03/17/22 20:55	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		03/17/22 14:15	03/17/22 20:55	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	*111*		*70 - 130*	*03/17/22 14:15*	*03/17/22 20:55*	*1*
1,4-Difluorobenzene (Surr)	*108*		*70 - 130*	*03/17/22 14:15*	*03/17/22 20:55*	*1*

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			03/18/22 13:17	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			03/18/22 12:52	1

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: COP Milky Way Fee 002

Job ID: 890-2095-1

Client Sample ID: CS-SW-5 @ 3

Lab Sample ID: 890-2095-8
Matrix: Solid
Date Collected: 03/16/22 14:00
Date Received: 03/16/22 16:36
Sample Depth: 3

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U *1	49.9		mg/Kg		03/17/22 15:48	03/18/22 04:31	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		03/17/22 15:48	03/18/22 04:31	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		03/17/22 15:48	03/18/22 04:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*105*		*70 - 130*	*03/17/22 15:48*	*03/18/22 04:31*	*1*
o-Terphenyl	*119*		*70 - 130*	*03/17/22 15:48*	*03/18/22 04:31*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**6.53**		5.03		mg/Kg			03/18/22 17:02	1

Client Sample ID: CS-SW-5 @ 6

Lab Sample ID: 890-2095-9
Matrix: Solid
Date Collected: 03/16/22 14:05
Date Received: 03/16/22 16:36
Sample Depth: 6

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		03/17/22 14:15	03/17/22 21:15	1
Toluene	<0.00198	U	0.00198		mg/Kg		03/17/22 14:15	03/17/22 21:15	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		03/17/22 14:15	03/17/22 21:15	1
m-Xylene & p-Xylene	<0.00397	U	0.00397		mg/Kg		03/17/22 14:15	03/17/22 21:15	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		03/17/22 14:15	03/17/22 21:15	1
Xylenes, Total	<0.00397	U	0.00397		mg/Kg		03/17/22 14:15	03/17/22 21:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*104*		*70 - 130*	*03/17/22 14:15*	*03/17/22 21:15*	*1*
1,4-Difluorobenzene (Surr)	*107*		*70 - 130*	*03/17/22 14:15*	*03/17/22 21:15*	*1*

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00397	U	0.00397		mg/Kg			03/18/22 13:17	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			03/18/22 12:52	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U *1	50.0		mg/Kg		03/17/22 15:48	03/18/22 04:52	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		03/17/22 15:48	03/18/22 04:52	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		03/17/22 15:48	03/18/22 04:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*95*		*70 - 130*	*03/17/22 15:48*	*03/18/22 04:52*	*1*
o-Terphenyl	*106*		*70 - 130*	*03/17/22 15:48*	*03/18/22 04:52*	*1*

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Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: COP Milky Way Fee 002

Job ID: 890-2095-1

Client Sample ID: CS-SW-5 @ 6

Lab Sample ID: 890-2095-9
Matrix: Solid
Date Collected: 03/16/22 14:05
Date Received: 03/16/22 16:36
Sample Depth: 6

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<4.97	U	4.97		mg/Kg			03/18/22 17:11	1

Client Sample ID: CS-SW-6 @ 3

Lab Sample ID: 890-2095-10
Matrix: Solid
Date Collected: 03/16/22 14:10
Date Received: 03/16/22 16:36
Sample Depth: 3

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		03/17/22 14:15	03/17/22 21:36	1
Toluene	<0.00199	U	0.00199		mg/Kg		03/17/22 14:15	03/17/22 21:36	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		03/17/22 14:15	03/17/22 21:36	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		03/17/22 14:15	03/17/22 21:36	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		03/17/22 14:15	03/17/22 21:36	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		03/17/22 14:15	03/17/22 21:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*102*		*70 - 130*	*03/17/22 14:15*	*03/17/22 21:36*	*1*
1,4-Difluorobenzene (Surr)	*112*		*70 - 130*	*03/17/22 14:15*	*03/17/22 21:36*	*1*

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			03/18/22 13:17	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			03/18/22 12:52	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U *1	50.0		mg/Kg		03/17/22 15:48	03/18/22 05:12	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		03/17/22 15:48	03/18/22 05:12	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		03/17/22 15:48	03/18/22 05:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*107*		*70 - 130*	*03/17/22 15:48*	*03/18/22 05:12*	*1*
o-Terphenyl	*123*		*70 - 130*	*03/17/22 15:48*	*03/18/22 05:12*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**6.30**		5.05		mg/Kg			03/18/22 17:20	1

Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: COP Milky Way Fee 002

Job ID: 890-2095-1

Client Sample ID: CS-SW-6 @ 6

Lab Sample ID: 890-2095-11

Date Collected: 03/16/22 14:15
Matrix: Solid
Date Received: 03/16/22 16:36
Sample Depth: 6

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		03/17/22 14:15	03/17/22 23:00	1
Toluene	<0.00198	U	0.00198		mg/Kg		03/17/22 14:15	03/17/22 23:00	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		03/17/22 14:15	03/17/22 23:00	1
m-Xylene & p-Xylene	<0.00397	U	0.00397		mg/Kg		03/17/22 14:15	03/17/22 23:00	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		03/17/22 14:15	03/17/22 23:00	1
Xylenes, Total	<0.00397	U	0.00397		mg/Kg		03/17/22 14:15	03/17/22 23:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*99*		*70 - 130*	*03/17/22 14:15*	*03/17/22 23:00*	*1*
1,4-Difluorobenzene (Surr)	*104*		*70 - 130*	*03/17/22 14:15*	*03/17/22 23:00*	*1*

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00397	U	0.00397		mg/Kg			03/18/22 13:17	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			03/18/22 12:52	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U *1	50.0		mg/Kg		03/17/22 15:48	03/18/22 05:53	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		03/17/22 15:48	03/18/22 05:53	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		03/17/22 15:48	03/18/22 05:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*94*		*70 - 130*	*03/17/22 15:48*	*03/18/22 05:53*	*1*
o-Terphenyl	*107*		*70 - 130*	*03/17/22 15:48*	*03/18/22 05:53*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**6.95**		5.00		mg/Kg			03/18/22 17:29	1

Client Sample ID: CS-SW-7 @ 6

Lab Sample ID: 890-2095-12

Date Collected: 03/16/22 14:20
Matrix: Solid
Date Received: 03/16/22 16:36
Sample Depth: 6

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		03/17/22 14:15	03/17/22 23:20	1
Toluene	<0.00200	U	0.00200		mg/Kg		03/17/22 14:15	03/17/22 23:20	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		03/17/22 14:15	03/17/22 23:20	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		03/17/22 14:15	03/17/22 23:20	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		03/17/22 14:15	03/17/22 23:20	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		03/17/22 14:15	03/17/22 23:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*104*		*70 - 130*	*03/17/22 14:15*	*03/17/22 23:20*	*1*

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Client Sample Results

Client: TRC Solutions, Inc.
Project/Site: COP Milky Way Fee 002

Job ID: 890-2095-1

Client Sample ID: CS-SW-7 @ 6

Date Collected: 03/16/22 14:20
Date Received: 03/16/22 16:36
Sample Depth: 6

Lab Sample ID: 890-2095-12

Matrix: Solid

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

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Difluorobenzene (Surr)	*106*		*70 - 130*	*03/17/22 14:15*	*03/17/22 23:20*	*1*

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00400	U	0.00400		mg/Kg			03/18/22 13:17	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			03/18/22 12:52	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U *1	50.0		mg/Kg		03/17/22 15:48	03/18/22 06:13	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		03/17/22 15:48	03/18/22 06:13	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		03/17/22 15:48	03/18/22 06:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*96*		*70 - 130*	*03/17/22 15:48*	*03/18/22 06:13*	*1*
o-Terphenyl	*106*		*70 - 130*	*03/17/22 15:48*	*03/18/22 06:13*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**245**		5.03		mg/Kg			03/18/22 17:38	1

Surrogate Summary

Client: TRC Solutions, Inc.
Project/Site: COP Milky Way Fee 002

Job ID: 890-2095-1

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)
890-2095-1	CS-11 @ 10	177 S1+	99
890-2095-1 MS	CS-11 @ 10	104	99
890-2095-1 MSD	CS-11 @ 10	102	88
890-2095-2	CS-12 @ 10	107	106
890-2095-3	CS-13 @ 10	108	108
890-2095-4	CS-14 @ 10	111	107
890-2095-5	CS-15 @ 10	101	106
890-2095-6	CS-16 @ 10	109	109
890-2095-7	CS-17 @ 10	105	109
890-2095-8	CS-SW-5 @ 3	111	108
890-2095-9	CS-SW-5 @ 6	104	107
890-2095-10	CS-SW-6 @ 3	102	112
890-2095-11	CS-SW-6 @ 6	99	104
890-2095-12	CS-SW-7 @ 6	104	106
LCS 880-21730/1-A	Lab Control Sample	94	108
LCSD 880-21730/2-A	Lab Control Sample Dup	97	103
MB 880-21730/5-A	Method Blank	99	94

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)
890-2095-1	CS-11 @ 10	112	129
890-2095-1 MS	CS-11 @ 10	104	104
890-2095-1 MSD	CS-11 @ 10	101	106
890-2095-2	CS-12 @ 10	110	128
890-2095-3	CS-13 @ 10	100	109
890-2095-4	CS-14 @ 10	101	116
890-2095-5	CS-15 @ 10	115	129
890-2095-6	CS-16 @ 10	105	118
890-2095-7	CS-17 @ 10	101	110
890-2095-8	CS-SW-5 @ 3	105	119
890-2095-9	CS-SW-5 @ 6	95	106
890-2095-10	CS-SW-6 @ 3	107	123
890-2095-11	CS-SW-6 @ 6	94	107
890-2095-12	CS-SW-7 @ 6	96	106

Surrogate Legend

1CO = 1-Chlorooctane
OTPH = o-Terphenyl

Surrogate Summary

Client: TRC Solutions, Inc. Job ID: 890-2095-1
Project/Site: COP Milky Way Fee 002

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	1CO2 (70-130)	OTPH2 (70-130)								
LCS 880-21831/2-A	Lab Control Sample	101	111								
LCSD 880-21831/3-A	Lab Control Sample Dup	124	133 S1+								
MB 880-21831/1-A	Method Blank	116	133 S1+								

Surrogate Legend

1CO = 1-Chlorooctane

OTPH = o-Terphenyl

QC Sample Results

Client: TRC Solutions, Inc.
Project/Site: COP Milky Way Fee 002

Job ID: 890-2095-1

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-21730/5-A
Matrix: Solid
Analysis Batch: 21815

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 21730

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		03/17/22 14:15	03/17/22 18:08	1
Toluene	<0.00200	U	0.00200		mg/Kg		03/17/22 14:15	03/17/22 18:08	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		03/17/22 14:15	03/17/22 18:08	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		03/17/22 14:15	03/17/22 18:08	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		03/17/22 14:15	03/17/22 18:08	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		03/17/22 14:15	03/17/22 18:08	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*99*		*70 - 130*	*03/17/22 14:15*	*03/17/22 18:08*	*1*
1,4-Difluorobenzene (Surr)	*94*		*70 - 130*	*03/17/22 14:15*	*03/17/22 18:08*	*1*

Lab Sample ID: LCS 880-21730/1-A
Matrix: Solid
Analysis Batch: 21815

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 21730

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	0.100	0.1095		mg/Kg		109	70 - 130
Toluene	0.100	0.09940		mg/Kg		99	70 - 130
Ethylbenzene	0.100	0.09985		mg/Kg		100	70 - 130
m-Xylene & p-Xylene	0.200	0.2048		mg/Kg		102	70 - 130
o-Xylene	0.100	0.1004		mg/Kg		100	70 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*94*		*70 - 130*
1,4-Difluorobenzene (Surr)	*108*		*70 - 130*

Lab Sample ID: LCSD 880-21730/2-A
Matrix: Solid
Analysis Batch: 21815

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 21730

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	0.100	0.09392		mg/Kg		94	70 - 130	15	35
Toluene	0.100	0.09813		mg/Kg		98	70 - 130	1	35
Ethylbenzene	0.100	0.1038		mg/Kg		104	70 - 130	4	35
m-Xylene & p-Xylene	0.200	0.2158		mg/Kg		108	70 - 130	5	35
o-Xylene	0.100	0.1056		mg/Kg		106	70 - 130	5	35

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*97*		*70 - 130*
1,4-Difluorobenzene (Surr)	*103*		*70 - 130*

Lab Sample ID: 890-2095-1 MS
Matrix: Solid
Analysis Batch: 21815

Client Sample ID: CS-11 @ 10
Prep Type: Total/NA
Prep Batch: 21730

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	<0.00198	U F1	0.0998	0.08009		mg/Kg		80	70 - 130
Toluene	<0.00198	U	0.0998	0.08672		mg/Kg		87	70 - 130

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QC Sample Results

Client: TRC Solutions, Inc.
Project/Site: COP Milky Way Fee 002

Job ID: 890-2095-1

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

Lab Sample ID: 890-2095-1 MS
Matrix: Solid
Analysis Batch: 21815

Client Sample ID: CS-11 @ 10
Prep Type: Total/NA
Prep Batch: 21730

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Ethylbenzene	<0.00198	U	0.0998	0.08998		mg/Kg		89	70 - 130
m-Xylene & p-Xylene	<0.00396	U	0.200	0.1912		mg/Kg		95	70 - 130
o-Xylene	<0.00198	U	0.0998	0.09466		mg/Kg		94	70 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*104*		*70 - 130*
1,4-Difluorobenzene (Surr)	*99*		*70 - 130*

Lab Sample ID: 890-2095-1 MSD
Matrix: Solid
Analysis Batch: 21815

Client Sample ID: CS-11 @ 10
Prep Type: Total/NA
Prep Batch: 21730

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	<0.00198	U F1	0.100	0.06741	F1	mg/Kg		67	70 - 130	17	35
Toluene	<0.00198	U	0.100	0.07615		mg/Kg		76	70 - 130	13	35
Ethylbenzene	<0.00198	U	0.100	0.07776		mg/Kg		77	70 - 130	15	35
m-Xylene & p-Xylene	<0.00396	U	0.201	0.1653		mg/Kg		82	70 - 130	14	35
o-Xylene	<0.00198	U	0.100	0.08201		mg/Kg		80	70 - 130	14	35

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*102*		*70 - 130*
1,4-Difluorobenzene (Surr)	*88*		*70 - 130*

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

Lab Sample ID: MB 880-21831/1-A
Matrix: Solid
Analysis Batch: 21770

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 21831

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		03/17/22 15:48	03/18/22 00:23	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		03/17/22 15:48	03/18/22 00:23	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		03/17/22 15:48	03/18/22 00:23	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*116*		*70 - 130*	*03/17/22 15:48*	*03/18/22 00:23*	*1*
o-Terphenyl	*133*	*S1+*	*70 - 130*	*03/17/22 15:48*	*03/18/22 00:23*	*1*

Lab Sample ID: LCS 880-21831/2-A
Matrix: Solid
Analysis Batch: 21770

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 21831

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Gasoline Range Organics (GRO)-C6-C10	1000	916.8		mg/Kg		92	70 - 130
Diesel Range Organics (Over C10-C28)	1000	958.0		mg/Kg		96	70 - 130

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QC Sample Results

Client: TRC Solutions, Inc.
Project/Site: COP Milky Way Fee 002

Job ID: 890-2095-1

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

Lab Sample ID: LCS 880-21831/2-A
Matrix: Solid
Analysis Batch: 21770

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 21831

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1-Chlorooctane	101		70 - 130
o-Terphenyl	111		70 - 130

Lab Sample ID: LCSD 880-21831/3-A
Matrix: Solid
Analysis Batch: 21770

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 21831

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	1165	*1	mg/Kg		116	70 - 130	24	20
Diesel Range Organics (Over C10-C28)			1000	1171		mg/Kg		117	70 - 130	20	20

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1-Chlorooctane	124		70 - 130
o-Terphenyl	133	S1+	70 - 130

Lab Sample ID: 890-2095-1 MS
Matrix: Solid
Analysis Batch: 21770

Client Sample ID: CS-11 @ 10
Prep Type: Total/NA
Prep Batch: 21831

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Gasoline Range Organics (GRO)-C6-C10	<49.8	U *1	998	1150		mg/Kg		113	70 - 130
Diesel Range Organics (Over C10-C28)	<49.8	U	998	1180		mg/Kg		116	70 - 130

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

Lab Sample ID: 890-2095-1 MSD
Matrix: Solid
Analysis Batch: 21770

Client Sample ID: CS-11 @ 10
Prep Type: Total/NA
Prep Batch: 21831

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	<49.8	U *1	999	1160		mg/Kg		114	70 - 130	1	20
Diesel Range Organics (Over C10-C28)	<49.8	U	999	1183		mg/Kg		116	70 - 130	0	20

Surrogate	MSD %Recovery	MSD Qualifier	Limits
1-Chlorooctane	101		70 - 130
o-Terphenyl	106		70 - 130

QC Sample Results

Client: TRC Solutions, Inc.
Project/Site: COP Milky Way Fee 002

Job ID: 890-2095-1

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-21855/1-A
Matrix: Solid
Analysis Batch: 21874

Client Sample ID: Method Blank
Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00		mg/Kg			03/18/22 13:12	1

Lab Sample ID: LCS 880-21855/2-A
Matrix: Solid
Analysis Batch: 21874

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Chloride			250	252.7		mg/Kg		101	90 - 110		

Lab Sample ID: LCSD 880-21855/3-A
Matrix: Solid
Analysis Batch: 21874

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	253.2		mg/Kg		101	90 - 110	0	20

Lab Sample ID: 890-2095-3 MS
Matrix: Solid
Analysis Batch: 21874

Client Sample ID: CS-13 @ 10
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
Chloride	9.40		252	259.6		mg/Kg		99	90 - 110		

Lab Sample ID: 890-2095-3 MSD
Matrix: Solid
Analysis Batch: 21874

Client Sample ID: CS-13 @ 10
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	9.40		252	259.7		mg/Kg		100	90 - 110	0	20

QC Association Summary

Client: TRC Solutions, Inc.
Project/Site: COP Milky Way Fee 002

Job ID: 890-2095-1

GC VOA

Prep Batch: 21730

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2095-1	CS-11 @ 10	Total/NA	Solid	5035	
890-2095-2	CS-12 @ 10	Total/NA	Solid	5035	
890-2095-3	CS-13 @ 10	Total/NA	Solid	5035	
890-2095-4	CS-14 @ 10	Total/NA	Solid	5035	
890-2095-5	CS-15 @ 10	Total/NA	Solid	5035	
890-2095-6	CS-16 @ 10	Total/NA	Solid	5035	
890-2095-7	CS-17 @ 10	Total/NA	Solid	5035	
890-2095-8	CS-SW-5 @ 3	Total/NA	Solid	5035	
890-2095-9	CS-SW-5 @ 6	Total/NA	Solid	5035	
890-2095-10	CS-SW-6 @ 3	Total/NA	Solid	5035	
890-2095-11	CS-SW-6 @ 6	Total/NA	Solid	5035	
890-2095-12	CS-SW-7 @ 6	Total/NA	Solid	5035	
MB 880-21730/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-21730/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-21730/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-2095-1 MS	CS-11 @ 10	Total/NA	Solid	5035	
890-2095-1 MSD	CS-11 @ 10	Total/NA	Solid	5035	

Analysis Batch: 21815

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2095-1	CS-11 @ 10	Total/NA	Solid	8021B	21730
890-2095-2	CS-12 @ 10	Total/NA	Solid	8021B	21730
890-2095-3	CS-13 @ 10	Total/NA	Solid	8021B	21730
890-2095-4	CS-14 @ 10	Total/NA	Solid	8021B	21730
890-2095-5	CS-15 @ 10	Total/NA	Solid	8021B	21730
890-2095-6	CS-16 @ 10	Total/NA	Solid	8021B	21730
890-2095-7	CS-17 @ 10	Total/NA	Solid	8021B	21730
890-2095-8	CS-SW-5 @ 3	Total/NA	Solid	8021B	21730
890-2095-9	CS-SW-5 @ 6	Total/NA	Solid	8021B	21730
890-2095-10	CS-SW-6 @ 3	Total/NA	Solid	8021B	21730
890-2095-11	CS-SW-6 @ 6	Total/NA	Solid	8021B	21730
890-2095-12	CS-SW-7 @ 6	Total/NA	Solid	8021B	21730
MB 880-21730/5-A	Method Blank	Total/NA	Solid	8021B	21730
LCS 880-21730/1-A	Lab Control Sample	Total/NA	Solid	8021B	21730
LCSD 880-21730/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	21730
890-2095-1 MS	CS-11 @ 10	Total/NA	Solid	8021B	21730
890-2095-1 MSD	CS-11 @ 10	Total/NA	Solid	8021B	21730

Analysis Batch: 21893

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2095-1	CS-11 @ 10	Total/NA	Solid	Total BTEX	
890-2095-2	CS-12 @ 10	Total/NA	Solid	Total BTEX	
890-2095-3	CS-13 @ 10	Total/NA	Solid	Total BTEX	
890-2095-4	CS-14 @ 10	Total/NA	Solid	Total BTEX	
890-2095-5	CS-15 @ 10	Total/NA	Solid	Total BTEX	
890-2095-6	CS-16 @ 10	Total/NA	Solid	Total BTEX	
890-2095-7	CS-17 @ 10	Total/NA	Solid	Total BTEX	
890-2095-8	CS-SW-5 @ 3	Total/NA	Solid	Total BTEX	
890-2095-9	CS-SW-5 @ 6	Total/NA	Solid	Total BTEX	
890-2095-10	CS-SW-6 @ 3	Total/NA	Solid	Total BTEX	
890-2095-11	CS-SW-6 @ 6	Total/NA	Solid	Total BTEX	

QC Association Summary

Client: TRC Solutions, Inc.
Project/Site: COP Milky Way Fee 002

Job ID: 890-2095-1

GC VOA (Continued)

Analysis Batch: 21893 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2095-12	CS-SW-7 @ 6	Total/NA	Solid	Total BTEX	

GC Semi VOA

Analysis Batch: 21770

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2095-1	CS-11 @ 10	Total/NA	Solid	8015B NM	21831
890-2095-2	CS-12 @ 10	Total/NA	Solid	8015B NM	21831
890-2095-3	CS-13 @ 10	Total/NA	Solid	8015B NM	21831
890-2095-4	CS-14 @ 10	Total/NA	Solid	8015B NM	21831
890-2095-5	CS-15 @ 10	Total/NA	Solid	8015B NM	21831
890-2095-6	CS-16 @ 10	Total/NA	Solid	8015B NM	21831
890-2095-7	CS-17 @ 10	Total/NA	Solid	8015B NM	21831
890-2095-8	CS-SW-5 @ 3	Total/NA	Solid	8015B NM	21831
890-2095-9	CS-SW-5 @ 6	Total/NA	Solid	8015B NM	21831
890-2095-10	CS-SW-6 @ 3	Total/NA	Solid	8015B NM	21831
890-2095-11	CS-SW-6 @ 6	Total/NA	Solid	8015B NM	21831
890-2095-12	CS-SW-7 @ 6	Total/NA	Solid	8015B NM	21831
MB 880-21831/1-A	Method Blank	Total/NA	Solid	8015B NM	21831
LCS 880-21831/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	21831
LCSD 880-21831/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	21831
890-2095-1 MS	CS-11 @ 10	Total/NA	Solid	8015B NM	21831
890-2095-1 MSD	CS-11 @ 10	Total/NA	Solid	8015B NM	21831

Prep Batch: 21831

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2095-1	CS-11 @ 10	Total/NA	Solid	8015NM Prep	
890-2095-2	CS-12 @ 10	Total/NA	Solid	8015NM Prep	
890-2095-3	CS-13 @ 10	Total/NA	Solid	8015NM Prep	
890-2095-4	CS-14 @ 10	Total/NA	Solid	8015NM Prep	
890-2095-5	CS-15 @ 10	Total/NA	Solid	8015NM Prep	
890-2095-6	CS-16 @ 10	Total/NA	Solid	8015NM Prep	
890-2095-7	CS-17 @ 10	Total/NA	Solid	8015NM Prep	
890-2095-8	CS-SW-5 @ 3	Total/NA	Solid	8015NM Prep	
890-2095-9	CS-SW-5 @ 6	Total/NA	Solid	8015NM Prep	
890-2095-10	CS-SW-6 @ 3	Total/NA	Solid	8015NM Prep	
890-2095-11	CS-SW-6 @ 6	Total/NA	Solid	8015NM Prep	
890-2095-12	CS-SW-7 @ 6	Total/NA	Solid	8015NM Prep	
MB 880-21831/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-21831/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-21831/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-2095-1 MS	CS-11 @ 10	Total/NA	Solid	8015NM Prep	
890-2095-1 MSD	CS-11 @ 10	Total/NA	Solid	8015NM Prep	

Analysis Batch: 21885

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2095-1	CS-11 @ 10	Total/NA	Solid	8015 NM	
890-2095-2	CS-12 @ 10	Total/NA	Solid	8015 NM	
890-2095-3	CS-13 @ 10	Total/NA	Solid	8015 NM	
890-2095-4	CS-14 @ 10	Total/NA	Solid	8015 NM	
890-2095-5	CS-15 @ 10	Total/NA	Solid	8015 NM	

QC Association Summary

Client: TRC Solutions, Inc.
Project/Site: COP Milky Way Fee 002

Job ID: 890-2095-1

GC Semi VOA (Continued)

Analysis Batch: 21885 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2095-6	CS-16 @ 10	Total/NA	Solid	8015 NM	
890-2095-7	CS-17 @ 10	Total/NA	Solid	8015 NM	
890-2095-8	CS-SW-5 @ 3	Total/NA	Solid	8015 NM	
890-2095-9	CS-SW-5 @ 6	Total/NA	Solid	8015 NM	
890-2095-10	CS-SW-6 @ 3	Total/NA	Solid	8015 NM	
890-2095-11	CS-SW-6 @ 6	Total/NA	Solid	8015 NM	
890-2095-12	CS-SW-7 @ 6	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 21855

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2095-1	CS-11 @ 10	Soluble	Solid	DI Leach	
890-2095-2	CS-12 @ 10	Soluble	Solid	DI Leach	
890-2095-3	CS-13 @ 10	Soluble	Solid	DI Leach	
890-2095-4	CS-14 @ 10	Soluble	Solid	DI Leach	
890-2095-5	CS-15 @ 10	Soluble	Solid	DI Leach	
890-2095-6	CS-16 @ 10	Soluble	Solid	DI Leach	
890-2095-7	CS-17 @ 10	Soluble	Solid	DI Leach	
890-2095-8	CS-SW-5 @ 3	Soluble	Solid	DI Leach	
890-2095-9	CS-SW-5 @ 6	Soluble	Solid	DI Leach	
890-2095-10	CS-SW-6 @ 3	Soluble	Solid	DI Leach	
890-2095-11	CS-SW-6 @ 6	Soluble	Solid	DI Leach	
890-2095-12	CS-SW-7 @ 6	Soluble	Solid	DI Leach	
MB 880-21855/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-21855/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-21855/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
890-2095-3 MS	CS-13 @ 10	Soluble	Solid	DI Leach	
890-2095-3 MSD	CS-13 @ 10	Soluble	Solid	DI Leach	

Analysis Batch: 21874

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2095-1	CS-11 @ 10	Soluble	Solid	300.0	21855
890-2095-2	CS-12 @ 10	Soluble	Solid	300.0	21855
890-2095-3	CS-13 @ 10	Soluble	Solid	300.0	21855
890-2095-4	CS-14 @ 10	Soluble	Solid	300.0	21855
890-2095-5	CS-15 @ 10	Soluble	Solid	300.0	21855
890-2095-6	CS-16 @ 10	Soluble	Solid	300.0	21855
890-2095-7	CS-17 @ 10	Soluble	Solid	300.0	21855
890-2095-8	CS-SW-5 @ 3	Soluble	Solid	300.0	21855
890-2095-9	CS-SW-5 @ 6	Soluble	Solid	300.0	21855
890-2095-10	CS-SW-6 @ 3	Soluble	Solid	300.0	21855
890-2095-11	CS-SW-6 @ 6	Soluble	Solid	300.0	21855
890-2095-12	CS-SW-7 @ 6	Soluble	Solid	300.0	21855
MB 880-21855/1-A	Method Blank	Soluble	Solid	300.0	21855
LCS 880-21855/2-A	Lab Control Sample	Soluble	Solid	300.0	21855
LCSD 880-21855/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	21855
890-2095-3 MS	CS-13 @ 10	Soluble	Solid	300.0	21855
890-2095-3 MSD	CS-13 @ 10	Soluble	Solid	300.0	21855

Lab Chronicle

Client: TRC Solutions, Inc.
Project/Site: COP Milky Way Fee 002

Job ID: 890-2095-1

Client Sample ID: CS-11 @ 10

Lab Sample ID: 890-2095-1
Matrix: Solid
Date Collected: 03/16/22 08:00
Date Received: 03/16/22 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	21730	03/17/22 14:15	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	21815	03/17/22 18:30	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			21893	03/18/22 13:17	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			21885	03/18/22 12:52	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	21831	03/17/22 15:48	DM	XEN MID
Total/NA	Analysis	8015B NM		1			21770	03/18/22 01:25	AJ	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	21855	03/18/22 09:37	SC	XEN MID
Soluble	Analysis	300.0		1	0 mL	1.0 mL	21874	03/18/22 15:25	SC	XEN MID

Client Sample ID: CS-12 @ 10

Lab Sample ID: 890-2095-2
Matrix: Solid
Date Collected: 03/16/22 08:05
Date Received: 03/16/22 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			5.00 g	5 mL	21730	03/17/22 14:15	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	21815	03/17/22 18:51	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			21893	03/18/22 13:17	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			21885	03/18/22 12:52	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	21831	03/17/22 15:48	DM	XEN MID
Total/NA	Analysis	8015B NM		1			21770	03/18/22 02:27	AJ	XEN MID
Soluble	Leach	DI Leach			4.97 g	50 mL	21855	03/18/22 09:37	SC	XEN MID
Soluble	Analysis	300.0		1			21874	03/18/22 15:34	SC	XEN MID

Client Sample ID: CS-13 @ 10

Lab Sample ID: 890-2095-3
Matrix: Solid
Date Collected: 03/16/22 10:50
Date Received: 03/16/22 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	21730	03/17/22 14:15	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	21815	03/17/22 19:11	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			21893	03/18/22 13:17	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			21885	03/18/22 12:52	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	21831	03/17/22 15:48	DM	XEN MID
Total/NA	Analysis	8015B NM		1			21770	03/18/22 02:48	AJ	XEN MID
Soluble	Leach	DI Leach			4.97 g	50 mL	21855	03/18/22 09:37	SC	XEN MID
Soluble	Analysis	300.0		1	0 mL	1.0 mL	21874	03/18/22 15:43	SC	XEN MID

Client Sample ID: CS-14 @ 10

Lab Sample ID: 890-2095-4
Matrix: Solid
Date Collected: 03/16/22 10:55
Date Received: 03/16/22 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	21730	03/17/22 14:15	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	21815	03/17/22 19:32	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			21893	03/18/22 13:17	AJ	XEN MID

Lab Chronicle

Client: TRC Solutions, Inc.
Project/Site: COP Milky Way Fee 002

Job ID: 890-2095-1

Client Sample ID: CS-14 @ 10

Lab Sample ID: 890-2095-4
Matrix: Solid
Date Collected: 03/16/22 10:55
Date Received: 03/16/22 16:36

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			21885	03/18/22 12:52	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	21831	03/17/22 15:48	DM	XEN MID
Total/NA	Analysis	8015B NM		1			21770	03/18/22 03:08	AJ	XEN MID
Soluble	Leach	DI Leach			4.96 g	50 mL	21855	03/18/22 09:37	SC	XEN MID
Soluble	Analysis	300.0		1	0 mL	1.0 mL	21874	03/18/22 16:09	SC	XEN MID

Client Sample ID: CS-15 @ 10

Lab Sample ID: 890-2095-5
Matrix: Solid
Date Collected: 03/16/22 11:00
Date Received: 03/16/22 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			4.96 g	5 mL	21730	03/17/22 14:15	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	21815	03/17/22 19:53	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			21893	03/18/22 13:17	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			21885	03/18/22 12:52	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	21831	03/17/22 15:48	DM	XEN MID
Total/NA	Analysis	8015B NM		1			21770	03/18/22 03:29	AJ	XEN MID
Soluble	Leach	DI Leach			5.01 g	50 mL	21855	03/18/22 09:37	SC	XEN MID
Soluble	Analysis	300.0		1			21874	03/18/22 16:18	SC	XEN MID

Client Sample ID: CS-16 @ 10

Lab Sample ID: 890-2095-6
Matrix: Solid
Date Collected: 03/16/22 11:05
Date Received: 03/16/22 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	21730	03/17/22 14:15	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	21815	03/17/22 20:13	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			21893	03/18/22 13:17	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			21885	03/18/22 12:52	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	21831	03/17/22 15:48	DM	XEN MID
Total/NA	Analysis	8015B NM		1			21770	03/18/22 03:50	AJ	XEN MID
Soluble	Leach	DI Leach			5.01 g	50 mL	21855	03/18/22 09:37	SC	XEN MID
Soluble	Analysis	300.0		1			21874	03/18/22 16:44	SC	XEN MID

Client Sample ID: CS-17 @ 10

Lab Sample ID: 890-2095-7
Matrix: Solid
Date Collected: 03/16/22 11:10
Date Received: 03/16/22 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			5.00 g	5 mL	21730	03/17/22 14:15	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	21815	03/17/22 20:34	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			21893	03/18/22 13:17	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			21885	03/18/22 12:52	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	21831	03/17/22 15:48	DM	XEN MID
Total/NA	Analysis	8015B NM		1			21770	03/18/22 04:11	AJ	XEN MID

Eurofins Carlsbad

Lab Chronicle

Client: TRC Solutions, Inc.
Project/Site: COP Milky Way Fee 002

Job ID: 890-2095-1

Client Sample ID: CS-17 @ 10

Lab Sample ID: 890-2095-7
Matrix: Solid
Date Collected: 03/16/22 11:10
Date Received: 03/16/22 16:36

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.03 g	50 mL	21855	03/18/22 09:37	SC	XEN MID
Soluble	Analysis	300.0		1			21874	03/18/22 16:53	SC	XEN MID

Client Sample ID: CS-SW-5 @ 3

Lab Sample ID: 890-2095-8
Matrix: Solid
Date Collected: 03/16/22 14:00
Date Received: 03/16/22 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			5.01 g	5 mL	21730	03/17/22 14:15	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	21815	03/17/22 20:55	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			21893	03/18/22 13:17	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			21885	03/18/22 12:52	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	21831	03/17/22 15:48	DM	XEN MID
Total/NA	Analysis	8015B NM		1			21770	03/18/22 04:31	AJ	XEN MID
Soluble	Leach	DI Leach			4.97 g	50 mL	21855	03/18/22 09:37	SC	XEN MID
Soluble	Analysis	300.0		1			21874	03/18/22 17:02	SC	XEN MID

Client Sample ID: CS-SW-5 @ 6

Lab Sample ID: 890-2095-9
Matrix: Solid
Date Collected: 03/16/22 14:05
Date Received: 03/16/22 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			5.04 g	5 mL	21730	03/17/22 14:15	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	21815	03/17/22 21:15	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			21893	03/18/22 13:17	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			21885	03/18/22 12:52	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	21831	03/17/22 15:48	DM	XEN MID
Total/NA	Analysis	8015B NM		1			21770	03/18/22 04:52	AJ	XEN MID
Soluble	Leach	DI Leach			5.03 g	50 mL	21855	03/18/22 09:37	SC	XEN MID
Soluble	Analysis	300.0		1			21874	03/18/22 17:11	SC	XEN MID

Client Sample ID: CS-SW-6 @ 3

Lab Sample ID: 890-2095-10
Matrix: Solid
Date Collected: 03/16/22 14:10
Date Received: 03/16/22 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	21730	03/17/22 14:15	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	21815	03/17/22 21:36	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			21893	03/18/22 13:17	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			21885	03/18/22 12:52	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	21831	03/17/22 15:48	DM	XEN MID
Total/NA	Analysis	8015B NM		1			21770	03/18/22 05:12	AJ	XEN MID
Soluble	Leach	DI Leach			4.95 g	50 mL	21855	03/18/22 09:37	SC	XEN MID
Soluble	Analysis	300.0		1			21874	03/18/22 17:20	SC	XEN MID

Eurofins Carlsbad

Lab Chronicle

Client: TRC Solutions, Inc.
Project/Site: COP Milky Way Fee 002

Job ID: 890-2095-1

Client Sample ID: CS-SW-6 @ 6

Lab Sample ID: 890-2095-11
Matrix: Solid
Date Collected: 03/16/22 14:15
Date Received: 03/16/22 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			5.04 g	5 mL	21730	03/17/22 14:15	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	21815	03/17/22 23:00	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			21893	03/18/22 13:17	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			21885	03/18/22 12:52	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	21831	03/17/22 15:48	DM	XEN MID
Total/NA	Analysis	8015B NM		1			21770	03/18/22 05:53	AJ	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	21855	03/18/22 09:38	SC	XEN MID
Soluble	Analysis	300.0		1			21874	03/18/22 17:29	SC	XEN MID

Client Sample ID: CS-SW-7 @ 6

Lab Sample ID: 890-2095-12
Matrix: Solid
Date Collected: 03/16/22 14:20
Date Received: 03/16/22 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			5.00 g	5 mL	21730	03/17/22 14:15	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	21815	03/17/22 23:20	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			21893	03/18/22 13:17	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			21885	03/18/22 12:52	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	21831	03/17/22 15:48	DM	XEN MID
Total/NA	Analysis	8015B NM		1			21770	03/18/22 06:13	AJ	XEN MID
Soluble	Leach	DI Leach			4.97 g	50 mL	21855	03/18/22 09:38	SC	XEN MID
Soluble	Analysis	300.0		1			21874	03/18/22 17:38	SC	XEN MID

Laboratory References:

XEN MID = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

Accreditation/Certification Summary

Client: TRC Solutions, Inc.
Project/Site: COP Milky Way Fee 002

Job ID: 890-2095-1

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	T104704400-21-22	06-30-22

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

Method Summary

Client: TRC Solutions, Inc.
Project/Site: COP Milky Way Fee 002

Job ID: 890-2095-1

Method	Method Description	Protocol	Laboratory
8021B	Volatile Organic Compounds (GC)	SW846	XEN MID
Total BTEX	Total BTEX Calculation	TAL SOP	XEN MID
8015 NM	Diesel Range Organics (DRO) (GC)	SW846	XEN MID
8015B NM	Diesel Range Organics (DRO) (GC)	SW846	XEN MID
300.0	Anions, Ion Chromatography	MCAWW	XEN MID
5035	Closed System Purge and Trap	SW846	XEN MID
8015NM Prep	Microextraction	SW846	XEN MID
DI Leach	Deionized Water Leaching Procedure	ASTM	XEN MID

Protocol References:

ASTM = ASTM International

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

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

TAL SOP = TestAmerica Laboratories, Standard Operating Procedure

Laboratory References:

XEN MID = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

Sample Summary

Client: TRC Solutions, Inc.
Project/Site: COP Milky Way Fee 002

Job ID: 890-2095-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Depth
890-2095-1	CS-11 @ 10	Solid	03/16/22 08:00	03/16/22 16:36	10
890-2095-2	CS-12 @ 10	Solid	03/16/22 08:05	03/16/22 16:36	10
890-2095-3	CS-13 @ 10	Solid	03/16/22 10:50	03/16/22 16:36	10
890-2095-4	CS-14 @ 10	Solid	03/16/22 10:55	03/16/22 16:36	10
890-2095-5	CS-15 @ 10	Solid	03/16/22 11:00	03/16/22 16:36	10
890-2095-6	CS-16 @ 10	Solid	03/16/22 11:05	03/16/22 16:36	10
890-2095-7	CS-17 @ 10	Solid	03/16/22 11:10	03/16/22 16:36	10
890-2095-8	CS-SW-5 @ 3	Solid	03/16/22 14:00	03/16/22 16:36	3
890-2095-9	CS-SW-5 @ 6	Solid	03/16/22 14:05	03/16/22 16:36	6
890-2095-10	CS-SW-6 @ 3	Solid	03/16/22 14:10	03/16/22 16:36	3
890-2095-11	CS-SW-6 @ 6	Solid	03/16/22 14:15	03/16/22 16:36	6
890-2095-12	CS-SW-7 @ 6	Solid	03/16/22 14:20	03/16/22 16:36	6

eurofins | 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: _____

www.xenco.com Page 1 of 2

Project Manager:	Jared Stoffel	Bill to: (if different)	TRC
Company Name:	TRC	Company Name:	
Address:	10 Desta Dr	Address:	
City, State ZIP:	Midland, TX 79705	City, State ZIP:	
Phone:	432-238-3003	Email:	Jared.Mist, Ike.Tavarez

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:	COP Milky Way Fed 002	Turn Around	☐ Routine ☑ Rush 24h
Project Number:		Due Date:	
Project Location:	Carlsbad, NM	TAT starts the day received by the lab, if received by 4:30pm	
Sampler's Name:	Misti Bryant		
PO #:			

SAMPLE RECEIPT			
Temp Blank:	Yes No	Wet Ice:	Yes No
Samples Received Intact:	Yes No	Thermometer ID:	T-NM-007
Cooler Custody Seals:	Yes No N/A	Correction Factor:	-0.2
Sample Custody Seals:	Yes No N/A	Temperature Reading:	5.4
Total Containers:		Corrected Temperature:	5.2

ANALYSIS REQUEST

Sample Identification	Matrix	Date Sampled	Time Sampled	Depth	Grab/ Comp	# of Cont	Pres. Code	Parameters: TPH 8015M	BTEX 8021B	Chloride
CS-11 @ 10'	SS	3/16/21	0800	10'	C	1		X	X	X
CS-12 @ 10'			0805							
CS-13 @ 10'			1050							
CS-14 @ 10'			1055							
CS-15 @ 10'			1100							
CS-16 @ 10'			1105							
CS-17 @ 10'			1110							
CS-SW-5 @ 3'			1400	3'						
CS-SW-5 @ 6'			1405	6'						
CS-SW-6 @ 3'			1410	3'						

890-2095 Chain of Custody

Preservative Codes

None: NO | DI Water: H_2O
Cool: Cool | MeOH: Me
HCL: HC | HNO_3: HN
H_2SO_4: H_2 | NaOH: Na
H_3PO_4: HP
$NaHSO_4$: NABIS
$Na_2S_2O_3$: $NaSO_3$
Zn Acetate+NaOH: Zn
NaOH+Ascorbic Acid: SAPC

Sample Comments

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 Tl 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 Tl U Hg: 1631 / 245.1 / 7470 / 7471

Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1 Misti Bryant		3/16/22 4:36	2		
3			4		
5			6		

Revised Date: 08/25/2020 Rev. 2020.2

District I
1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-6161 Fax:(575) 393-0720
District II
811 S. First St., Artesia, NM 88210
Phone:(575) 748-1283 Fax:(575) 748-9720
District III
1000 Rio Brazos Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170
District IV
1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3462

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

CONDITIONS

Action 122672

CONDITIONS

Operator: COG OPERATING LLC 600 W Illinois Ave Midland, TX 79701	OGRID: 229137
	Action Number: 122672
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
jnobui	Closure Report Approved.	8/29/2022