

|                |                |
|----------------|----------------|
| Incident ID    | nAPP2135153330 |
| 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: Cato Clark Title: Vice President Land  
Signature:  Date: 11/21/22  
email: clark@catenares.com Telephone: 346-200-7894

### 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:  Date: 01/03/2023  
Printed Name: Jennifer Nobui Title: Environmental Specialist A



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

November 11, 2022

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

Re: **Closure Report**  
**South Vacuum Unit #354**  
**Catena Resources, LLC**  
**Site Location: Unit G, S35, T18S, R35E**  
**(Lat 32.706436°, Long -103.424600°)**  
**Lea County, New Mexico**  
**Incident # nAPP2135153330**

Dear Mr. Bratcher:

On behalf of Catena Resources, LLC, New Tech Global Environmental, LLC (NTGE) has prepared this letter to document site assessment activities related to a release at the South Vacuum Unit 354 location (Site) on July 9, 2021. The Site is located in Lea County approximately 17.3 miles west of Hobbs, New Mexico (Figures 1 and 2).

### **Background**

Based on the initial C-141 obtained from the New Mexico Oil Conservation Division (NMOCD), the leak was discovered on July 9, 2019 and was a result of equipment failure at the wellhead. The equipment failure resulted in the release of approximately 1 barrel (bbl) of crude oil and 33 bbls of produced water of which 0 bbls were recovered.

### **Site Characterization**

The site is located within a low karst area. Based on a review of the New Mexico Office of the State Engineer (NMOSE) and United States Geological Survey (USGS) databases, 5 known water sources are located within a ½ mile radius of the Site; however, none of the 5 wells were drilled in the past 25 years. The nearest identified well was drilled in 1957 and is located approximately 0.25 miles southwest of the Site. The well has a reported depth to groundwater of 60 feet below ground surface (ft bgs). A copy of the site characterization information and associated *Point of Diversion Summary* report for the nearest water well is attached.

### **Regulatory Limits**

In accordance with the NMOCD regulatory criteria established in 19.15.29.12 NMAC, the following criteria are applicable at the Site.

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

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**Creating a Better Environment  
For Oil & Gas Operations**

Mr. Mike Bratcher  
November 11, 2022  
Page 2 of 2

### **Site Assessment**

Site assessment activities were conducted over three events from October 2021 to February 2022 to fully characterize and delineate the extent of impacts resulting from the release. The assessment identified total petroleum hydrocarbon (TPH) and chloride impacts extending to depths ranging from 1 to 2.5 ft bgs. Complete details of NTGE's site assessment activities are documented in NTGE's previously submitted and approved *Work Plan*, dated March 15, 2022.

### **Further Remediation and Confirmation Sampling**

In accordance with the Work Plan, NTGE proceeded with remedial action activities at the Site to include the excavation and disposal of impacted soils above regulatory limits. Soils were field screened throughout the excavation activities to aide in determining the final excavation extent. Excavation base and sidewall samples were collected to ensure impacted soil was removed. The confirmation samples were collected in accordance with the one sample per 200 ft<sup>2</sup> guideline established in the regulatory criteria. In instances where the confirmation samples exhibited constituent of concern (COC) concentrations above the regulatory limit, the excavation was expanded and additional confirmation samples were collected. The final excavation extent, excavation depths, and confirmation sample locations are shown on Figure 3. A photographic log documenting the remedial action activities is attached.

The confirmation samples were analyzed for BTEX 8021M, TPH 8015M, and Chloride 300.0/4500. Copies of laboratory analysis and chain-of-custody documentation is attached. The analytical results are summarized in Table 1.

### **Closing**

Based on the assessment findings, the remedial action activities, and the analytical results, the impacts at the Site have been successfully remediation. Upon concurrence from the NMOCD, the excavation will be backfilled, contoured to near-natural grade, and re-seeded. A copy of the final C-141 is attached. If you have any questions regarding this report or need further information, please contact us at 432.685.3868.

Sincerely,

NTG Environmental



Gordon Banks, REM, CSEM, CESCO  
Project Manager

Attachments: Table  
Figures  
Photographic Log  
Site Characterization Information  
C-141  
Laboratory Report and Chain-of-Custody Documents

**Table**

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**Table 1 Soil Analytical Results - Confirmation Samples**  
**Catena Resources, LLC**  
**South Vacuum Unit 354**  
**Lea County, New Mexico**

| Sample ID    | Date      | Sample Depth (ft) | TPH (mg/kg) |       |       |       | Benzene (mg/kg) | Toluene (mg/kg) | Ethlybenzene (mg/kg) | Xylenes (mg/kg) | Total BTEX (mg/kg) | Chloride (mg/kg) |
|--------------|-----------|-------------------|-------------|-------|-------|-------|-----------------|-----------------|----------------------|-----------------|--------------------|------------------|
|              |           |                   | GRO         | DRO   | ORO   | Total |                 |                 |                      |                 |                    |                  |
| Base Samples |           |                   |             |       |       |       |                 |                 |                      |                 |                    |                  |
| CS-1         | 8/12/2022 | 2                 | <49.9       | <49.9 | <49.9 | <49.9 | <0.00200        | <0.00200        | <0.00200             | <0.00401        | <0.00401           | 487              |
| CS-2         | 8/12/2022 | 2                 | <49.9       | <49.9 | <49.9 | <49.9 | <0.00199        | <0.00199        | <0.00199             | <0.00398        | <0.00398           | 570              |
| CS-3         | 8/12/2022 | 2                 | <50.0       | 158.0 | <50.0 | 158.0 | <0.00201        | <0.00201        | <0.00201             | <0.00402        | <0.00402           | 849              |
|              | 9/8/2022  | 2.5               | <50.0       | <50.0 | <50.0 | <50.0 | <0.00198        | <0.00198        | <0.00198             | <0.00397        | <0.00397           | 189              |
| CS-4         | 8/12/2022 | 2                 | <49.8       | <49.8 | <49.8 | <49.8 | <0.00200        | <0.00200        | <0.00200             | <0.00399        | <0.00399           | 324              |
| CS-5         | 8/12/2022 | 2                 | <50.0       | <50.0 | <50.0 | <50.0 | <0.00201        | <0.00201        | <0.00201             | <0.00402        | <0.00402           | 403              |
| CS-6         | 8/12/2022 | 2                 | <50.0       | <50.0 | <50.0 | <50.0 | <0.00200        | <0.00200        | <0.00200             | <0.00399        | <0.00399           | 359              |
| CS-7         | 8/12/2022 | 2                 | <50.0       | <50.0 | <50.0 | <50.0 | <0.00199        | <0.00199        | <0.00199             | <0.00398        | <0.00398           | 322              |
| CS-8         | 8/12/2022 | 2                 | <50.0       | 58.1  | <50.0 | 58.1  | <0.00200        | <0.00200        | <0.00200             | <0.00401        | <0.00401           | 514              |
| CS-9         | 8/12/2022 | 2                 | <49.9       | 61.1  | <49.9 | 61.1  | <0.00199        | <0.00199        | <0.00199             | <0.00398        | <0.00398           | 435              |
| CS-10        | 8/12/2022 | 2                 | <49.8       | <49.8 | <49.8 | <49.8 | <0.00199        | <0.00199        | <0.00199             | <0.00398        | <0.00398           | 232              |
| CS-11        | 8/12/2022 | 2                 | <49.9       | <49.9 | <49.9 | <49.9 | <0.00200        | <0.00200        | <0.00200             | <0.00401        | <0.00401           | 226              |
| CS-12        | 8/12/2022 | 2                 | <50.0       | 59.0  | <50.0 | 59.0  | <0.00200        | <0.00200        | <0.00200             | <0.00399        | <0.00399           | 434              |
| CS-13        | 8/12/2022 | 2                 | <50.0       | 84.7  | <50.0 | 84.7  | <0.00199        | <0.00199        | <0.00199             | <0.00398        | <0.00398           | 380              |
| CS-14        | 8/12/2022 | 2                 | <50.0       | <50.0 | <50.0 | <50.0 | <0.00199        | <0.00199        | <0.00199             | <0.00398        | <0.00398           | 216              |
| CS-15        | 8/12/2022 | 2                 | <49.9       | <49.9 | <49.9 | <49.9 | <0.00201        | <0.00201        | <0.00201             | <0.00402        | <0.00402           | 238              |
| CS-16        | 8/12/2022 | 2                 | <49.9       | <49.9 | <49.9 | <49.9 | <0.00200        | <0.00200        | <0.00200             | <0.00401        | <0.00401           | 243              |
| CS-17        | 8/12/2022 | 2                 | <49.9       | <49.9 | <49.9 | <49.9 | <0.00200        | <0.00200        | <0.00200             | <0.00399        | <0.00399           | 207              |
| CS-18        | 8/12/2022 | 2                 | <50.0       | <50.0 | <50.0 | <50.0 | <0.00199        | <0.00199        | <0.00199             | <0.00398        | <0.00398           | 247              |
| CS-19        | 8/12/2022 | 2                 | <49.9       | <49.9 | <49.9 | <49.9 | <0.00201        | <0.00201        | <0.00201             | <0.00402        | <0.00402           | 243              |
| CS-20        | 8/12/2022 | 2                 | <49.8       | <49.8 | <49.8 | <49.8 | <0.00200        | <0.00200        | <0.00200             | <0.00399        | <0.00399           | 513              |
| CS-21        | 8/12/2022 | 2                 | <49.9       | 90.4  | <49.9 | 90.4  | <0.00199        | <0.00199        | <0.00199             | <0.00398        | <0.00398           | 495              |
| CS-22        | 8/12/2022 | 2                 | <49.9       | 79.6  | <49.9 | 79.6  | <0.00200        | <0.00200        | <0.00200             | <0.00399        | <0.00399           | 377              |
| CS-23        | 8/12/2022 | 2                 | <50.0       | 104.0 | <50.0 | 104.0 | <0.00200        | <0.00200        | <0.00200             | <0.00401        | <0.00401           | 378              |
|              | 9/8/2022  | 2.5               | <49.9       | <49.9 | <49.9 | <49.9 | <0.00199        | <0.00199        | <0.00199             | <0.00398        | <0.00398           | 124              |
| CS-24        | 8/12/2022 | 2                 | <49.8       | 59.8  | <49.8 | 59.8  | <0.00200        | <0.00200        | <0.00200             | <0.00399        | <0.00399           | 289              |
| CS-25        | 8/12/2022 | 2                 | <50.0       | 60.4  | <50.0 | 60.4  | <0.00199        | <0.00199        | <0.00199             | <0.00398        | <0.00398           | 225              |
| CS-26        | 8/12/2022 | 1                 | <50.0       | <50.0 | <50.0 | <50.0 | <0.00201        | <0.00201        | <0.00201             | <0.00402        | <0.00402           | 50               |
| CS-27        | 8/12/2022 | 1                 | <50.0       | <50.0 | <50.0 | <50.0 | <0.00199        | <0.00199        | <0.00199             | <0.00398        | <0.00398           | 159              |
| CS-28        | 8/12/2022 | 1                 | <50.0       | <50.0 | <50.0 | <50.0 | <0.00199        | <0.00199        | <0.00199             | <0.00398        | <0.00398           | 248              |
| CS-29        | 8/12/2022 | 1                 | <49.9       | <49.9 | <49.9 | <49.9 | <0.00200        | <0.00200        | <0.00200             | <0.00399        | <0.00399           | 127              |

|                                |           |    |       |       |       |       |          |          |           |          |          |     |
|--------------------------------|-----------|----|-------|-------|-------|-------|----------|----------|-----------|----------|----------|-----|
| CS-30                          | 8/12/2022 | 1  | <49.9 | <49.9 | <49.9 | <49.9 | <0.00199 | <0.00199 | <0.001993 | <0.00398 | <0.00398 | 73  |
| CS-31                          | 8/12/2022 | 1  | <50.0 | <50.0 | <50.0 | <50.0 | <0.00200 | <0.00200 | <0.00200  | <0.00401 | <0.00401 | 79  |
| Sidewall Samples               |           |    |       |       |       |       |          |          |           |          |          |     |
| SW-1                           | 8/12/2022 | -- | <49.9 | <49.9 | <49.9 | <49.9 | <0.00201 | <0.00201 | <0.00201  | <0.00402 | <0.00402 | 91  |
| SW-2                           | 8/12/2022 | -- | <49.9 | <49.9 | <49.9 | <49.9 | <0.00200 | <0.00200 | <0.00200  | <0.00399 | <0.00399 | 86  |
| SW-3                           | 8/12/2022 | -- | <49.8 | <49.8 | <49.8 | <49.8 | <0.00199 | <0.00199 | <0.00199  | <0.00398 | <0.00398 | 228 |
| SW-4                           | 8/12/2022 | -- | <50.0 | <50.0 | <50.0 | <50.0 | <0.00201 | <0.00201 | <0.00201  | <0.00402 | <0.00402 | 223 |
| SW-5                           | 8/12/2022 | -- | <49.9 | 51.4  | <49.9 | 51.4  | <0.00200 | <0.00200 | <0.00200  | <0.00401 | <0.00401 | 464 |
| SW-6                           | 8/12/2022 | -- | <49.9 | 64.6  | <49.9 | 64.6  | <0.00202 | <0.00202 | <0.00202  | <0.00404 | <0.00404 | 464 |
| SW-7                           | 8/12/2022 | -- | <50.0 | <50.0 | <50.0 | <50.0 | <0.00200 | <0.00200 | <0.00200  | <0.00399 | <0.00399 | 132 |
| SW-8                           | 8/12/2022 | -- | <49.9 | <49.9 | <49.9 | <49.9 | <0.00199 | <0.00199 | <0.00199  | <0.00398 | <0.00398 | 373 |
| SW-9                           | 8/12/2022 | -- | <49.8 | <49.8 | <49.8 | <49.8 | <0.00199 | <0.00199 | <0.00199  | <0.00398 | <0.00398 | 216 |
| SW-10                          | 8/12/2022 | -- | <50.0 | <50.0 | <50.0 | <50.0 | <0.00201 | <0.00201 | <0.00201  | <0.00402 | <0.00402 | 301 |
| SW-11                          | 8/12/2022 | -- | <49.9 | <49.9 | <49.9 | <49.9 | <0.00202 | <0.00202 | <0.00202  | <0.00403 | <0.00403 | 279 |
| Regulatory Limits <sup>A</sup> |           |    | -     | -     | -     | 100   | 10       | -        | -         | -        | 50       | 600 |

 - exceeds regulatory limit; however, was later excavated.

mg/kg - milligram per kilogram

GRO - gasoline range organics

DRO - diesel range organics

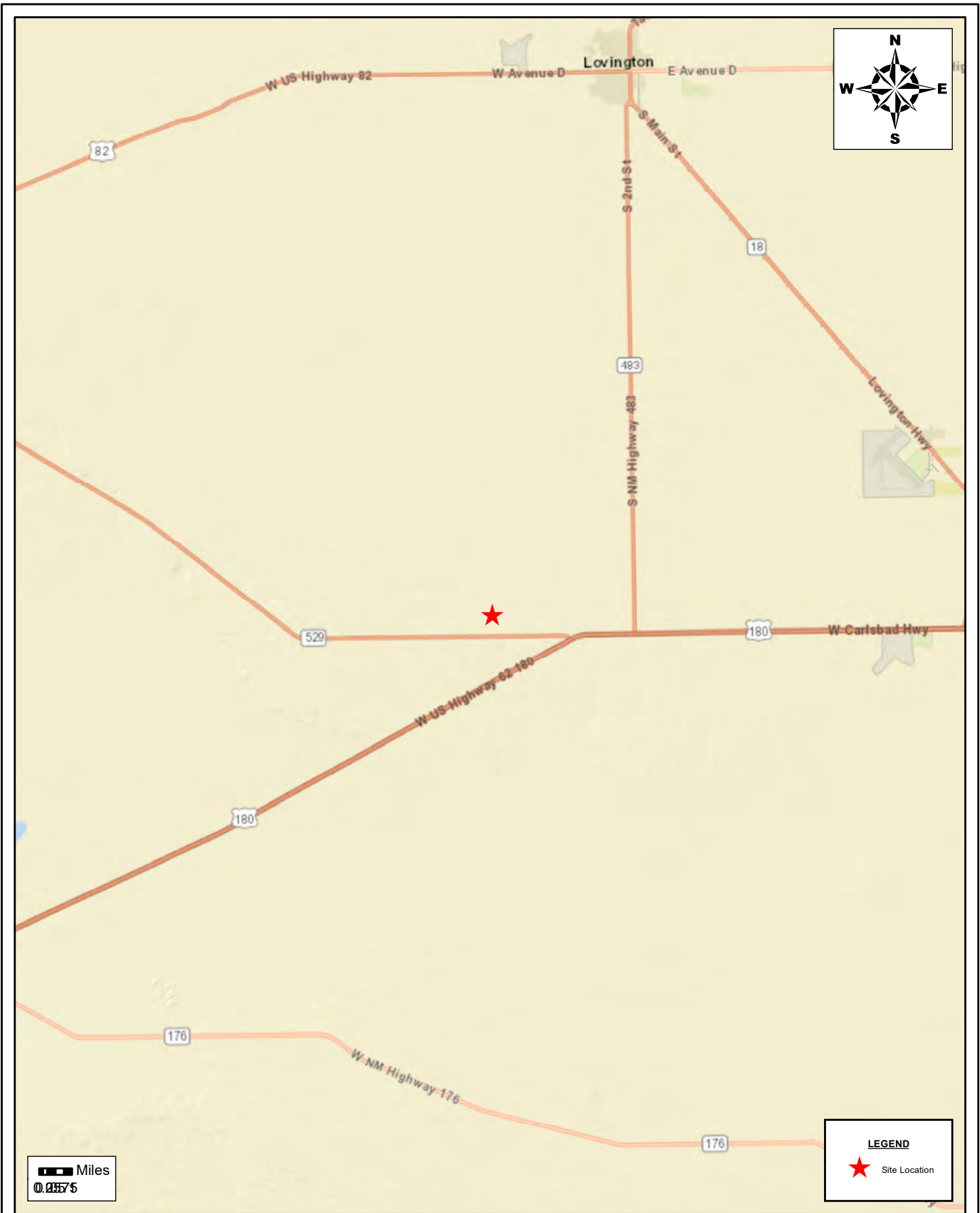
ORO - oil range organics

A – Table 1 - 19.15.29 NMAC

## **Figures**

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Document Path: P:\2021 PROJECTS\CATENA\RSC\214802 South Vacuum 354\7 - Figures\WXD\Closure Report\354 Figure 1 - Site Location Map.mxd



**SITE LOCATION MAP**  
**CATENA RESOURCES ,LLC**  
 SOUTH VACUUM UNIT #354  
 LEA COUNTY, NEW MEXICO  
 32.706436°, -104.424600°

SCALE: As Shown    Date: 11/11/2022    PROJECT #: 214802

**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 UTM Zone 13N

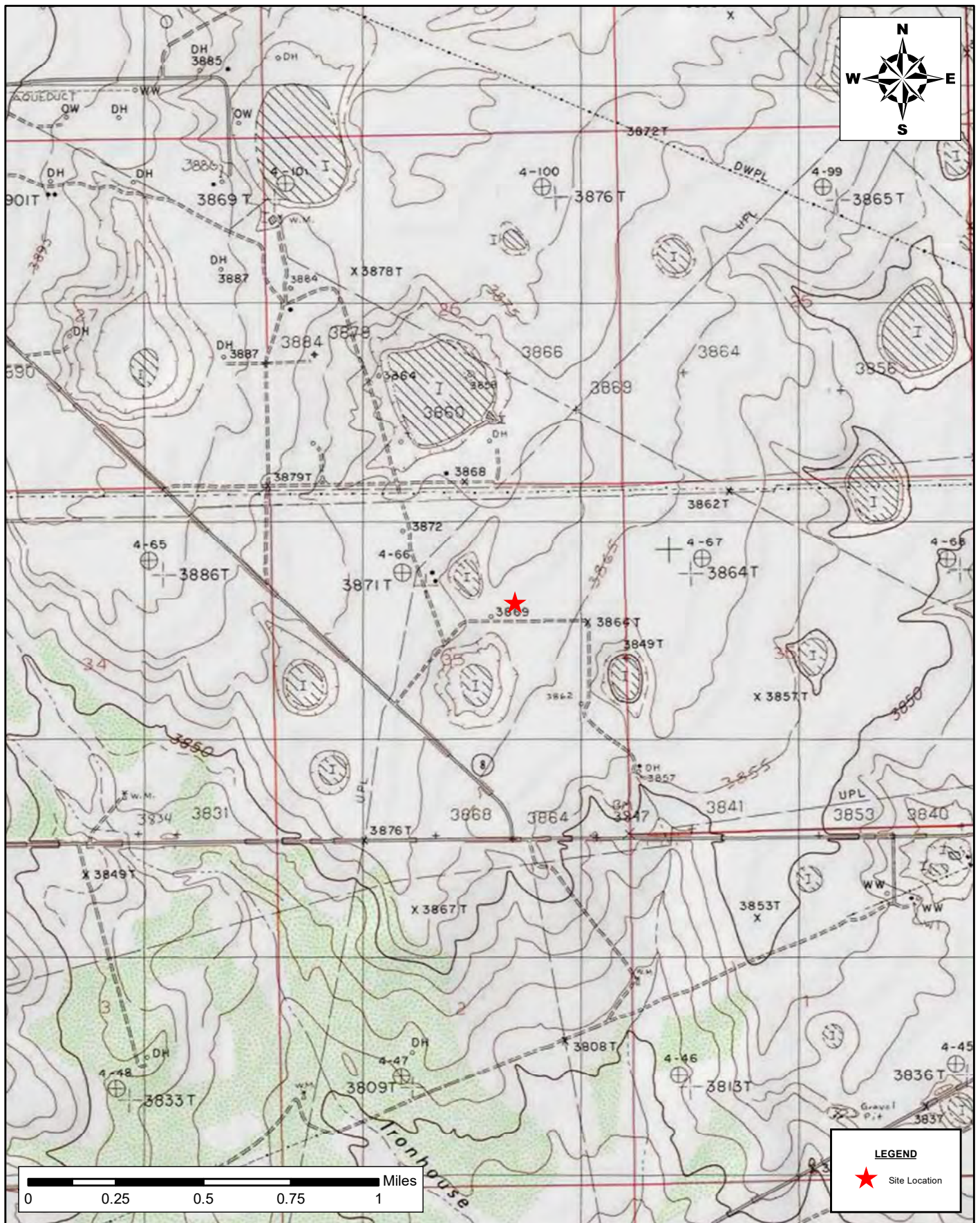
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**FIGURE 1**

SHEET NUMBER:

**1 of 1**

Document Path: P:\2021 PROJECTS\CATENA\RSC\214802 South Vacuum 35417 - Figures\WXD\Closure Report\354 Figure 2 - Areas Map.mxd



**AREA MAP**  
**CATENA RESOURCES, LLC**  
 SOUTH VACUUM UNIT #354  
 LEA COUNTY, NEW MEXICO  
 32.706436°, -104.424600°

SCALE: As Shown

Date: 11/11/2022

PROJECT #: 214802



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

**NOTES:**

1. Base Image: ESRI Maps & Data 2013
2. Map Projection: NAD 1983 UTM Zone 13N

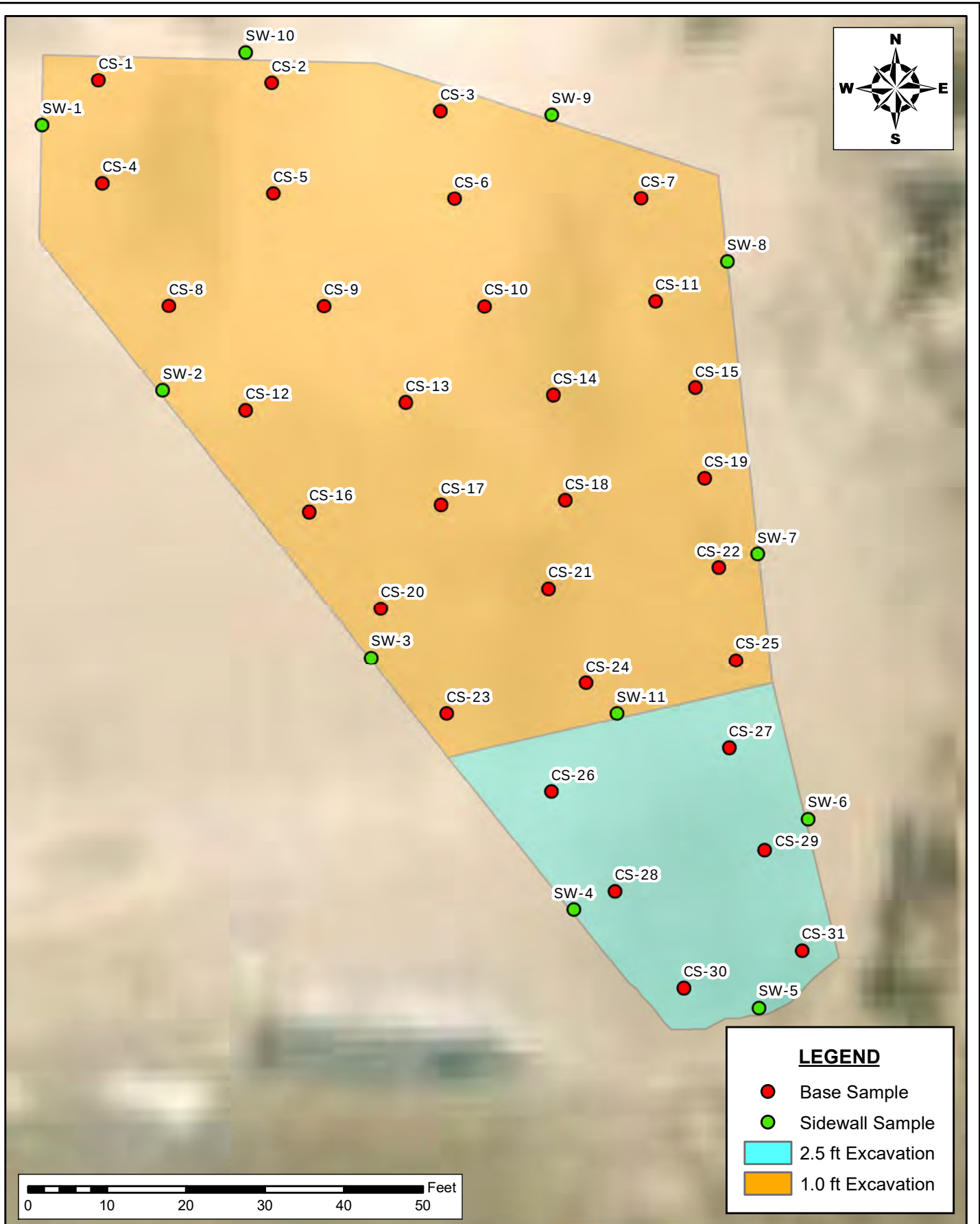
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**FIGURE 2**

SHEET NUMBER:

**1 of 1**

Document Path: P:\2021 PROJECTS\CATENA\RSC\214802 South Vacuum 354\7 - Figures\WXD\Closure Report\354 Figure 3 Final.mxd



**EXCAVATION AND CONFIRMATION SAMPLE LOCATION MAP**  
**CATENA RESOURCES, LLC**  
 SOUTH VACUUM UNIT #354  
 LEA COUNTY, NEW MEXICO  
 32.706436°, -104.424600°

SCALE: As Shown

Date: 11/11/2022

PROJECT #: 214802



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

**NOTES:**

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

DRAWING NUMBER:

**FIGURE 3**

SHEET NUMBER:

**1 of 1**

## **Photographic Log**

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# PHOTOGRAPHIC LOG

## Catena Resources

### Photograph No. 1

**Facility:** South Vacuum Unit 354

**County:** Lea County, New Mexico

**Description:**

View looking northwest of the final excavation.



### Photograph No. 2

**Facility:** South Vacuum Unit 354

**County:** Lea County, New Mexico

**Description:**

View looking southeast at the final excavation.



### Photograph No. 3

**Facility:** South Vacuum Unit 354

**County:** Lea County, New Mexico

**Description:**

View looking northeast at the final excavation.



# PHOTOGRAPHIC LOG

## Catena Resources

### Photograph No. 4

**Facility:** South Vacuum Unit 354

**County:** Lea County, New Mexico

**Description:**

View looking northeast at the final excavation.



### Photograph No. 5

**Facility:** South Vacuum Unit 354

**County:** Lea County, New Mexico

**Description:**

View looking north at the final excavation.



### Photograph No. 6

**Facility:** South Vacuum Unit 354

**County:** Lea County, New Mexico

**Description:**

View looking northwest at the final excavation.

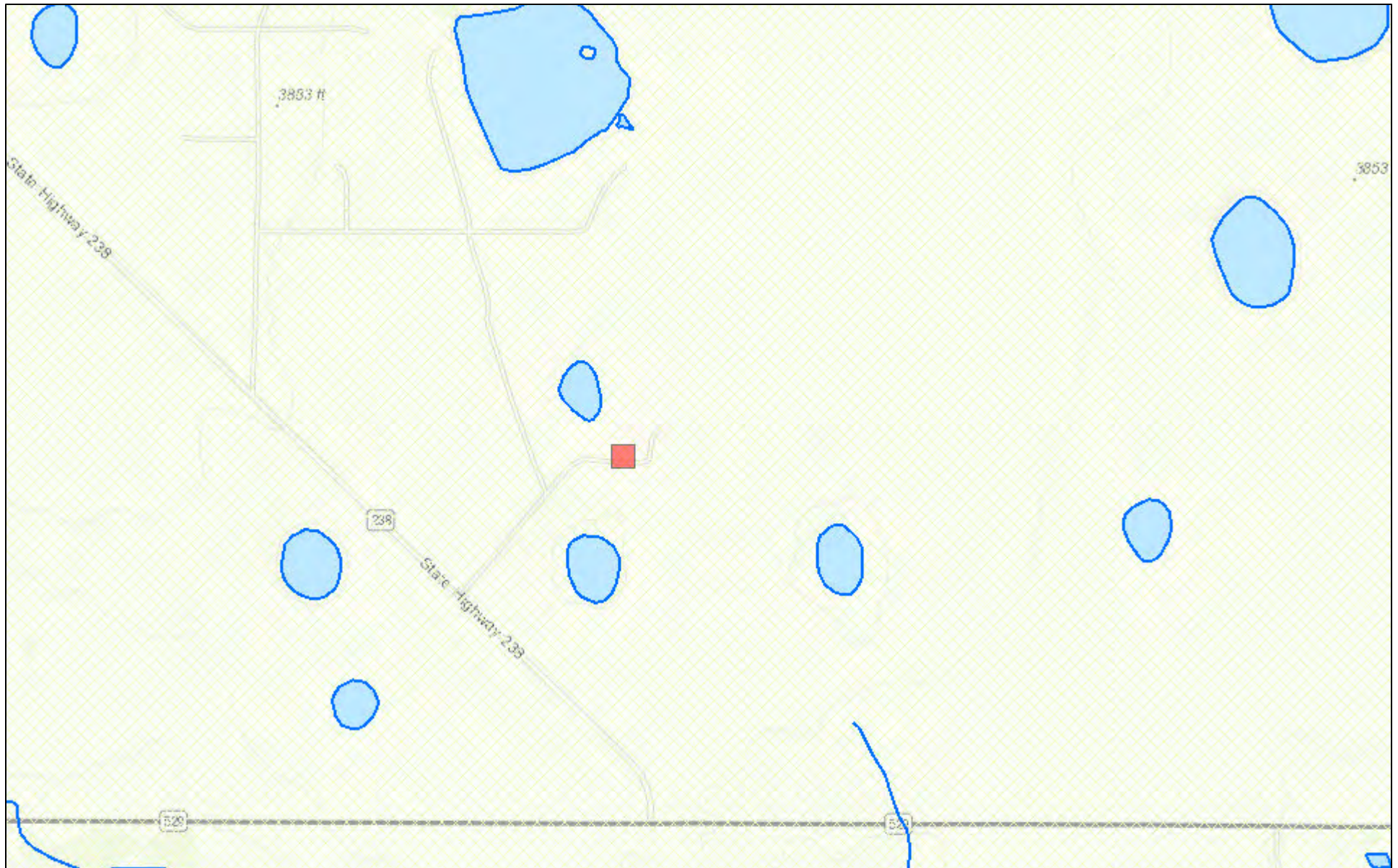


## **Site Characterization Information**

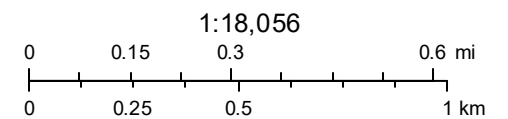
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# New Mexico NFHL Data



October 26, 2021



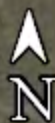
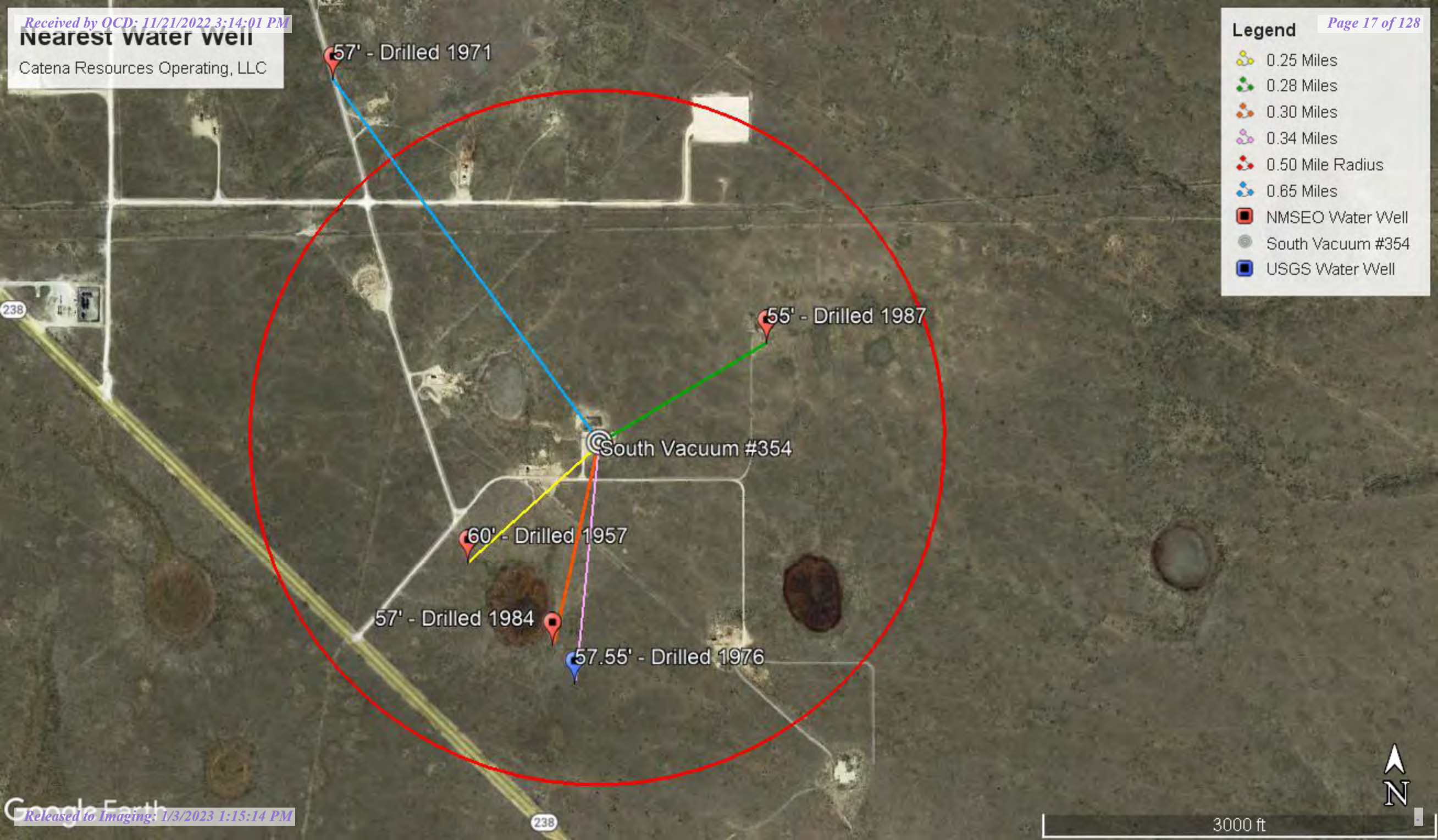
FEMA  
Sources: Esri, HERE, Garmin, Intermap, increment P Corp., GEBCO, USGS,

# Nearest water well

Catena Resources Operating, LLC

## Legend

- 0.25 Miles
- 0.28 Miles
- 0.30 Miles
- 0.34 Miles
- 0.50 Mile Radius
- 0.65 Miles
- NMSEO Water Well
- South Vacuum #354
- USGS Water Well



3000 ft



## New Mexico Office of the State Engineer

# Point of Diversion Summary

|                 |                   |                                    |            |           |            |                       |            |
|-----------------|-------------------|------------------------------------|------------|-----------|------------|-----------------------|------------|
|                 |                   | (quarters are 1=NW 2=NE 3=SW 4=SE) |            |           |            | (NAD83 UTM in meters) |            |
|                 |                   | (quarters are smallest to largest) |            |           |            |                       |            |
| <b>Well Tag</b> | <b>POD Number</b> | <b>Q64</b>                         | <b>Q16</b> | <b>Q4</b> | <b>Sec</b> | <b>Tws</b>            | <b>Rng</b> |
| L               | 09958             | 4                                  | 2          | 2         | 35         | 18S                   | 35E        |
|                 |                   |                                    |            |           |            | <b>X</b>              | <b>Y</b>   |
|                 |                   |                                    |            |           |            | 648040                | 3620074*   |

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|                                      |                                                    |                                 |
|--------------------------------------|----------------------------------------------------|---------------------------------|
| <b>Driller License:</b> 421          | <b>Driller Company:</b> GLENN'S WATER WELL SERVICE |                                 |
| <b>Driller Name:</b> GLENN, CLARK A. |                                                    |                                 |
| <b>Drill Start Date:</b> 10/12/1987  | <b>Drill Finish Date:</b> 10/12/1987               | <b>Plug Date:</b>               |
| <b>Log File Date:</b> 10/22/1987     | <b>PCW Rcv Date:</b>                               | <b>Source:</b> Shallow          |
| <b>Pump Type:</b>                    | <b>Pipe Discharge Size:</b>                        | <b>Estimated Yield:</b> 100 GPM |
| <b>Casing Size:</b> 6.62             | <b>Depth Well:</b> 150 feet                        | <b>Depth Water:</b> 55 feet     |

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|                                       |            |               |                    |
|---------------------------------------|------------|---------------|--------------------|
| <b>Water Bearing Stratifications:</b> | <b>Top</b> | <b>Bottom</b> | <b>Description</b> |
|                                       | 56         | 160           | Other/Unknown      |

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|                             |            |               |
|-----------------------------|------------|---------------|
| <b>Casing Perforations:</b> | <b>Top</b> | <b>Bottom</b> |
|                             | 122        | 153           |

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|                                     |                                   |  |
|-------------------------------------|-----------------------------------|--|
| <b>Meter Number:</b> 8553           | <b>Meter Make:</b> MASTER         |  |
| <b>Meter Serial Number:</b> 2057376 | <b>Meter Multiplier:</b> 100.0000 |  |
| <b>Number of Dials:</b> 6           | <b>Meter Type:</b> Diversion      |  |
| <b>Unit of Measure:</b> Gallons     | <b>Return Flow Percent:</b>       |  |
| <b>Usage Multiplier:</b>            | <b>Reading Frequency:</b> Monthly |  |

---

**Meter Readings (in Acre-Feet)**

| Read Date  | Year | Mtr Reading | Flag | Rdr | Comment | Mtr Amount Online |
|------------|------|-------------|------|-----|---------|-------------------|
| 03/17/2004 | 2004 | 47084       | A    | jw  |         | 0                 |
| 04/26/2004 | 2004 | 49141       | A    | jw  |         | 0.631             |

---

|                             |             |               |
|-----------------------------|-------------|---------------|
| <b>**YTD Meter Amounts:</b> | <b>Year</b> | <b>Amount</b> |
|                             | 2004        | 0.631         |

\*UTM location was derived from PLSS - see Help

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10/26/21 2:57 PM

POINT OF DIVERSION SUMMARY



## New Mexico Office of the State Engineer Point of Diversion Summary

|                                |            |                                                                          |        |                               |     |                  |     |                       |                                                                                            |
|--------------------------------|------------|--------------------------------------------------------------------------|--------|-------------------------------|-----|------------------|-----|-----------------------|--------------------------------------------------------------------------------------------|
|                                |            | (quarters are 1=NW 2=NE 3=SW 4=SE)<br>(quarters are smallest to largest) |        |                               |     |                  |     | (NAD83 UTM in meters) |                                                                                            |
| Well Tag                       | POD Number | Q64                                                                      | Q16    | Q4                            | Sec | Tws              | Rng | X                     | Y                                                                                          |
|                                | L 06868    | 1                                                                        | 4      | 3                             | 26  | 18S              | 35E | 647026                | 3620666*  |
| Driller License: 46            |            | Driller Company:                                                         |        | ABBOTT BROTHERS COMPANY       |     |                  |     |                       |                                                                                            |
| Driller Name:                  |            |                                                                          |        |                               |     |                  |     |                       |                                                                                            |
| Drill Start Date:              | 10/30/1971 | Drill Finish Date:                                                       |        | 11/01/1971                    |     | Plug Date:       |     | 08/21/1972            |                                                                                            |
| Log File Date:                 | 11/03/1971 | PCW Rcv Date:                                                            |        |                               |     | Source:          |     | Shallow               |                                                                                            |
| Pump Type:                     |            | Pipe Discharge Size:                                                     |        |                               |     | Estimated Yield: |     |                       |                                                                                            |
| Casing Size:                   | 6.63       | Depth Well:                                                              |        | 110 feet                      |     | Depth Water:     |     | 57 feet               |                                                                                            |
| Water Bearing Stratifications: |            | Top                                                                      | Bottom | Description                   |     |                  |     |                       |                                                                                            |
|                                |            | 57                                                                       | 110    | Sandstone/Gravel/Conglomerate |     |                  |     |                       |                                                                                            |
| Casing Perforations:           |            | Top                                                                      | Bottom |                               |     |                  |     |                       |                                                                                            |
|                                |            | 68                                                                       | 110    |                               |     |                  |     |                       |                                                                                            |

\*UTM location was derived from PLSS - see Help

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POINT OF DIVERSION SUMMARY



## New Mexico Office of the State Engineer Point of Diversion Summary

|                 |                   |                                                                          |            |           |            |            |            |                       |          |
|-----------------|-------------------|--------------------------------------------------------------------------|------------|-----------|------------|------------|------------|-----------------------|----------|
|                 |                   | (quarters are 1=NW 2=NE 3=SW 4=SE)<br>(quarters are smallest to largest) |            |           |            |            |            | (NAD83 UTM in meters) |          |
| <b>Well Tag</b> | <b>POD Number</b> | <b>Q64</b>                                                               | <b>Q16</b> | <b>Q4</b> | <b>Sec</b> | <b>Tws</b> | <b>Rng</b> | <b>X</b>              | <b>Y</b> |
| L               | 09524             | 1                                                                        | 4          | 35        | 18S        | 35E        |            | 647552                | 3619364* |

---

|                                     |                                                     |
|-------------------------------------|-----------------------------------------------------|
| <b>Driller License:</b> 882         | <b>Driller Company:</b> LARRY'S DRILLING & PUMP CO. |
| <b>Driller Name:</b> FELKINS, LARRY |                                                     |

|                                     |                                      |                                 |
|-------------------------------------|--------------------------------------|---------------------------------|
| <b>Drill Start Date:</b> 07/13/1984 | <b>Drill Finish Date:</b> 07/13/1984 | <b>Plug Date:</b> 08/08/1985    |
| <b>Log File Date:</b> 07/23/1984    | <b>PCW Rcv Date:</b>                 | <b>Source:</b> Shallow          |
| <b>Pump Type:</b>                   | <b>Pipe Discharge Size:</b>          | <b>Estimated Yield:</b> 100 GPM |
| <b>Casing Size:</b> 6.63            | <b>Depth Well:</b> 140 feet          | <b>Depth Water:</b> 57 feet     |

---

|                                       |            |               |                    |
|---------------------------------------|------------|---------------|--------------------|
| <b>Water Bearing Stratifications:</b> | <b>Top</b> | <b>Bottom</b> | <b>Description</b> |
|                                       | 60         | 140           | Other/Unknown      |

---

|                             |            |               |
|-----------------------------|------------|---------------|
| <b>Casing Perforations:</b> | <b>Top</b> | <b>Bottom</b> |
|                             | 120        | 140           |

\*UTM location was derived from PLSS - see Help

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POINT OF DIVERSION SUMMARY



## New Mexico Office of the State Engineer Point of Diversion Summary

|                                        |                   |                                                                          |            |            |               |                               |            |            |          |
|----------------------------------------|-------------------|--------------------------------------------------------------------------|------------|------------|---------------|-------------------------------|------------|------------|----------|
|                                        |                   | (quarters are 1=NW 2=NE 3=SW 4=SE)<br>(quarters are smallest to largest) |            |            |               | (NAD83 UTM in meters)         |            |            |          |
| <b>Well Tag</b>                        | <b>POD Number</b> | <b>Q64</b>                                                               | <b>Q16</b> | <b>Q4</b>  | <b>Sec</b>    | <b>Tws</b>                    | <b>Rng</b> | <b>X</b>   | <b>Y</b> |
| L                                      | 03678             |                                                                          |            |            | 35            | 18S                           | 35E        | 647354     | 3619554* |
|                                        |                   |                                                                          |            |            |               |                               |            |            |          |
| <b>Driller License:</b> 99             |                   | <b>Driller Company:</b> O.R. MUSSELWHITE WATER WELL SE                   |            |            |               |                               |            |            |          |
| <b>Driller Name:</b> MUSSELWHITE, O.R. |                   |                                                                          |            |            |               |                               |            |            |          |
| <b>Drill Start Date:</b> 09/17/1957    |                   | <b>Drill Finish Date:</b>                                                |            | 09/18/1957 |               | <b>Plug Date:</b>             |            | 09/30/1962 |          |
| <b>Log File Date:</b> 09/24/1957       |                   | <b>PCW Rcv Date:</b>                                                     |            |            |               | <b>Source:</b>                |            | Shallow    |          |
| <b>Pump Type:</b>                      |                   | <b>Pipe Discharge Size:</b>                                              |            |            |               | <b>Estimated Yield:</b>       |            |            |          |
| <b>Casing Size:</b> 6.00               |                   | <b>Depth Well:</b>                                                       |            | 115 feet   |               | <b>Depth Water:</b>           |            | 60 feet    |          |
|                                        |                   |                                                                          |            |            |               |                               |            |            |          |
| <b>Water Bearing Stratifications:</b>  |                   |                                                                          |            | <b>Top</b> | <b>Bottom</b> | <b>Description</b>            |            |            |          |
|                                        |                   |                                                                          |            | 70         | 110           | Sandstone/Gravel/Conglomerate |            |            |          |
|                                        |                   |                                                                          |            |            |               |                               |            |            |          |
| <b>Casing Perforations:</b>            |                   |                                                                          |            | <b>Top</b> | <b>Bottom</b> |                               |            |            |          |
|                                        |                   |                                                                          |            | 75         | 115           |                               |            |            |          |
|                                        |                   |                                                                          |            |            |               |                               |            |            |          |

\*UTM location was derived from PLSS - see Help

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POINT OF DIVERSION SUMMARY



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site\_no list =

- 324205103253101

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USGS 324205103253101 18S.35E.35.23143

Lea County, New Mexico  
Latitude 32°42'05", Longitude 103°25'31" NAD27  
Land-surface elevation 3,865 feet above NAVD88  
The depth of the well is 115 feet below land surface.  
This well is completed in the High Plains aquifer (N100HGHLN) national aquifer.  
This well is completed in the Ogallala Formation (121OGLL) local aquifer.

Output formats

Table of data

Tab-separated data

Graph of data

Reselect period

| Date       | Time | Water-level date-time accuracy | Parameter code | Water level, feet below land surface | Water level, feet above specific vertical datum | Referenced vertical datum | Status | Method of measurement | Measuring agency | Source of measurement | Water-level approval status |
|------------|------|--------------------------------|----------------|--------------------------------------|-------------------------------------------------|---------------------------|--------|-----------------------|------------------|-----------------------|-----------------------------|
| 1961-03-23 |      | D                              | 62610          |                                      | 3805.98                                         | NGVD29                    | 1      | Z                     |                  |                       | A                           |
| 1961-03-23 |      | D                              | 62611          |                                      | 3807.55                                         | NAVD88                    | 1      | Z                     |                  |                       | A                           |
| 1961-03-23 |      | D                              | 72019          | 57.45                                |                                                 |                           | 1      | Z                     |                  |                       | A                           |
| 1966-03-18 |      | D                              | 62610          |                                      | 3805.64                                         | NGVD29                    | 1      | Z                     |                  |                       | A                           |
| 1966-03-18 |      | D                              | 62611          |                                      | 3807.21                                         | NAVD88                    | 1      | Z                     |                  |                       | A                           |
| 1966-03-18 |      | D                              | 72019          | 57.79                                |                                                 |                           | 1      | Z                     |                  |                       | A                           |
| 1971-01-20 |      | D                              | 62610          |                                      | 3807.11                                         | NGVD29                    | 1      | Z                     |                  |                       | A                           |
| 1971-01-20 |      | D                              | 62611          |                                      | 3808.68                                         | NAVD88                    | 1      | Z                     |                  |                       | A                           |
| 1971-01-20 |      | D                              | 72019          | 56.32                                |                                                 |                           | 1      | Z                     |                  |                       | A                           |
| 1976-02-10 |      | D                              | 62610          |                                      | 3805.88                                         | NGVD29                    | 1      | Z                     |                  |                       | A                           |
| 1976-02-10 |      | D                              | 62611          |                                      | 3807.45                                         | NAVD88                    | 1      | Z                     |                  |                       | A                           |
| 1976-02-10 |      | D                              | 72019          | 57.55                                |                                                 |                           | 1      | Z                     |                  |                       | A                           |

| Explanation                    |        |                                               |
|--------------------------------|--------|-----------------------------------------------|
| Section                        | Code   | Description                                   |
| Water-level date-time accuracy | D      | Date is accurate to the Day                   |
| Parameter code                 | 62610  | Groundwater level above NGVD 1929, feet       |
| Parameter code                 | 62611  | Groundwater level above NAVD 1988, feet       |
| Parameter code                 | 72019  | Depth to water level, feet below land surface |
| Referenced vertical datum      | NAVD88 | North American Vertical Datum of 1988         |
| Referenced vertical datum      | NGVD29 | National Geodetic Vertical Datum of 1929      |
| Status                         | 1      | Static                                        |
| Method of measurement          | Z      | Other.                                        |

| Section                     | Code | Description                                                  |
|-----------------------------|------|--------------------------------------------------------------|
| Measuring agency            |      | Not determined                                               |
| Source of measurement       |      | Not determined                                               |
| Water-level approval status | A    | Approved for publication -- Processing and review completed. |

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**C-141**

---

|                |  |
|----------------|--|
| Incident ID    |  |
| 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: \_\_\_\_\_ Title: \_\_\_\_\_

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

email: \_\_\_\_\_ Telephone: \_\_\_\_\_

**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: \_\_\_\_\_ Date: \_\_\_\_\_

Printed Name: \_\_\_\_\_ Title: \_\_\_\_\_

## **Laboratory Reports and Chain-of-Custody Documents**

---



## Environment Testing America

### ANALYTICAL REPORT

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

Laboratory Job ID: 880-19018-1

Laboratory Sample Delivery Group: Lea Co, NM  
Client Project/Site: South Vaccum Unit 354

For:

NT Global  
701 Tradewinds Blvd  
Midland, Texas 79706

Attn: Gordon Banks

A handwritten signature in black ink that reads "Jessica Kramer".

Authorized for release by:

9/21/2022 5:14:33 PM

Jessica Kramer, Project Manager  
(432)704-5440

[Jessica.Kramer@et.eurofinsus.com](mailto:Jessica.Kramer@et.eurofinsus.com)

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results through



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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: South Vaccum Unit 354

Laboratory Job ID: 880-19018-1  
SDG: Lea Co, NM

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## Definitions/Glossary

Client: NT Global  
Project/Site: South Vacuum Unit 354

Job ID: 880-19018-1  
SDG: Lea Co, NM

## Qualifiers

## GC VOA

| Qualifier | Qualifier Description                                    |
|-----------|----------------------------------------------------------|
| F1        | MS and/or MSD recovery exceeds control limits.           |
| F2        | MS/MSD RPD exceeds control limits                        |
| U         | Indicates the analyte was analyzed for but not detected. |

## GC Semi VOA

| Qualifier | Qualifier Description                                    |
|-----------|----------------------------------------------------------|
| S1-       | Surrogate recovery exceeds control limits, low biased.   |
| S1+       | Surrogate recovery exceeds control limits, high biased.  |
| U         | Indicates the analyte was analyzed for but not detected. |

## HPLC/IC

| Qualifier | Qualifier Description                                    |
|-----------|----------------------------------------------------------|
| 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: South Vacuum Unit 354

Job ID: 880-19018-1  
SDG: Lea Co, NM

**Job ID: 880-19018-1**

**Laboratory: Eurofins Midland**

**Narrative**

**Job Narrative**  
**880-19018-1**

**Receipt**

The samples were received on 9/8/2022 5:09 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 5.5°C

**GC VOA**

Method 8021B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries and precision for preparation batch 880-34858 and analytical batch 880-34895 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**

Method 8015MOD\_NM: Surrogate recovery for the following sample was outside control limits: CS-23 (2.5') (880-19018-2). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

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

**HPLC/IC**

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: South Vacuum Unit 354

Job ID: 880-19018-1  
SDG: Lea Co, NM

Client Sample ID: CS-3 (2.5')

Lab Sample ID: 880-19018-1

Date Collected: 09/08/22 00:00

Matrix: Solid

Date Received: 09/08/22 17:09

## 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 |   | 09/19/22 15:06 | 09/21/22 07:44 | 1       |
| Toluene             | <0.00198 | U         | 0.00198 |     | mg/Kg |   | 09/19/22 15:06 | 09/21/22 07:44 | 1       |
| Ethylbenzene        | <0.00198 | U         | 0.00198 |     | mg/Kg |   | 09/19/22 15:06 | 09/21/22 07:44 | 1       |
| m-Xylene & p-Xylene | <0.00397 | U         | 0.00397 |     | mg/Kg |   | 09/19/22 15:06 | 09/21/22 07:44 | 1       |
| o-Xylene            | <0.00198 | U         | 0.00198 |     | mg/Kg |   | 09/19/22 15:06 | 09/21/22 07:44 | 1       |
| Xylenes, Total      | <0.00397 | U         | 0.00397 |     | mg/Kg |   | 09/19/22 15:06 | 09/21/22 07:44 | 1       |

| Surrogate                   | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 4-Bromofluorobenzene (Surr) | 99        |           | 70 - 130 | 09/19/22 15:06 | 09/21/22 07:44 | 1       |
| 1,4-Difluorobenzene (Surr)  | 110       |           | 70 - 130 | 09/19/22 15:06 | 09/21/22 07:44 | 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 |   |          | 09/21/22 15:17 | 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 |   |          | 09/12/22 11:29 | 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 | <50.0  | U         | 50.0 |     | mg/Kg |   | 09/10/22 08:45 | 09/10/22 16:58 | 1       |
| Diesel Range Organics (Over C10-C28) | <50.0  | U         | 50.0 |     | mg/Kg |   | 09/10/22 08:45 | 09/10/22 16:58 | 1       |
| Oil Range Organics (Over C28-C36)    | <50.0  | U         | 50.0 |     | mg/Kg |   | 09/10/22 08:45 | 09/10/22 16:58 | 1       |

| Surrogate      | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|----------------|-----------|-----------|----------|----------------|----------------|---------|
| 1-Chlorooctane | 71        |           | 70 - 130 | 09/10/22 08:45 | 09/10/22 16:58 | 1       |
| o-Terphenyl    | 78        |           | 70 - 130 | 09/10/22 08:45 | 09/10/22 16:58 | 1       |

## Method: 300.0 - Anions, Ion Chromatography - Soluble

| Analyte  | Result | Qualifier | RL   | MDL | Unit  | D | Prepared | Analyzed       | Dil Fac |
|----------|--------|-----------|------|-----|-------|---|----------|----------------|---------|
| Chloride | 189    |           | 4.97 |     | mg/Kg |   |          | 09/13/22 06:05 | 1       |

Client Sample ID: CS-23 (2.5')

Lab Sample ID: 880-19018-2

Date Collected: 09/08/22 00:00

Matrix: Solid

Date Received: 09/08/22 17:09

## 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 |   | 09/19/22 15:06 | 09/21/22 08:04 | 1       |
| Toluene             | <0.00199 | U         | 0.00199 |     | mg/Kg |   | 09/19/22 15:06 | 09/21/22 08:04 | 1       |
| Ethylbenzene        | <0.00199 | U         | 0.00199 |     | mg/Kg |   | 09/19/22 15:06 | 09/21/22 08:04 | 1       |
| m-Xylene & p-Xylene | <0.00398 | U         | 0.00398 |     | mg/Kg |   | 09/19/22 15:06 | 09/21/22 08:04 | 1       |
| o-Xylene            | <0.00199 | U         | 0.00199 |     | mg/Kg |   | 09/19/22 15:06 | 09/21/22 08:04 | 1       |
| Xylenes, Total      | <0.00398 | U         | 0.00398 |     | mg/Kg |   | 09/19/22 15:06 | 09/21/22 08:04 | 1       |

| Surrogate                   | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 4-Bromofluorobenzene (Surr) | 94        |           | 70 - 130 | 09/19/22 15:06 | 09/21/22 08:04 | 1       |
| 1,4-Difluorobenzene (Surr)  | 112       |           | 70 - 130 | 09/19/22 15:06 | 09/21/22 08:04 | 1       |

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## Client Sample Results

Client: NT Global  
Project/Site: South Vaccum Unit 354

Job ID: 880-19018-1  
SDG: Lea Co, NM

Client Sample ID: CS-23 (2.5')

Lab Sample ID: 880-19018-2

Date Collected: 09/08/22 00:00

Matrix: Solid

Date Received: 09/08/22 17:09

## 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 |   |          | 09/21/22 15:17 | 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 |   |          | 09/12/22 11:29 | 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 | <49.9     | U         | 49.9     |     | mg/Kg |   | 09/10/22 08:45 | 09/10/22 17:20 | 1       |
| Diesel Range Organics (Over C10-C28) | <49.9     | U         | 49.9     |     | mg/Kg |   | 09/10/22 08:45 | 09/10/22 17:20 | 1       |
| Oil Range Organics (Over C28-C36)    | <49.9     | U         | 49.9     |     | mg/Kg |   | 09/10/22 08:45 | 09/10/22 17:20 | 1       |
| Surrogate                            | %Recovery | Qualifier | Limits   |     |       |   | Prepared       | Analyzed       | Dil Fac |
| 1-Chlorooctane                       | 50        | S1-       | 70 - 130 |     |       |   | 09/10/22 08:45 | 09/10/22 17:20 | 1       |
| o-Terphenyl                          | 47        | S1-       | 70 - 130 |     |       |   | 09/10/22 08:45 | 09/10/22 17:20 | 1       |

## Method: 300.0 - Anions, Ion Chromatography - Soluble

| Analyte  | Result | Qualifier | RL   | MDL | Unit  | D | Prepared | Analyzed       | Dil Fac |
|----------|--------|-----------|------|-----|-------|---|----------|----------------|---------|
| Chloride | 124    |           | 5.03 |     | mg/Kg |   |          | 09/13/22 06:10 | 1       |

## Surrogate Summary

Client: NT Global  
Project/Site: South Vacuum Unit 354

Job ID: 880-19018-1  
SDG: Lea 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<br>(70-130)                               | DFBZ1<br>(70-130) |
| 880-19018-1                       | CS-3 (2.5')            | 99                                             | 110               |
| 880-19018-2                       | CS-23 (2.5')           | 94                                             | 112               |
| 880-19019-A-1-E MS                | Matrix Spike           | 117                                            | 114               |
| 880-19019-A-1-F MSD               | Matrix Spike Duplicate | 92                                             | 112               |
| LCS 880-34858/1-A                 | Lab Control Sample     | 91                                             | 102               |
| LCSD 880-34858/2-A                | Lab Control Sample Dup | 94                                             | 103               |
| MB 880-34692/5-A                  | Method Blank           | 102                                            | 116               |
| MB 880-34858/5-A                  | Method Blank           | 104                                            | 116               |
| <b>Surrogate Legend</b>           |                        |                                                |                   |
| 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<br>(70-130)                               | OTPH1<br>(70-130) |
| 880-19018-1             | CS-3 (2.5')            | 71                                             | 78                |
| 880-19018-2             | CS-23 (2.5')           | 50 S1-                                         | 47 S1-            |
| 890-2894-A-1-C MS       | Matrix Spike           | 89                                             | 93                |
| 890-2894-A-1-D MSD      | Matrix Spike Duplicate | 89                                             | 91                |
| LCS 880-34144/2-A       | Lab Control Sample     | 116                                            | 133 S1+           |
| LCSD 880-34144/3-A      | Lab Control Sample Dup | 114                                            | 132 S1+           |
| MB 880-34144/1-A        | Method Blank           | 96                                             | 108               |
| <b>Surrogate Legend</b> |                        |                                                |                   |
| 1CO = 1-Chlorooctane    |                        |                                                |                   |
| OTPH = o-Terphenyl      |                        |                                                |                   |

## QC Sample Results

Client: NT Global  
Project/Site: South Vacuum Unit 354

Job ID: 880-19018-1  
SDG: Lea Co, NM

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

Lab Sample ID: MB 880-34692/5-A

Matrix: Solid

Analysis Batch: 34895

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 34692

| Analyte             | MB Result | MB Qualifier | RL      | MDL | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|---------------------|-----------|--------------|---------|-----|-------|---|----------------|----------------|---------|
| Benzene             | <0.00200  | U            | 0.00200 |     | mg/Kg |   | 09/16/22 16:15 | 09/20/22 17:37 | 1       |
| Toluene             | <0.00200  | U            | 0.00200 |     | mg/Kg |   | 09/16/22 16:15 | 09/20/22 17:37 | 1       |
| Ethylbenzene        | <0.00200  | U            | 0.00200 |     | mg/Kg |   | 09/16/22 16:15 | 09/20/22 17:37 | 1       |
| m-Xylene & p-Xylene | <0.00400  | U            | 0.00400 |     | mg/Kg |   | 09/16/22 16:15 | 09/20/22 17:37 | 1       |
| o-Xylene            | <0.00200  | U            | 0.00200 |     | mg/Kg |   | 09/16/22 16:15 | 09/20/22 17:37 | 1       |
| Xylenes, Total      | <0.00400  | U            | 0.00400 |     | mg/Kg |   | 09/16/22 16:15 | 09/20/22 17:37 | 1       |

| Surrogate                   | MB %Recovery | MB Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|--------------|--------------|----------|----------------|----------------|---------|
| 4-Bromofluorobenzene (Surr) | 102          |              | 70 - 130 | 09/16/22 16:15 | 09/20/22 17:37 | 1       |
| 1,4-Difluorobenzene (Surr)  | 116          |              | 70 - 130 | 09/16/22 16:15 | 09/20/22 17:37 | 1       |

Lab Sample ID: MB 880-34858/5-A

Matrix: Solid

Analysis Batch: 34895

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 34858

| Analyte             | MB Result | MB Qualifier | RL      | MDL | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|---------------------|-----------|--------------|---------|-----|-------|---|----------------|----------------|---------|
| Benzene             | <0.00200  | U            | 0.00200 |     | mg/Kg |   | 09/19/22 15:06 | 09/21/22 05:13 | 1       |
| Toluene             | <0.00200  | U            | 0.00200 |     | mg/Kg |   | 09/19/22 15:06 | 09/21/22 05:13 | 1       |
| Ethylbenzene        | <0.00200  | U            | 0.00200 |     | mg/Kg |   | 09/19/22 15:06 | 09/21/22 05:13 | 1       |
| m-Xylene & p-Xylene | <0.00400  | U            | 0.00400 |     | mg/Kg |   | 09/19/22 15:06 | 09/21/22 05:13 | 1       |
| o-Xylene            | <0.00200  | U            | 0.00200 |     | mg/Kg |   | 09/19/22 15:06 | 09/21/22 05:13 | 1       |
| Xylenes, Total      | <0.00400  | U            | 0.00400 |     | mg/Kg |   | 09/19/22 15:06 | 09/21/22 05:13 | 1       |

| Surrogate                   | MB %Recovery | MB Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|--------------|--------------|----------|----------------|----------------|---------|
| 4-Bromofluorobenzene (Surr) | 104          |              | 70 - 130 | 09/19/22 15:06 | 09/21/22 05:13 | 1       |
| 1,4-Difluorobenzene (Surr)  | 116          |              | 70 - 130 | 09/19/22 15:06 | 09/21/22 05:13 | 1       |

Lab Sample ID: LCS 880-34858/1-A

Matrix: Solid

Analysis Batch: 34895

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 34858

| Analyte             | Spike Added | LCS Result | LCS Qualifier | Unit  | D | %Rec | %Rec Limits |
|---------------------|-------------|------------|---------------|-------|---|------|-------------|
| Benzene             | 0.100       | 0.09802    |               | mg/Kg |   | 98   | 70 - 130    |
| Toluene             | 0.100       | 0.08583    |               | mg/Kg |   | 86   | 70 - 130    |
| Ethylbenzene        | 0.100       | 0.08534    |               | mg/Kg |   | 85   | 70 - 130    |
| m-Xylene & p-Xylene | 0.200       | 0.1780     |               | mg/Kg |   | 89   | 70 - 130    |
| o-Xylene            | 0.100       | 0.08903    |               | mg/Kg |   | 89   | 70 - 130    |

| Surrogate                   | LCS %Recovery | LCS Qualifier | Limits   |
|-----------------------------|---------------|---------------|----------|
| 4-Bromofluorobenzene (Surr) | 91            |               | 70 - 130 |
| 1,4-Difluorobenzene (Surr)  | 102           |               | 70 - 130 |

Lab Sample ID: LCSD 880-34858/2-A

Matrix: Solid

Analysis Batch: 34895

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 34858

| Analyte | Spike Added | LCSD Result | LCSD Qualifier | Unit  | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---------|-------------|-------------|----------------|-------|---|------|-------------|-----|-----------|
| Benzene | 0.100       | 0.09393     |                | mg/Kg |   | 94   | 70 - 130    | 4   | 35        |

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## QC Sample Results

Client: NT Global  
Project/Site: South Vacuum Unit 354

Job ID: 880-19018-1  
SDG: Lea Co, NM

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

Lab Sample ID: LCSD 880-34858/2-A

Matrix: Solid

Analysis Batch: 34895

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 34858

| Analyte             | Spike Added | LCSD Result | LCSD Qualifier | Unit  | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---------------------|-------------|-------------|----------------|-------|---|------|-------------|-----|-----------|
| Toluene             | 0.100       | 0.08451     |                | mg/Kg |   | 85   | 70 - 130    | 2   | 35        |
| Ethylbenzene        | 0.100       | 0.08316     |                | mg/Kg |   | 83   | 70 - 130    | 3   | 35        |
| m-Xylene & p-Xylene | 0.200       | 0.1731      |                | mg/Kg |   | 87   | 70 - 130    | 3   | 35        |
| o-Xylene            | 0.100       | 0.08797     |                | mg/Kg |   | 88   | 70 - 130    | 1   | 35        |

| Surrogate                   | LCSD %Recovery | LCSD Qualifier | Limits   |
|-----------------------------|----------------|----------------|----------|
| 4-Bromofluorobenzene (Surr) | 94             |                | 70 - 130 |
| 1,4-Difluorobenzene (Surr)  | 103            |                | 70 - 130 |

Lab Sample ID: 880-19019-A-1-E MS

Matrix: Solid

Analysis Batch: 34895

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 34858

| Analyte             | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit  | D | %Rec | %Rec Limits |
|---------------------|---------------|------------------|-------------|-----------|--------------|-------|---|------|-------------|
| Benzene             | <0.00201      | U F2 F1          | 0.0998      | 0.04876   | F1           | mg/Kg |   | 49   | 70 - 130    |
| Toluene             | <0.00201      | U F2 F1          | 0.0998      | 0.04594   | F1           | mg/Kg |   | 46   | 70 - 130    |
| Ethylbenzene        | <0.00201      | U F2 F1          | 0.0998      | 0.04536   | F1           | mg/Kg |   | 45   | 70 - 130    |
| m-Xylene & p-Xylene | <0.00402      | U F2 F1          | 0.200       | 0.09537   | F1           | mg/Kg |   | 48   | 70 - 130    |
| o-Xylene            | <0.00201      | U F2 F1          | 0.0998      | 0.05511   | F1           | mg/Kg |   | 55   | 70 - 130    |

| Surrogate                   | MS %Recovery | MS Qualifier | Limits   |
|-----------------------------|--------------|--------------|----------|
| 4-Bromofluorobenzene (Surr) | 117          |              | 70 - 130 |
| 1,4-Difluorobenzene (Surr)  | 114          |              | 70 - 130 |

Lab Sample ID: 880-19019-A-1-F MSD

Matrix: Solid

Analysis Batch: 34895

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 34858

| Analyte             | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit  | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---------------------|---------------|------------------|-------------|------------|---------------|-------|---|------|-------------|-----|-----------|
| Benzene             | <0.00201      | U F2 F1          | 0.0990      | 0.1026     | F2            | mg/Kg |   | 104  | 70 - 130    | 71  | 35        |
| Toluene             | <0.00201      | U F2 F1          | 0.0990      | 0.08240    | F2            | mg/Kg |   | 83   | 70 - 130    | 57  | 35        |
| Ethylbenzene        | <0.00201      | U F2 F1          | 0.0990      | 0.07768    | F2            | mg/Kg |   | 78   | 70 - 130    | 53  | 35        |
| m-Xylene & p-Xylene | <0.00402      | U F2 F1          | 0.198       | 0.1614     | F2            | mg/Kg |   | 82   | 70 - 130    | 51  | 35        |
| o-Xylene            | <0.00201      | U F2 F1          | 0.0990      | 0.08266    | F2            | mg/Kg |   | 83   | 70 - 130    | 40  | 35        |

| Surrogate                   | MSD %Recovery | MSD Qualifier | Limits   |
|-----------------------------|---------------|---------------|----------|
| 4-Bromofluorobenzene (Surr) | 92            |               | 70 - 130 |
| 1,4-Difluorobenzene (Surr)  | 112           |               | 70 - 130 |

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

Lab Sample ID: MB 880-34144/1-A

Matrix: Solid

Analysis Batch: 34141

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 34144

| 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 |   | 09/10/22 08:45 | 09/10/22 10:04 | 1       |

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## QC Sample Results

Client: NT Global  
Project/Site: South Vacuum Unit 354

Job ID: 880-19018-1  
SDG: Lea Co, NM

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

Lab Sample ID: MB 880-34144/1-A

Matrix: Solid

Analysis Batch: 34141

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 34144

| Analyte                              | MB<br>Result    | MB<br>Qualifier | RL       | MDL | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|--------------------------------------|-----------------|-----------------|----------|-----|-------|---|----------------|----------------|---------|
| Diesel Range Organics (Over C10-C28) | <50.0           | U               | 50.0     |     | mg/Kg |   | 09/10/22 08:45 | 09/10/22 10:04 | 1       |
| Oil Range Organics (Over C28-C36)    | <50.0           | U               | 50.0     |     | mg/Kg |   | 09/10/22 08:45 | 09/10/22 10:04 | 1       |
| Surrogate                            | MB<br>%Recovery | MB<br>Qualifier | Limits   |     |       |   | Prepared       | Analyzed       | Dil Fac |
| 1-Chlorooctane                       | 96              |                 | 70 - 130 |     |       |   | 09/10/22 08:45 | 09/10/22 10:04 | 1       |
| o-Terphenyl                          | 108             |                 | 70 - 130 |     |       |   | 09/10/22 08:45 | 09/10/22 10:04 | 1       |

Lab Sample ID: LCS 880-34144/2-A

Matrix: Solid

Analysis Batch: 34141

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 34144

| Analyte                              | Spike<br>Added   | LCS<br>Result    | LCS<br>Qualifier | Unit  | D | %Rec | %Rec<br>Limits |
|--------------------------------------|------------------|------------------|------------------|-------|---|------|----------------|
| Gasoline Range Organics (GRO)-C6-C10 | 1000             | 819.2            |                  | mg/Kg |   | 82   | 70 - 130       |
| Diesel Range Organics (Over C10-C28) | 1000             | 765.4            |                  | mg/Kg |   | 77   | 70 - 130       |
| Surrogate                            | LCS<br>%Recovery | LCS<br>Qualifier | Limits           |       |   |      |                |
| 1-Chlorooctane                       | 116              |                  | 70 - 130         |       |   |      |                |
| o-Terphenyl                          | 133              | S1+              | 70 - 130         |       |   |      |                |

Lab Sample ID: LCSD 880-34144/3-A

Matrix: Solid

Analysis Batch: 34141

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 34144

| Analyte                              | Spike<br>Added    | LCSD<br>Result    | LCSD<br>Qualifier | Unit  | D | %Rec | %Rec<br>Limits | RPD | RPD<br>Limit |
|--------------------------------------|-------------------|-------------------|-------------------|-------|---|------|----------------|-----|--------------|
| Gasoline Range Organics (GRO)-C6-C10 | 1000              | 844.5             |                   | mg/Kg |   | 84   | 70 - 130       | 3   | 20           |
| Diesel Range Organics (Over C10-C28) | 1000              | 758.8             |                   | mg/Kg |   | 76   | 70 - 130       | 1   | 20           |
| Surrogate                            | LCSD<br>%Recovery | LCSD<br>Qualifier | Limits            |       |   |      |                |     |              |
| 1-Chlorooctane                       | 114               |                   | 70 - 130          |       |   |      |                |     |              |
| o-Terphenyl                          | 132               | S1+               | 70 - 130          |       |   |      |                |     |              |

Lab Sample ID: 890-2894-A-1-C MS

Matrix: Solid

Analysis Batch: 34141

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 34144

| Analyte                              | Sample<br>Result | Sample<br>Qualifier | Spike<br>Added | MS<br>Result | MS<br>Qualifier | Unit  | D | %Rec | %Rec<br>Limits |
|--------------------------------------|------------------|---------------------|----------------|--------------|-----------------|-------|---|------|----------------|
| Gasoline Range Organics (GRO)-C6-C10 | <49.9            | U                   | 997            | 899.6        |                 | mg/Kg |   | 88   | 70 - 130       |
| Diesel Range Organics (Over C10-C28) | <49.9            | U                   | 997            | 730.7        |                 | mg/Kg |   | 70   | 70 - 130       |
| Surrogate                            | MS<br>%Recovery  | MS<br>Qualifier     | Limits         |              |                 |       |   |      |                |
| 1-Chlorooctane                       | 89               |                     | 70 - 130       |              |                 |       |   |      |                |
| o-Terphenyl                          | 93               |                     | 70 - 130       |              |                 |       |   |      |                |

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## QC Sample Results

Client: NT Global  
Project/Site: South Vaccum Unit 354

Job ID: 880-19018-1  
SDG: Lea Co, NM

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

Lab Sample ID: 890-2894-A-1-D MSD

Matrix: Solid

Analysis Batch: 34141

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 34144

| Analyte                              | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit  | D | %Rec | %Rec Limits | RPD | RPD Limit |
|--------------------------------------|---------------|------------------|-------------|------------|---------------|-------|---|------|-------------|-----|-----------|
| Gasoline Range Organics (GRO)-C6-C10 | <49.9         | U                | 998         | 878.0      |               | mg/Kg |   | 86   | 70 - 130    | 2   | 20        |
| Diesel Range Organics (Over C10-C28) | <49.9         | U                | 998         | 733.6      |               | mg/Kg |   | 70   | 70 - 130    | 0   | 20        |
| Surrogate                            | MSD %Recovery | MSD Qualifier    | Limits      |            |               |       |   |      |             |     |           |
| 1-Chlorooctane                       | 89            |                  | 70 - 130    |            |               |       |   |      |             |     |           |
| o-Terphenyl                          | 91            |                  | 70 - 130    |            |               |       |   |      |             |     |           |

## Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-34057/1-A

Matrix: Solid

Analysis Batch: 34315

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 |   |          | 09/13/22 04:47 | 1       |

Lab Sample ID: LCS 880-34057/2-A

Matrix: Solid

Analysis Batch: 34315

Client Sample ID: Lab Control Sample

Prep Type: Soluble

| Analyte  | Spike Added | LCS Result | LCS Qualifier | Unit  | D | %Rec | %Rec Limits |
|----------|-------------|------------|---------------|-------|---|------|-------------|
| Chloride | 250         | 242.0      |               | mg/Kg |   | 97   | 90 - 110    |

Lab Sample ID: LCSD 880-34057/3-A

Matrix: Solid

Analysis Batch: 34315

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         | 242.5       |                | mg/Kg |   | 97   | 90 - 110    | 0   | 20        |

Lab Sample ID: 880-19018-2 MS

Matrix: Solid

Analysis Batch: 34315

Client Sample ID: CS-23 (2.5')

Prep Type: Soluble

| Analyte  | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit  | D | %Rec | %Rec Limits |
|----------|---------------|------------------|-------------|-----------|--------------|-------|---|------|-------------|
| Chloride | 124           |                  | 250         | 367.9     |              | mg/Kg |   | 98   | 90 - 110    |

Lab Sample ID: 880-19018-2 MSD

Matrix: Solid

Analysis Batch: 34315

Client Sample ID: CS-23 (2.5')

Prep Type: Soluble

| Analyte  | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit  | D | %Rec | %Rec Limits | RPD | RPD Limit |
|----------|---------------|------------------|-------------|------------|---------------|-------|---|------|-------------|-----|-----------|
| Chloride | 124           |                  | 250         | 367.8      |               | mg/Kg |   | 98   | 90 - 110    | 0   | 20        |

Eurofins Midland

## QC Association Summary

Client: NT Global  
Project/Site: South Vaccum Unit 354

Job ID: 880-19018-1  
SDG: Lea Co, NM

## GC VOA

## Prep Batch: 34692

| Lab Sample ID    | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|------------------|------------------|-----------|--------|--------|------------|
| MB 880-34692/5-A | Method Blank     | Total/NA  | Solid  | 5035   |            |

## Prep Batch: 34858

| Lab Sample ID       | Client Sample ID       | Prep Type | Matrix | Method | Prep Batch |
|---------------------|------------------------|-----------|--------|--------|------------|
| 880-19018-1         | CS-3 (2.5')            | Total/NA  | Solid  | 5035   |            |
| 880-19018-2         | CS-23 (2.5')           | Total/NA  | Solid  | 5035   |            |
| MB 880-34858/5-A    | Method Blank           | Total/NA  | Solid  | 5035   |            |
| LCS 880-34858/1-A   | Lab Control Sample     | Total/NA  | Solid  | 5035   |            |
| LCSD 880-34858/2-A  | Lab Control Sample Dup | Total/NA  | Solid  | 5035   |            |
| 880-19019-A-1-E MS  | Matrix Spike           | Total/NA  | Solid  | 5035   |            |
| 880-19019-A-1-F MSD | Matrix Spike Duplicate | Total/NA  | Solid  | 5035   |            |

## Analysis Batch: 34895

| Lab Sample ID       | Client Sample ID       | Prep Type | Matrix | Method | Prep Batch |
|---------------------|------------------------|-----------|--------|--------|------------|
| 880-19018-1         | CS-3 (2.5')            | Total/NA  | Solid  | 8021B  | 34858      |
| 880-19018-2         | CS-23 (2.5')           | Total/NA  | Solid  | 8021B  | 34858      |
| MB 880-34692/5-A    | Method Blank           | Total/NA  | Solid  | 8021B  | 34692      |
| MB 880-34858/5-A    | Method Blank           | Total/NA  | Solid  | 8021B  | 34858      |
| LCS 880-34858/1-A   | Lab Control Sample     | Total/NA  | Solid  | 8021B  | 34858      |
| LCSD 880-34858/2-A  | Lab Control Sample Dup | Total/NA  | Solid  | 8021B  | 34858      |
| 880-19019-A-1-E MS  | Matrix Spike           | Total/NA  | Solid  | 8021B  | 34858      |
| 880-19019-A-1-F MSD | Matrix Spike Duplicate | Total/NA  | Solid  | 8021B  | 34858      |

## Analysis Batch: 35086

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method     | Prep Batch |
|---------------|------------------|-----------|--------|------------|------------|
| 880-19018-1   | CS-3 (2.5')      | Total/NA  | Solid  | Total BTEX |            |
| 880-19018-2   | CS-23 (2.5')     | Total/NA  | Solid  | Total BTEX |            |

## GC Semi VOA

## Analysis Batch: 34141

| Lab Sample ID      | Client Sample ID       | Prep Type | Matrix | Method   | Prep Batch |
|--------------------|------------------------|-----------|--------|----------|------------|
| 880-19018-1        | CS-3 (2.5')            | Total/NA  | Solid  | 8015B NM | 34144      |
| 880-19018-2        | CS-23 (2.5')           | Total/NA  | Solid  | 8015B NM | 34144      |
| MB 880-34144/1-A   | Method Blank           | Total/NA  | Solid  | 8015B NM | 34144      |
| LCS 880-34144/2-A  | Lab Control Sample     | Total/NA  | Solid  | 8015B NM | 34144      |
| LCSD 880-34144/3-A | Lab Control Sample Dup | Total/NA  | Solid  | 8015B NM | 34144      |
| 890-2894-A-1-C MS  | Matrix Spike           | Total/NA  | Solid  | 8015B NM | 34144      |
| 890-2894-A-1-D MSD | Matrix Spike Duplicate | Total/NA  | Solid  | 8015B NM | 34144      |

## Prep Batch: 34144

| Lab Sample ID      | Client Sample ID       | Prep Type | Matrix | Method      | Prep Batch |
|--------------------|------------------------|-----------|--------|-------------|------------|
| 880-19018-1        | CS-3 (2.5')            | Total/NA  | Solid  | 8015NM Prep |            |
| 880-19018-2        | CS-23 (2.5')           | Total/NA  | Solid  | 8015NM Prep |            |
| MB 880-34144/1-A   | Method Blank           | Total/NA  | Solid  | 8015NM Prep |            |
| LCS 880-34144/2-A  | Lab Control Sample     | Total/NA  | Solid  | 8015NM Prep |            |
| LCSD 880-34144/3-A | Lab Control Sample Dup | Total/NA  | Solid  | 8015NM Prep |            |
| 890-2894-A-1-C MS  | Matrix Spike           | Total/NA  | Solid  | 8015NM Prep |            |
| 890-2894-A-1-D MSD | Matrix Spike Duplicate | Total/NA  | Solid  | 8015NM Prep |            |

Eurofins Midland

## QC Association Summary

Client: NT Global  
Project/Site: South Vaccum Unit 354

Job ID: 880-19018-1  
SDG: Lea Co, NM

## GC Semi VOA

## Analysis Batch: 34285

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method  | Prep Batch |
|---------------|------------------|-----------|--------|---------|------------|
| 880-19018-1   | CS-3 (2.5')      | Total/NA  | Solid  | 8015 NM |            |
| 880-19018-2   | CS-23 (2.5')     | Total/NA  | Solid  | 8015 NM |            |

## HPLC/IC

## Leach Batch: 34057

| Lab Sample ID      | Client Sample ID       | Prep Type | Matrix | Method   | Prep Batch |
|--------------------|------------------------|-----------|--------|----------|------------|
| 880-19018-1        | CS-3 (2.5')            | Soluble   | Solid  | DI Leach |            |
| 880-19018-2        | CS-23 (2.5')           | Soluble   | Solid  | DI Leach |            |
| MB 880-34057/1-A   | Method Blank           | Soluble   | Solid  | DI Leach |            |
| LCS 880-34057/2-A  | Lab Control Sample     | Soluble   | Solid  | DI Leach |            |
| LCSD 880-34057/3-A | Lab Control Sample Dup | Soluble   | Solid  | DI Leach |            |
| 880-19018-2 MS     | CS-23 (2.5')           | Soluble   | Solid  | DI Leach |            |
| 880-19018-2 MSD    | CS-23 (2.5')           | Soluble   | Solid  | DI Leach |            |

## Analysis Batch: 34315

| Lab Sample ID      | Client Sample ID       | Prep Type | Matrix | Method | Prep Batch |
|--------------------|------------------------|-----------|--------|--------|------------|
| 880-19018-1        | CS-3 (2.5')            | Soluble   | Solid  | 300.0  | 34057      |
| 880-19018-2        | CS-23 (2.5')           | Soluble   | Solid  | 300.0  | 34057      |
| MB 880-34057/1-A   | Method Blank           | Soluble   | Solid  | 300.0  | 34057      |
| LCS 880-34057/2-A  | Lab Control Sample     | Soluble   | Solid  | 300.0  | 34057      |
| LCSD 880-34057/3-A | Lab Control Sample Dup | Soluble   | Solid  | 300.0  | 34057      |
| 880-19018-2 MS     | CS-23 (2.5')           | Soluble   | Solid  | 300.0  | 34057      |
| 880-19018-2 MSD    | CS-23 (2.5')           | Soluble   | Solid  | 300.0  | 34057      |

## Lab Chronicle

Client: NT Global  
Project/Site: South Vaccum Unit 354

Job ID: 880-19018-1  
SDG: Lea Co, NM

Client Sample ID: CS-3 (2.5')

Lab Sample ID: 880-19018-1

Date Collected: 09/08/22 00:00

Matrix: Solid

Date Received: 09/08/22 17:09

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab     |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Total/NA  | Prep       | 5035         |     |            | 5.04 g         | 5 mL         | 34858        | 09/19/22 15:06       | MR      | EET MID |
| Total/NA  | Analysis   | 8021B        |     | 1          | 5 mL           | 5 mL         | 34895        | 09/21/22 07:44       | MR      | EET MID |
| Total/NA  | Analysis   | Total BTEX   |     | 1          |                |              | 35086        | 09/21/22 15:17       | SM      | EET MID |
| Total/NA  | Analysis   | 8015 NM      |     | 1          |                |              | 34285        | 09/12/22 11:29       | SM      | EET MID |
| Total/NA  | Prep       | 8015NM Prep  |     |            | 10.01 g        | 10 mL        | 34144        | 09/10/22 08:45       | AM      | EET MID |
| Total/NA  | Analysis   | 8015B NM     |     | 1          | 1 uL           | 1 uL         | 34141        | 09/10/22 16:58       | SM      | EET MID |
| Soluble   | Leach      | DI Leach     |     |            | 5.03 g         | 50 mL        | 34057        | 09/09/22 08:53       | KS      | EET MID |
| Soluble   | Analysis   | 300.0        |     | 1          | 50 mL          | 50 mL        | 34315        | 09/13/22 06:05       | CH      | EET MID |

Client Sample ID: CS-23 (2.5')

Lab Sample ID: 880-19018-2

Date Collected: 09/08/22 00:00

Matrix: Solid

Date Received: 09/08/22 17:09

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab     |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Total/NA  | Prep       | 5035         |     |            | 5.03 g         | 5 mL         | 34858        | 09/19/22 15:06       | MR      | EET MID |
| Total/NA  | Analysis   | 8021B        |     | 1          | 5 mL           | 5 mL         | 34895        | 09/21/22 08:04       | MR      | EET MID |
| Total/NA  | Analysis   | Total BTEX   |     | 1          |                |              | 35086        | 09/21/22 15:17       | SM      | EET MID |
| Total/NA  | Analysis   | 8015 NM      |     | 1          |                |              | 34285        | 09/12/22 11:29       | SM      | EET MID |
| Total/NA  | Prep       | 8015NM Prep  |     |            | 10.03 g        | 10 mL        | 34144        | 09/10/22 08:45       | AM      | EET MID |
| Total/NA  | Analysis   | 8015B NM     |     | 1          | 1 uL           | 1 uL         | 34141        | 09/10/22 17:20       | SM      | EET MID |
| Soluble   | Leach      | DI Leach     |     |            | 4.97 g         | 50 mL        | 34057        | 09/09/22 08:53       | KS      | EET MID |
| Soluble   | Analysis   | 300.0        |     | 1          | 50 mL          | 50 mL        | 34315        | 09/13/22 06:10       | CH      | EET MID |

## Laboratory References:

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

Accreditation/Certification Summary

Client: NT Global  
Project/Site: South Vaccum Unit 354

Job ID: 880-19018-1  
SDG: Lea Co, NM

Laboratory: Eurofins Midland

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

| Authority | Program | Identification Number | Expiration Date |
|-----------|---------|-----------------------|-----------------|
| Texas     | NELAP   | T104704400-22-24      | 06-30-23        |

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

| Analysis Method | Prep Method | Matrix | Analyte    |
|-----------------|-------------|--------|------------|
| 8015 NM         |             | Solid  | Total TPH  |
| Total BTEX      |             | Solid  | Total BTEX |

- 1
- 2
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## Method Summary

Client: NT Global  
Project/Site: South Vaccum Unit 354

Job ID: 880-19018-1  
SDG: Lea Co, NM

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

## Protocol References:

ASTM = ASTM International

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:

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

Sample Summary

Client: NT Global  
Project/Site: South Vaccum Unit 354

Job ID: 880-19018-1  
SDG: Lea Co, NM

| Lab Sample ID | Client Sample ID | Matrix | Collected      | Received       |
|---------------|------------------|--------|----------------|----------------|
| 880-19018-1   | CS-3 (2.5')      | Solid  | 09/08/22 00:00 | 09/08/22 17:09 |
| 880-19018-2   | CS-23 (2.5')     | Solid  | 09/08/22 00:00 | 09/08/22 17:09 |

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## Chain of Custody

Work Order No: 19018

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|                 |                     |                        |                     |
|-----------------|---------------------|------------------------|---------------------|
| Project Manager | Gordon Banks        | Bill to (if different) |                     |
| Company Name    | NTG Environmental   | Company Name           |                     |
| Address         | 701 Tradewinds BLVD | Address                |                     |
| City, State ZIP | Midland, TX 79706   | City, State ZIP        |                     |
| Phone           |                     | Email                  | Gbanks@ntglobal.com |

| Work Order Comments |                                                                                                                                                                    |
|---------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Program             | UST/PST <input type="checkbox"/> PRP <input type="checkbox"/> Brownfields <input type="checkbox"/> RRC <input type="checkbox"/> Superfund <input type="checkbox"/> |
| State of Project:   |                                                                                                                                                                    |
| Reporting Level     | II <input type="checkbox"/> Level III <input type="checkbox"/> PST/UST <input type="checkbox"/> TRRP <input type="checkbox"/> Level IV <input type="checkbox"/>    |
| Deliverables        | EDD <input type="checkbox"/> ADaPT <input type="checkbox"/> Other <input type="checkbox"/>                                                                         |

| Project Name                                                    |             | South Vacuum Unit 354 |  | Turn Around                                                  |                               | Pres.<br>Code | ANALYSIS REQUEST       |     |    |  |  |                            | Preservative Codes |  |
|-----------------------------------------------------------------|-------------|-----------------------|--|--------------------------------------------------------------|-------------------------------|---------------|------------------------|-----|----|--|--|----------------------------|--------------------|--|
| Project Number                                                  |             | 214802                |  | <input checked="" type="checkbox"/> Routine                  | <input type="checkbox"/> Rush |               |                        |     |    |  |  |                            |                    |  |
| Project Location                                                | Lea Co., NM |                       |  | Due Date                                                     | Standard                      |               |                        |     |    |  |  |                            |                    |  |
| Sampler's Name:                                                 | AG          |                       |  | TAT starts the day received by the lab if received by 4:30pm |                               |               |                        |     |    |  |  |                            |                    |  |
| PO #:                                                           |             |                       |  |                                                              |                               |               |                        |     |    |  |  |                            |                    |  |
| <b>SAMPLE RECEIPT</b>                                           |             |                       |  | Temp Blank                                                   | Yes                           | No            | Wet Ice                | Yes | No |  |  |                            |                    |  |
| Received Intact:                                                |             |                       |  | (Yes) No                                                     |                               |               | Thermometer ID         | JEC |    |  |  |                            |                    |  |
| Cooler Custody Seals.                                           |             |                       |  | Yes                                                          | No                            | (N/A)         | Correction Factor      | 5.3 |    |  |  |                            |                    |  |
| Sample Custody Seals.                                           |             |                       |  | Yes                                                          | No                            | (N/A)         | Temperature Reading    | 5.5 |    |  |  |                            |                    |  |
| Total Containers.                                               |             |                       |  |                                                              |                               |               | Corrected Temperature. | 0.2 |    |  |  |                            |                    |  |
| Parameters                                                      |             |                       |  |                                                              |                               |               |                        |     |    |  |  |                            |                    |  |
| BTEx 8021B                                                      |             |                       |  |                                                              |                               |               |                        |     |    |  |  |                            |                    |  |
| I 8015M (GRO + DRO + MRO)                                       |             |                       |  |                                                              |                               |               |                        |     |    |  |  |                            |                    |  |
| Chloride 300 0                                                  |             |                       |  |                                                              |                               |               |                        |     |    |  |  |                            |                    |  |
|                                                                 |             |                       |  |                                                              |                               |               |                        |     |    |  |  |                            |                    |  |
|                                                                 |             |                       |  |                                                              |                               |               |                        |     |    |  |  |                            |                    |  |
|                                                                 |             |                       |  |                                                              |                               |               |                        |     |    |  |  |                            |                    |  |
|                                                                 |             |                       |  |                                                              |                               |               |                        |     |    |  |  |                            |                    |  |
|                                                                 |             |                       |  |                                                              |                               |               |                        |     |    |  |  |                            |                    |  |
| HOLD                                                            |             |                       |  |                                                              |                               |               |                        |     |    |  |  |                            |                    |  |
| None NO                                                         |             |                       |  |                                                              |                               |               |                        |     |    |  |  | DI Water- H <sub>2</sub> O |                    |  |
| Cool Cool                                                       |             |                       |  |                                                              |                               |               |                        |     |    |  |  | MeOH Me                    |                    |  |
| HCL HC                                                          |             |                       |  |                                                              |                               |               |                        |     |    |  |  | HNO <sub>3</sub> HN        |                    |  |
| H <sub>2</sub> SO <sub>4</sub> H <sub>2</sub>                   |             |                       |  |                                                              |                               |               |                        |     |    |  |  | NaOH Na                    |                    |  |
| H <sub>3</sub> PO <sub>4</sub> HP                               |             |                       |  |                                                              |                               |               |                        |     |    |  |  |                            |                    |  |
| NaHSO <sub>4</sub> NABIS                                        |             |                       |  |                                                              |                               |               |                        |     |    |  |  |                            |                    |  |
| Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> NaSO <sub>3</sub> |             |                       |  |                                                              |                               |               |                        |     |    |  |  |                            |                    |  |
| Zn Acetate+NaOH Zn                                              |             |                       |  |                                                              |                               |               |                        |     |    |  |  |                            |                    |  |
| NaOH+Ascorbic Acid SAPC                                         |             |                       |  |                                                              |                               |               |                        |     |    |  |  |                            |                    |  |

[illegible]

880-19018 Chain of Custody

**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 Hart                  | [Signature]             | 4/8/25    | 2                           |                          |           |
| 3                            |                         |           | 4                           |                          |           |
| 5                            |                         | 7/26/24   | 6                           |                          |           |

## Login Sample Receipt Checklist

Client: NT Global

Job Number: 880-19018-1

SDG Number: Lea Co, NM

Login Number: 19018

List Number: 1

Creator: Rodriguez, Leticia

List Source: Eurofins Midland

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



Environment Testing  
America

## ANALYTICAL REPORT

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

Laboratory Job ID: 880-18043-1

Laboratory Sample Delivery Group: Lea Co., NM  
Client Project/Site: South Vaccum 354

For:

NT Global  
701 Tradewinds Blvd  
Midland, Texas 79706

Attn: Gordon Banks

A handwritten signature in black ink that reads "Jessica Kramer".

Authorized for release by:

8/18/2022 10:48:38 AM

Jessica Kramer, Project Manager  
(432)704-5440

[Jessica.Kramer@et.eurofinsus.com](mailto:Jessica.Kramer@et.eurofinsus.com)

### LINKS

Review your project  
results through



Have a Question?



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[www.eurofinsus.com/Env](http://www.eurofinsus.com/Env)

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: South Vaccum 354

Laboratory Job ID: 880-18043-1  
SDG: Lea Co., NM

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## Definitions/Glossary

Client: NT Global  
Project/Site: South Vaccum 354

Job ID: 880-18043-1  
SDG: Lea Co., NM

## Qualifiers

## GC VOA

| Qualifier | Qualifier Description                                    |
|-----------|----------------------------------------------------------|
| S1+       | Surrogate recovery exceeds control limits, high biased.  |
| U         | Indicates the analyte was analyzed for but not detected. |

## GC Semi VOA

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

## HPLC/IC

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

## Glossary

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

## Case Narrative

Client: NT Global  
Project/Site: South Vacuum 354

Job ID: 880-18043-1  
SDG: Lea Co., NM

**Job ID: 880-18043-1****Laboratory: Eurofins Midland****Narrative****Job Narrative  
880-18043-1****Receipt**

The samples were received on 8/12/2022 12:22 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 6.0°C

**GC VOA**

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

**GC Semi VOA**

Method 8015MOD\_NM: Surrogate recovery for the following samples were outside control limits: CS-21 (2') (880-18043-21), (880-18043-A-21-B MS) and (880-18043-A-21-C MSD). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8015MOD\_NM: Surrogate recovery for the following sample was outside control limits: CS-26 (1') (880-18043-26). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8015MOD\_NM: Surrogate recovery for the following sample was outside control limits: CS-29 (1') (880-18043-29). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8015MOD\_NM: Surrogate recovery for the following sample was outside control limits: SW-5 (880-18043-36). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8015MOD\_NM: The matrix spike / matrix spike duplicate (MS/MSD) recoveries and precision for preparation batch 880-32108 and analytical batch 880-32119 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.

**HPLC/IC**

Method 300\_ORGFM\_28D: The matrix spike / matrix spike duplicate (MS/MSD) recoveries and precision for preparation batch 880-32167 and analytical batch 880-32253 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.

## Client Sample Results

Client: NT Global  
Project/Site: South Vaccum 354

Job ID: 880-18043-1  
SDG: Lea Co., NM

Client Sample ID: CS-1 (2')

Lab Sample ID: 880-18043-1

Date Collected: 08/12/22 00:00

Matrix: Solid

Date Received: 08/12/22 12:22

## 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 |   | 08/16/22 20:36 | 08/17/22 05:59 | 1       |
| Toluene             | <0.00200 | U         | 0.00200 |     | mg/Kg |   | 08/16/22 20:36 | 08/17/22 05:59 | 1       |
| Ethylbenzene        | <0.00200 | U         | 0.00200 |     | mg/Kg |   | 08/16/22 20:36 | 08/17/22 05:59 | 1       |
| m-Xylene & p-Xylene | <0.00401 | U         | 0.00401 |     | mg/Kg |   | 08/16/22 20:36 | 08/17/22 05:59 | 1       |
| o-Xylene            | <0.00200 | U         | 0.00200 |     | mg/Kg |   | 08/16/22 20:36 | 08/17/22 05:59 | 1       |
| Xylenes, Total      | <0.00401 | U         | 0.00401 |     | mg/Kg |   | 08/16/22 20:36 | 08/17/22 05:59 | 1       |

| Surrogate                   | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 4-Bromofluorobenzene (Surr) | 98        |           | 70 - 130 | 08/16/22 20:36 | 08/17/22 05:59 | 1       |
| 1,4-Difluorobenzene (Surr)  | 99        |           | 70 - 130 | 08/16/22 20:36 | 08/17/22 05:59 | 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 |   |          | 08/17/22 09:03 | 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 |   |          | 08/15/22 10:31 | 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 |   | 08/12/22 14:29 | 08/13/22 13:42 | 1       |
| Diesel Range Organics (Over C10-C28) | <49.9  | U         | 49.9 |     | mg/Kg |   | 08/12/22 14:29 | 08/13/22 13:42 | 1       |
| Oil Range Organics (Over C28-C36)    | <49.9  | U         | 49.9 |     | mg/Kg |   | 08/12/22 14:29 | 08/13/22 13:42 | 1       |

| Surrogate      | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|----------------|-----------|-----------|----------|----------------|----------------|---------|
| 1-Chlorooctane | 129       |           | 70 - 130 | 08/12/22 14:29 | 08/13/22 13:42 | 1       |
| o-Terphenyl    | 120       |           | 70 - 130 | 08/12/22 14:29 | 08/13/22 13:42 | 1       |

## Method: 300.0 - Anions, Ion Chromatography - Soluble

| Analyte  | Result | Qualifier | RL   | MDL | Unit  | D | Prepared | Analyzed       | Dil Fac |
|----------|--------|-----------|------|-----|-------|---|----------|----------------|---------|
| Chloride | 487    |           | 5.02 |     | mg/Kg |   |          | 08/17/22 19:37 | 1       |

Client Sample ID: CS-2 (2')

Lab Sample ID: 880-18043-2

Date Collected: 08/12/22 00:00

Matrix: Solid

Date Received: 08/12/22 12:22

## 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 |   | 08/16/22 20:36 | 08/17/22 06:20 | 1       |
| Toluene             | <0.00199 | U         | 0.00199 |     | mg/Kg |   | 08/16/22 20:36 | 08/17/22 06:20 | 1       |
| Ethylbenzene        | <0.00199 | U         | 0.00199 |     | mg/Kg |   | 08/16/22 20:36 | 08/17/22 06:20 | 1       |
| m-Xylene & p-Xylene | <0.00398 | U         | 0.00398 |     | mg/Kg |   | 08/16/22 20:36 | 08/17/22 06:20 | 1       |
| o-Xylene            | <0.00199 | U         | 0.00199 |     | mg/Kg |   | 08/16/22 20:36 | 08/17/22 06:20 | 1       |
| Xylenes, Total      | <0.00398 | U         | 0.00398 |     | mg/Kg |   | 08/16/22 20:36 | 08/17/22 06:20 | 1       |

| Surrogate                   | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 4-Bromofluorobenzene (Surr) | 102       |           | 70 - 130 | 08/16/22 20:36 | 08/17/22 06:20 | 1       |
| 1,4-Difluorobenzene (Surr)  | 106       |           | 70 - 130 | 08/16/22 20:36 | 08/17/22 06:20 | 1       |

Eurofins Midland

## Client Sample Results

Client: NT Global  
Project/Site: South Vaccum 354

Job ID: 880-18043-1  
SDG: Lea Co., NM

Client Sample ID: CS-2 (2')

Lab Sample ID: 880-18043-2

Date Collected: 08/12/22 00:00

Matrix: Solid

Date Received: 08/12/22 12:22

## 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 |   |          | 08/17/22 09:03 | 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 |   |          | 08/15/22 10:31 | 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 |   | 08/12/22 14:29 | 08/13/22 14:46 | 1       |
| Diesel Range Organics (Over C10-C28) | <49.9     | U         | 49.9     |     | mg/Kg |   | 08/12/22 14:29 | 08/13/22 14:46 | 1       |
| Oil Range Organics (Over C28-C36)    | <49.9     | U         | 49.9     |     | mg/Kg |   | 08/12/22 14:29 | 08/13/22 14:46 | 1       |
| Surrogate                            | %Recovery | Qualifier | Limits   |     |       |   | Prepared       | Analyzed       | Dil Fac |
| 1-Chlorooctane                       | 109       |           | 70 - 130 |     |       |   | 08/12/22 14:29 | 08/13/22 14:46 | 1       |
| o-Terphenyl                          | 97        |           | 70 - 130 |     |       |   | 08/12/22 14:29 | 08/13/22 14:46 | 1       |

## Method: 300.0 - Anions, Ion Chromatography - Soluble

| Analyte  | Result | Qualifier | RL   | MDL | Unit  | D | Prepared | Analyzed       | Dil Fac |
|----------|--------|-----------|------|-----|-------|---|----------|----------------|---------|
| Chloride | 570    |           | 4.99 |     | mg/Kg |   |          | 08/17/22 20:00 | 1       |

Client Sample ID: CS-3 (2')

Lab Sample ID: 880-18043-3

Date Collected: 08/12/22 00:00

Matrix: Solid

Date Received: 08/12/22 12:22

## 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 |   | 08/16/22 20:36 | 08/17/22 06:40 | 1       |
| Toluene                     | <0.00201  | U         | 0.00201  |     | mg/Kg |   | 08/16/22 20:36 | 08/17/22 06:40 | 1       |
| Ethylbenzene                | <0.00201  | U         | 0.00201  |     | mg/Kg |   | 08/16/22 20:36 | 08/17/22 06:40 | 1       |
| m-Xylene & p-Xylene         | <0.00402  | U         | 0.00402  |     | mg/Kg |   | 08/16/22 20:36 | 08/17/22 06:40 | 1       |
| o-Xylene                    | <0.00201  | U         | 0.00201  |     | mg/Kg |   | 08/16/22 20:36 | 08/17/22 06:40 | 1       |
| Xylenes, Total              | <0.00402  | U         | 0.00402  |     | mg/Kg |   | 08/16/22 20:36 | 08/17/22 06:40 | 1       |
| Surrogate                   | %Recovery | Qualifier | Limits   |     |       |   | Prepared       | Analyzed       | Dil Fac |
| 4-Bromofluorobenzene (Surr) | 106       |           | 70 - 130 |     |       |   | 08/16/22 20:36 | 08/17/22 06:40 | 1       |
| 1,4-Difluorobenzene (Surr)  | 98        |           | 70 - 130 |     |       |   | 08/16/22 20:36 | 08/17/22 06:40 | 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 |   |          | 08/17/22 09:03 | 1       |

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

| Analyte   | Result | Qualifier | RL   | MDL | Unit  | D | Prepared | Analyzed       | Dil Fac |
|-----------|--------|-----------|------|-----|-------|---|----------|----------------|---------|
| Total TPH | 158    |           | 50.0 |     | mg/Kg |   |          | 08/15/22 10:31 | 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 |   | 08/12/22 14:29 | 08/13/22 15:08 | 1       |
| Diesel Range Organics (Over C10-C28) | 158    |           | 50.0 |     | mg/Kg |   | 08/12/22 14:29 | 08/13/22 15:08 | 1       |

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## Client Sample Results

Client: NT Global  
Project/Site: South Vacuum 354

Job ID: 880-18043-1  
SDG: Lea Co., NM

Client Sample ID: CS-3 (2')

Lab Sample ID: 880-18043-3

Date Collected: 08/12/22 00:00

Matrix: Solid

Date Received: 08/12/22 12:22

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

| Analyte                           | Result    | Qualifier | RL       | MDL | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|-----------------------------------|-----------|-----------|----------|-----|-------|---|----------------|----------------|---------|
| Oil Range Organics (Over C28-C36) | <50.0     | U         | 50.0     |     | mg/Kg |   | 08/12/22 14:29 | 08/13/22 15:08 | 1       |
| Surrogate                         | %Recovery | Qualifier | Limits   |     |       |   | Prepared       | Analyzed       | Dil Fac |
| 1-Chlorooctane                    | 106       |           | 70 - 130 |     |       |   | 08/12/22 14:29 | 08/13/22 15:08 | 1       |
| o-Terphenyl                       | 88        |           | 70 - 130 |     |       |   | 08/12/22 14:29 | 08/13/22 15:08 | 1       |

## Method: 300.0 - Anions, Ion Chromatography - Soluble

| Analyte  | Result | Qualifier | RL   | MDL | Unit  | D | Prepared | Analyzed       | Dil Fac |
|----------|--------|-----------|------|-----|-------|---|----------|----------------|---------|
| Chloride | 849    |           | 4.99 |     | mg/Kg |   |          | 08/17/22 20:08 | 1       |

Client Sample ID: CS-4 (2')

Lab Sample ID: 880-18043-4

Date Collected: 08/12/22 00:00

Matrix: Solid

Date Received: 08/12/22 12:22

## 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 |   | 08/16/22 20:52 | 08/17/22 21:51 | 1       |
| Toluene                     | <0.00200  | U         | 0.00200  |     | mg/Kg |   | 08/16/22 20:52 | 08/17/22 21:51 | 1       |
| Ethylbenzene                | <0.00200  | U         | 0.00200  |     | mg/Kg |   | 08/16/22 20:52 | 08/17/22 21:51 | 1       |
| m-Xylene & p-Xylene         | <0.00399  | U         | 0.00399  |     | mg/Kg |   | 08/16/22 20:52 | 08/17/22 21:51 | 1       |
| o-Xylene                    | <0.00200  | U         | 0.00200  |     | mg/Kg |   | 08/16/22 20:52 | 08/17/22 21:51 | 1       |
| Xylenes, Total              | <0.00399  | U         | 0.00399  |     | mg/Kg |   | 08/16/22 20:52 | 08/17/22 21:51 | 1       |
| Surrogate                   | %Recovery | Qualifier | Limits   |     |       |   | Prepared       | Analyzed       | Dil Fac |
| 4-Bromofluorobenzene (Surr) | 94        |           | 70 - 130 |     |       |   | 08/16/22 20:52 | 08/17/22 21:51 | 1       |
| 1,4-Difluorobenzene (Surr)  | 76        |           | 70 - 130 |     |       |   | 08/16/22 20:52 | 08/17/22 21:51 | 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 |   |          | 08/17/22 09:03 | 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 |   |          | 08/15/22 10:31 | 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 |   | 08/12/22 14:29 | 08/13/22 15:29 | 1       |
| Diesel Range Organics (Over C10-C28) | <49.8     | U         | 49.8     |     | mg/Kg |   | 08/12/22 14:29 | 08/13/22 15:29 | 1       |
| Oil Range Organics (Over C28-C36)    | <49.8     | U         | 49.8     |     | mg/Kg |   | 08/12/22 14:29 | 08/13/22 15:29 | 1       |
| Surrogate                            | %Recovery | Qualifier | Limits   |     |       |   | Prepared       | Analyzed       | Dil Fac |
| 1-Chlorooctane                       | 115       |           | 70 - 130 |     |       |   | 08/12/22 14:29 | 08/13/22 15:29 | 1       |
| o-Terphenyl                          | 104       |           | 70 - 130 |     |       |   | 08/12/22 14:29 | 08/13/22 15:29 | 1       |

## Method: 300.0 - Anions, Ion Chromatography - Soluble

| Analyte  | Result | Qualifier | RL   | MDL | Unit  | D | Prepared | Analyzed       | Dil Fac |
|----------|--------|-----------|------|-----|-------|---|----------|----------------|---------|
| Chloride | 324    |           | 5.00 |     | mg/Kg |   |          | 08/17/22 20:16 | 1       |

Eurofins Midland

## Client Sample Results

Client: NT Global  
Project/Site: South Vaccum 354

Job ID: 880-18043-1  
SDG: Lea Co., NM

Client Sample ID: CS-5 (2')

Lab Sample ID: 880-18043-5

Date Collected: 08/12/22 00:00

Matrix: Solid

Date Received: 08/12/22 12:22

## 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 |   | 08/16/22 20:48 | 08/17/22 11:42 | 1       |
| Toluene             | <0.00201 | U         | 0.00201 |     | mg/Kg |   | 08/16/22 20:48 | 08/17/22 11:42 | 1       |
| Ethylbenzene        | <0.00201 | U         | 0.00201 |     | mg/Kg |   | 08/16/22 20:48 | 08/17/22 11:42 | 1       |
| m-Xylene & p-Xylene | <0.00402 | U         | 0.00402 |     | mg/Kg |   | 08/16/22 20:48 | 08/17/22 11:42 | 1       |
| o-Xylene            | <0.00201 | U         | 0.00201 |     | mg/Kg |   | 08/16/22 20:48 | 08/17/22 11:42 | 1       |
| Xylenes, Total      | <0.00402 | U         | 0.00402 |     | mg/Kg |   | 08/16/22 20:48 | 08/17/22 11:42 | 1       |

| Surrogate                   | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 4-Bromofluorobenzene (Surr) | 93        |           | 70 - 130 | 08/16/22 20:48 | 08/17/22 11:42 | 1       |
| 1,4-Difluorobenzene (Surr)  | 102       |           | 70 - 130 | 08/16/22 20:48 | 08/17/22 11:42 | 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 |   |          | 08/17/22 09:03 | 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 |   |          | 08/15/22 10:31 | 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 |   | 08/12/22 14:29 | 08/13/22 15:50 | 1       |
| Diesel Range Organics (Over C10-C28) | <50.0  | U         | 50.0 |     | mg/Kg |   | 08/12/22 14:29 | 08/13/22 15:50 | 1       |
| Oil Range Organics (Over C28-C36)    | <50.0  | U         | 50.0 |     | mg/Kg |   | 08/12/22 14:29 | 08/13/22 15:50 | 1       |

| Surrogate      | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|----------------|-----------|-----------|----------|----------------|----------------|---------|
| 1-Chlorooctane | 107       |           | 70 - 130 | 08/12/22 14:29 | 08/13/22 15:50 | 1       |
| o-Terphenyl    | 96        |           | 70 - 130 | 08/12/22 14:29 | 08/13/22 15:50 | 1       |

## Method: 300.0 - Anions, Ion Chromatography - Soluble

| Analyte  | Result | Qualifier | RL   | MDL | Unit  | D | Prepared | Analyzed       | Dil Fac |
|----------|--------|-----------|------|-----|-------|---|----------|----------------|---------|
| Chloride | 403    |           | 5.01 |     | mg/Kg |   |          | 08/17/22 20:24 | 1       |

Client Sample ID: CS-6 (2')

Lab Sample ID: 880-18043-6

Date Collected: 08/12/22 00:00

Matrix: Solid

Date Received: 08/12/22 12:22

## 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 |   | 08/16/22 20:48 | 08/17/22 12:02 | 1       |
| Toluene             | <0.00200 | U         | 0.00200 |     | mg/Kg |   | 08/16/22 20:48 | 08/17/22 12:02 | 1       |
| Ethylbenzene        | <0.00200 | U         | 0.00200 |     | mg/Kg |   | 08/16/22 20:48 | 08/17/22 12:02 | 1       |
| m-Xylene & p-Xylene | <0.00399 | U         | 0.00399 |     | mg/Kg |   | 08/16/22 20:48 | 08/17/22 12:02 | 1       |
| o-Xylene            | <0.00200 | U         | 0.00200 |     | mg/Kg |   | 08/16/22 20:48 | 08/17/22 12:02 | 1       |
| Xylenes, Total      | <0.00399 | U         | 0.00399 |     | mg/Kg |   | 08/16/22 20:48 | 08/17/22 12:02 | 1       |

| Surrogate                   | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 4-Bromofluorobenzene (Surr) | 96        |           | 70 - 130 | 08/16/22 20:48 | 08/17/22 12:02 | 1       |
| 1,4-Difluorobenzene (Surr)  | 104       |           | 70 - 130 | 08/16/22 20:48 | 08/17/22 12:02 | 1       |

Eurofins Midland

## Client Sample Results

Client: NT Global  
Project/Site: South Vaccum 354

Job ID: 880-18043-1  
SDG: Lea Co., NM

Client Sample ID: CS-6 (2')

Lab Sample ID: 880-18043-6

Date Collected: 08/12/22 00:00

Matrix: Solid

Date Received: 08/12/22 12:22

## 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 |   |          | 08/17/22 09:03 | 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 |   |          | 08/15/22 10:31 | 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 |   | 08/12/22 14:29 | 08/13/22 16:12 | 1       |
| Diesel Range Organics (Over C10-C28) | <50.0     | U         | 50.0     |     | mg/Kg |   | 08/12/22 14:29 | 08/13/22 16:12 | 1       |
| Oil Range Organics (Over C28-C36)    | <50.0     | U         | 50.0     |     | mg/Kg |   | 08/12/22 14:29 | 08/13/22 16:12 | 1       |
| Surrogate                            | %Recovery | Qualifier | Limits   |     |       |   | Prepared       | Analyzed       | Dil Fac |
| 1-Chlorooctane                       | 113       |           | 70 - 130 |     |       |   | 08/12/22 14:29 | 08/13/22 16:12 | 1       |
| o-Terphenyl                          | 103       |           | 70 - 130 |     |       |   | 08/12/22 14:29 | 08/13/22 16:12 | 1       |

## Method: 300.0 - Anions, Ion Chromatography - Soluble

| Analyte  | Result | Qualifier | RL   | MDL | Unit  | D | Prepared | Analyzed       | Dil Fac |
|----------|--------|-----------|------|-----|-------|---|----------|----------------|---------|
| Chloride | 359    |           | 5.02 |     | mg/Kg |   |          | 08/17/22 20:47 | 1       |

Client Sample ID: CS-7 (2')

Lab Sample ID: 880-18043-7

Date Collected: 08/12/22 00:00

Matrix: Solid

Date Received: 08/12/22 12:22

## 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 |   | 08/16/22 20:48 | 08/17/22 12:23 | 1       |
| Toluene                     | <0.00199  | U         | 0.00199  |     | mg/Kg |   | 08/16/22 20:48 | 08/17/22 12:23 | 1       |
| Ethylbenzene                | <0.00199  | U         | 0.00199  |     | mg/Kg |   | 08/16/22 20:48 | 08/17/22 12:23 | 1       |
| m-Xylene & p-Xylene         | <0.00398  | U         | 0.00398  |     | mg/Kg |   | 08/16/22 20:48 | 08/17/22 12:23 | 1       |
| o-Xylene                    | <0.00199  | U         | 0.00199  |     | mg/Kg |   | 08/16/22 20:48 | 08/17/22 12:23 | 1       |
| Xylenes, Total              | <0.00398  | U         | 0.00398  |     | mg/Kg |   | 08/16/22 20:48 | 08/17/22 12:23 | 1       |
| Surrogate                   | %Recovery | Qualifier | Limits   |     |       |   | Prepared       | Analyzed       | Dil Fac |
| 4-Bromofluorobenzene (Surr) | 101       |           | 70 - 130 |     |       |   | 08/16/22 20:48 | 08/17/22 12:23 | 1       |
| 1,4-Difluorobenzene (Surr)  | 100       |           | 70 - 130 |     |       |   | 08/16/22 20:48 | 08/17/22 12:23 | 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 |   |          | 08/17/22 09:03 | 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 |   |          | 08/15/22 10:31 | 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 |   | 08/12/22 14:29 | 08/13/22 16:33 | 1       |
| Diesel Range Organics (Over C10-C28) | <50.0  | U         | 50.0 |     | mg/Kg |   | 08/12/22 14:29 | 08/13/22 16:33 | 1       |

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## Client Sample Results

Client: NT Global  
Project/Site: South Vaccum 354

Job ID: 880-18043-1  
SDG: Lea Co., NM

Client Sample ID: CS-7 (2')

Lab Sample ID: 880-18043-7

Date Collected: 08/12/22 00:00

Matrix: Solid

Date Received: 08/12/22 12:22

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

| Analyte                           | Result    | Qualifier | RL       | MDL | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|-----------------------------------|-----------|-----------|----------|-----|-------|---|----------------|----------------|---------|
| Oil Range Organics (Over C28-C36) | <50.0     | U         | 50.0     |     | mg/Kg |   | 08/12/22 14:29 | 08/13/22 16:33 | 1       |
| Surrogate                         | %Recovery | Qualifier | Limits   |     |       |   | Prepared       | Analyzed       | Dil Fac |
| 1-Chlorooctane                    | 117       |           | 70 - 130 |     |       |   | 08/12/22 14:29 | 08/13/22 16:33 | 1       |
| o-Terphenyl                       | 105       |           | 70 - 130 |     |       |   | 08/12/22 14:29 | 08/13/22 16:33 | 1       |

## Method: 300.0 - Anions, Ion Chromatography - Soluble

| Analyte  | Result | Qualifier | RL   | MDL | Unit  | D | Prepared | Analyzed       | Dil Fac |
|----------|--------|-----------|------|-----|-------|---|----------|----------------|---------|
| Chloride | 322    |           | 4.98 |     | mg/Kg |   |          | 08/17/22 20:55 | 1       |

Client Sample ID: CS-8 (2')

Lab Sample ID: 880-18043-8

Date Collected: 08/12/22 00:00

Matrix: Solid

Date Received: 08/12/22 12:22

## 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 |   | 08/16/22 20:48 | 08/17/22 12:43 | 1       |
| Toluene                     | <0.00200  | U         | 0.00200  |     | mg/Kg |   | 08/16/22 20:48 | 08/17/22 12:43 | 1       |
| Ethylbenzene                | <0.00200  | U         | 0.00200  |     | mg/Kg |   | 08/16/22 20:48 | 08/17/22 12:43 | 1       |
| m-Xylene & p-Xylene         | <0.00401  | U         | 0.00401  |     | mg/Kg |   | 08/16/22 20:48 | 08/17/22 12:43 | 1       |
| o-Xylene                    | <0.00200  | U         | 0.00200  |     | mg/Kg |   | 08/16/22 20:48 | 08/17/22 12:43 | 1       |
| Xylenes, Total              | <0.00401  | U         | 0.00401  |     | mg/Kg |   | 08/16/22 20:48 | 08/17/22 12:43 | 1       |
| Surrogate                   | %Recovery | Qualifier | Limits   |     |       |   | Prepared       | Analyzed       | Dil Fac |
| 4-Bromofluorobenzene (Surr) | 100       |           | 70 - 130 |     |       |   | 08/16/22 20:48 | 08/17/22 12:43 | 1       |
| 1,4-Difluorobenzene (Surr)  | 106       |           | 70 - 130 |     |       |   | 08/16/22 20:48 | 08/17/22 12:43 | 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 |   |          | 08/17/22 09:03 | 1       |

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

| Analyte   | Result | Qualifier | RL   | MDL | Unit  | D | Prepared | Analyzed       | Dil Fac |
|-----------|--------|-----------|------|-----|-------|---|----------|----------------|---------|
| Total TPH | 58.1   |           | 50.0 |     | mg/Kg |   |          | 08/15/22 10:31 | 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 |   | 08/12/22 14:29 | 08/13/22 16:55 | 1       |
| Diesel Range Organics (Over C10-C28) | 58.1      |           | 50.0     |     | mg/Kg |   | 08/12/22 14:29 | 08/13/22 16:55 | 1       |
| Oil Range Organics (Over C28-C36)    | <50.0     | U         | 50.0     |     | mg/Kg |   | 08/12/22 14:29 | 08/13/22 16:55 | 1       |
| Surrogate                            | %Recovery | Qualifier | Limits   |     |       |   | Prepared       | Analyzed       | Dil Fac |
| 1-Chlorooctane                       | 103       |           | 70 - 130 |     |       |   | 08/12/22 14:29 | 08/13/22 16:55 | 1       |
| o-Terphenyl                          | 93        |           | 70 - 130 |     |       |   | 08/12/22 14:29 | 08/13/22 16:55 | 1       |

## Method: 300.0 - Anions, Ion Chromatography - Soluble

| Analyte  | Result | Qualifier | RL   | MDL | Unit  | D | Prepared | Analyzed       | Dil Fac |
|----------|--------|-----------|------|-----|-------|---|----------|----------------|---------|
| Chloride | 514    |           | 4.99 |     | mg/Kg |   |          | 08/17/22 21:03 | 1       |

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## Client Sample Results

Client: NT Global  
Project/Site: South Vaccum 354

Job ID: 880-18043-1  
SDG: Lea Co., NM

Client Sample ID: CS-9 (2')

Lab Sample ID: 880-18043-9

Date Collected: 08/12/22 00:00

Matrix: Solid

Date Received: 08/12/22 12:22

## 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 |   | 08/16/22 20:48 | 08/17/22 13:04 | 1       |
| Toluene             | <0.00199 | U         | 0.00199 |     | mg/Kg |   | 08/16/22 20:48 | 08/17/22 13:04 | 1       |
| Ethylbenzene        | <0.00199 | U         | 0.00199 |     | mg/Kg |   | 08/16/22 20:48 | 08/17/22 13:04 | 1       |
| m-Xylene & p-Xylene | <0.00398 | U         | 0.00398 |     | mg/Kg |   | 08/16/22 20:48 | 08/17/22 13:04 | 1       |
| o-Xylene            | <0.00199 | U         | 0.00199 |     | mg/Kg |   | 08/16/22 20:48 | 08/17/22 13:04 | 1       |
| Xylenes, Total      | <0.00398 | U         | 0.00398 |     | mg/Kg |   | 08/16/22 20:48 | 08/17/22 13:04 | 1       |

| Surrogate                   | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 4-Bromofluorobenzene (Surr) | 80        |           | 70 - 130 | 08/16/22 20:48 | 08/17/22 13:04 | 1       |
| 1,4-Difluorobenzene (Surr)  | 112       |           | 70 - 130 | 08/16/22 20:48 | 08/17/22 13:04 | 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 |   |          | 08/17/22 09:03 | 1       |

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

| Analyte   | Result | Qualifier | RL   | MDL | Unit  | D | Prepared | Analyzed       | Dil Fac |
|-----------|--------|-----------|------|-----|-------|---|----------|----------------|---------|
| Total TPH | 61.1   |           | 49.9 |     | mg/Kg |   |          | 08/15/22 10:31 | 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 |   | 08/12/22 14:29 | 08/13/22 17:16 | 1       |
| Diesel Range Organics (Over C10-C28) | 61.1   |           | 49.9 |     | mg/Kg |   | 08/12/22 14:29 | 08/13/22 17:16 | 1       |
| Oil Range Organics (Over C28-C36)    | <49.9  | U         | 49.9 |     | mg/Kg |   | 08/12/22 14:29 | 08/13/22 17:16 | 1       |

| Surrogate      | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|----------------|-----------|-----------|----------|----------------|----------------|---------|
| 1-Chlorooctane | 104       |           | 70 - 130 | 08/12/22 14:29 | 08/13/22 17:16 | 1       |
| o-Terphenyl    | 86        |           | 70 - 130 | 08/12/22 14:29 | 08/13/22 17:16 | 1       |

## Method: 300.0 - Anions, Ion Chromatography - Soluble

| Analyte  | Result | Qualifier | RL   | MDL | Unit  | D | Prepared | Analyzed       | Dil Fac |
|----------|--------|-----------|------|-----|-------|---|----------|----------------|---------|
| Chloride | 435    |           | 5.00 |     | mg/Kg |   |          | 08/17/22 21:11 | 1       |

Client Sample ID: CS-10 (2')

Lab Sample ID: 880-18043-10

Date Collected: 08/12/22 00:00

Matrix: Solid

Date Received: 08/12/22 12:22

## 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 |   | 08/16/22 20:48 | 08/17/22 13:24 | 1       |
| Toluene             | <0.00199 | U         | 0.00199 |     | mg/Kg |   | 08/16/22 20:48 | 08/17/22 13:24 | 1       |
| Ethylbenzene        | <0.00199 | U         | 0.00199 |     | mg/Kg |   | 08/16/22 20:48 | 08/17/22 13:24 | 1       |
| m-Xylene & p-Xylene | <0.00398 | U         | 0.00398 |     | mg/Kg |   | 08/16/22 20:48 | 08/17/22 13:24 | 1       |
| o-Xylene            | <0.00199 | U         | 0.00199 |     | mg/Kg |   | 08/16/22 20:48 | 08/17/22 13:24 | 1       |
| Xylenes, Total      | <0.00398 | U         | 0.00398 |     | mg/Kg |   | 08/16/22 20:48 | 08/17/22 13:24 | 1       |

| Surrogate                   | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 4-Bromofluorobenzene (Surr) | 99        |           | 70 - 130 | 08/16/22 20:48 | 08/17/22 13:24 | 1       |
| 1,4-Difluorobenzene (Surr)  | 109       |           | 70 - 130 | 08/16/22 20:48 | 08/17/22 13:24 | 1       |

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## Client Sample Results

Client: NT Global  
Project/Site: South Vaccum 354

Job ID: 880-18043-1  
SDG: Lea Co., NM

Client Sample ID: CS-10 (2')

Lab Sample ID: 880-18043-10

Date Collected: 08/12/22 00:00

Matrix: Solid

Date Received: 08/12/22 12:22

## 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 |   |          | 08/17/22 09:03 | 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 |   |          | 08/15/22 10:31 | 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 |   | 08/12/22 14:29 | 08/13/22 17:38 | 1       |
| Diesel Range Organics (Over C10-C28) | <49.8     | U         | 49.8     |     | mg/Kg |   | 08/12/22 14:29 | 08/13/22 17:38 | 1       |
| Oil Range Organics (Over C28-C36)    | <49.8     | U         | 49.8     |     | mg/Kg |   | 08/12/22 14:29 | 08/13/22 17:38 | 1       |
| Surrogate                            | %Recovery | Qualifier | Limits   |     |       |   | Prepared       | Analyzed       | Dil Fac |
| 1-Chlorooctane                       | 99        |           | 70 - 130 |     |       |   | 08/12/22 14:29 | 08/13/22 17:38 | 1       |
| o-Terphenyl                          | 89        |           | 70 - 130 |     |       |   | 08/12/22 14:29 | 08/13/22 17:38 | 1       |

## Method: 300.0 - Anions, Ion Chromatography - Soluble

| Analyte  | Result | Qualifier | RL   | MDL | Unit  | D | Prepared | Analyzed       | Dil Fac |
|----------|--------|-----------|------|-----|-------|---|----------|----------------|---------|
| Chloride | 232    |           | 5.01 |     | mg/Kg |   |          | 08/17/22 21:19 | 1       |

Client Sample ID: CS-11 (2')

Lab Sample ID: 880-18043-11

Date Collected: 08/12/22 00:00

Matrix: Solid

Date Received: 08/12/22 12:22

## 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 |   | 08/16/22 20:48 | 08/17/22 13:45 | 1       |
| Toluene                     | <0.00200  | U         | 0.00200  |     | mg/Kg |   | 08/16/22 20:48 | 08/17/22 13:45 | 1       |
| Ethylbenzene                | <0.00200  | U         | 0.00200  |     | mg/Kg |   | 08/16/22 20:48 | 08/17/22 13:45 | 1       |
| m-Xylene & p-Xylene         | <0.00401  | U         | 0.00401  |     | mg/Kg |   | 08/16/22 20:48 | 08/17/22 13:45 | 1       |
| o-Xylene                    | <0.00200  | U         | 0.00200  |     | mg/Kg |   | 08/16/22 20:48 | 08/17/22 13:45 | 1       |
| Xylenes, Total              | <0.00401  | U         | 0.00401  |     | mg/Kg |   | 08/16/22 20:48 | 08/17/22 13:45 | 1       |
| Surrogate                   | %Recovery | Qualifier | Limits   |     |       |   | Prepared       | Analyzed       | Dil Fac |
| 4-Bromofluorobenzene (Surr) | 97        |           | 70 - 130 |     |       |   | 08/16/22 20:48 | 08/17/22 13:45 | 1       |
| 1,4-Difluorobenzene (Surr)  | 105       |           | 70 - 130 |     |       |   | 08/16/22 20:48 | 08/17/22 13:45 | 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 |   |          | 08/17/22 09:03 | 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 |   |          | 08/15/22 10:31 | 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 |   | 08/12/22 14:29 | 08/13/22 18:21 | 1       |
| Diesel Range Organics (Over C10-C28) | <49.9  | U         | 49.9 |     | mg/Kg |   | 08/12/22 14:29 | 08/13/22 18:21 | 1       |

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## Client Sample Results

Client: NT Global  
Project/Site: South Vacuum 354

Job ID: 880-18043-1  
SDG: Lea Co., NM

Client Sample ID: CS-11 (2')

Lab Sample ID: 880-18043-11

Date Collected: 08/12/22 00:00

Matrix: Solid

Date Received: 08/12/22 12:22

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

| Analyte                           | Result    | Qualifier | RL       | MDL | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|-----------------------------------|-----------|-----------|----------|-----|-------|---|----------------|----------------|---------|
| Oil Range Organics (Over C28-C36) | <49.9     | U         | 49.9     |     | mg/Kg |   | 08/12/22 14:29 | 08/13/22 18:21 | 1       |
| Surrogate                         | %Recovery | Qualifier | Limits   |     |       |   | Prepared       | Analyzed       | Dil Fac |
| 1-Chlorooctane                    | 118       |           | 70 - 130 |     |       |   | 08/12/22 14:29 | 08/13/22 18:21 | 1       |
| o-Terphenyl                       | 100       |           | 70 - 130 |     |       |   | 08/12/22 14:29 | 08/13/22 18:21 | 1       |

## Method: 300.0 - Anions, Ion Chromatography - Soluble

| Analyte  | Result | Qualifier | RL   | MDL | Unit  | D | Prepared | Analyzed       | Dil Fac |
|----------|--------|-----------|------|-----|-------|---|----------|----------------|---------|
| Chloride | 226    |           | 4.99 |     | mg/Kg |   |          | 08/17/22 21:27 | 1       |

Client Sample ID: CS-12 (2')

Lab Sample ID: 880-18043-12

Date Collected: 08/12/22 00:00

Matrix: Solid

Date Received: 08/12/22 12:22

## 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 |   | 08/16/22 20:48 | 08/17/22 14:05 | 1       |
| Toluene                     | <0.00200  | U         | 0.00200  |     | mg/Kg |   | 08/16/22 20:48 | 08/17/22 14:05 | 1       |
| Ethylbenzene                | <0.00200  | U         | 0.00200  |     | mg/Kg |   | 08/16/22 20:48 | 08/17/22 14:05 | 1       |
| m-Xylene & p-Xylene         | <0.00399  | U         | 0.00399  |     | mg/Kg |   | 08/16/22 20:48 | 08/17/22 14:05 | 1       |
| o-Xylene                    | <0.00200  | U         | 0.00200  |     | mg/Kg |   | 08/16/22 20:48 | 08/17/22 14:05 | 1       |
| Xylenes, Total              | <0.00399  | U         | 0.00399  |     | mg/Kg |   | 08/16/22 20:48 | 08/17/22 14:05 | 1       |
| Surrogate                   | %Recovery | Qualifier | Limits   |     |       |   | Prepared       | Analyzed       | Dil Fac |
| 4-Bromofluorobenzene (Surr) | 98        |           | 70 - 130 |     |       |   | 08/16/22 20:48 | 08/17/22 14:05 | 1       |
| 1,4-Difluorobenzene (Surr)  | 103       |           | 70 - 130 |     |       |   | 08/16/22 20:48 | 08/17/22 14:05 | 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 |   |          | 08/17/22 09:03 | 1       |

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

| Analyte   | Result | Qualifier | RL   | MDL | Unit  | D | Prepared | Analyzed       | Dil Fac |
|-----------|--------|-----------|------|-----|-------|---|----------|----------------|---------|
| Total TPH | 59.0   |           | 50.0 |     | mg/Kg |   |          | 08/15/22 10:31 | 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 |   | 08/12/22 14:29 | 08/13/22 18:42 | 1       |
| Diesel Range Organics (Over C10-C28) | 59.0      |           | 50.0     |     | mg/Kg |   | 08/12/22 14:29 | 08/13/22 18:42 | 1       |
| Oil Range Organics (Over C28-C36)    | <50.0     | U         | 50.0     |     | mg/Kg |   | 08/12/22 14:29 | 08/13/22 18:42 | 1       |
| Surrogate                            | %Recovery | Qualifier | Limits   |     |       |   | Prepared       | Analyzed       | Dil Fac |
| 1-Chlorooctane                       | 127       |           | 70 - 130 |     |       |   | 08/12/22 14:29 | 08/13/22 18:42 | 1       |
| o-Terphenyl                          | 116       |           | 70 - 130 |     |       |   | 08/12/22 14:29 | 08/13/22 18:42 | 1       |

## Method: 300.0 - Anions, Ion Chromatography - Soluble

| Analyte  | Result | Qualifier | RL   | MDL | Unit  | D | Prepared | Analyzed       | Dil Fac |
|----------|--------|-----------|------|-----|-------|---|----------|----------------|---------|
| Chloride | 434    |           | 4.98 |     | mg/Kg |   |          | 08/17/22 21:50 | 1       |

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## Client Sample Results

Client: NT Global  
Project/Site: South Vaccum 354

Job ID: 880-18043-1  
SDG: Lea Co., NM

Client Sample ID: CS-13 (2')

Lab Sample ID: 880-18043-13

Date Collected: 08/12/22 00:00

Matrix: Solid

Date Received: 08/12/22 12:22

## 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 |   | 08/16/22 20:48 | 08/17/22 14:26 | 1       |
| Toluene             | <0.00199 | U         | 0.00199 |     | mg/Kg |   | 08/16/22 20:48 | 08/17/22 14:26 | 1       |
| Ethylbenzene        | <0.00199 | U         | 0.00199 |     | mg/Kg |   | 08/16/22 20:48 | 08/17/22 14:26 | 1       |
| m-Xylene & p-Xylene | <0.00398 | U         | 0.00398 |     | mg/Kg |   | 08/16/22 20:48 | 08/17/22 14:26 | 1       |
| o-Xylene            | <0.00199 | U         | 0.00199 |     | mg/Kg |   | 08/16/22 20:48 | 08/17/22 14:26 | 1       |
| Xylenes, Total      | <0.00398 | U         | 0.00398 |     | mg/Kg |   | 08/16/22 20:48 | 08/17/22 14:26 | 1       |

| Surrogate                   | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 4-Bromofluorobenzene (Surr) | 94        |           | 70 - 130 | 08/16/22 20:48 | 08/17/22 14:26 | 1       |
| 1,4-Difluorobenzene (Surr)  | 104       |           | 70 - 130 | 08/16/22 20:48 | 08/17/22 14:26 | 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 |   |          | 08/17/22 09:03 | 1       |

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

| Analyte   | Result | Qualifier | RL   | MDL | Unit  | D | Prepared | Analyzed       | Dil Fac |
|-----------|--------|-----------|------|-----|-------|---|----------|----------------|---------|
| Total TPH | 84.7   |           | 50.0 |     | mg/Kg |   |          | 08/15/22 10:31 | 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 |   | 08/12/22 14:29 | 08/13/22 19:04 | 1       |
| Diesel Range Organics (Over C10-C28) | 84.7      |           | 50.0     |     | mg/Kg |   | 08/12/22 14:29 | 08/13/22 19:04 | 1       |
| Oil Range Organics (Over C28-C36)    | <50.0     | U         | 50.0     |     | mg/Kg |   | 08/12/22 14:29 | 08/13/22 19:04 | 1       |
| Surrogate                            | %Recovery | Qualifier | Limits   |     |       |   | Prepared       | Analyzed       | Dil Fac |
| 1-Chlorooctane                       | 121       |           | 70 - 130 |     |       |   | 08/12/22 14:29 | 08/13/22 19:04 | 1       |
| o-Terphenyl                          | 105       |           | 70 - 130 |     |       |   | 08/12/22 14:29 | 08/13/22 19:04 | 1       |

## Method: 300.0 - Anions, Ion Chromatography - Soluble

| Analyte  | Result | Qualifier | RL   | MDL | Unit  | D | Prepared | Analyzed       | Dil Fac |
|----------|--------|-----------|------|-----|-------|---|----------|----------------|---------|
| Chloride | 380    |           | 5.04 |     | mg/Kg |   |          | 08/17/22 21:58 | 1       |

Client Sample ID: CS-14 (2')

Lab Sample ID: 880-18043-14

Date Collected: 08/12/22 00:00

Matrix: Solid

Date Received: 08/12/22 12:22

## 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 |   | 08/16/22 20:48 | 08/17/22 14:46 | 1       |
| Toluene             | <0.00199 | U         | 0.00199 |     | mg/Kg |   | 08/16/22 20:48 | 08/17/22 14:46 | 1       |
| Ethylbenzene        | <0.00199 | U         | 0.00199 |     | mg/Kg |   | 08/16/22 20:48 | 08/17/22 14:46 | 1       |
| m-Xylene & p-Xylene | <0.00398 | U         | 0.00398 |     | mg/Kg |   | 08/16/22 20:48 | 08/17/22 14:46 | 1       |
| o-Xylene            | <0.00199 | U         | 0.00199 |     | mg/Kg |   | 08/16/22 20:48 | 08/17/22 14:46 | 1       |
| Xylenes, Total      | <0.00398 | U         | 0.00398 |     | mg/Kg |   | 08/16/22 20:48 | 08/17/22 14:46 | 1       |

| Surrogate                   | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 4-Bromofluorobenzene (Surr) | 94        |           | 70 - 130 | 08/16/22 20:48 | 08/17/22 14:46 | 1       |
| 1,4-Difluorobenzene (Surr)  | 104       |           | 70 - 130 | 08/16/22 20:48 | 08/17/22 14:46 | 1       |

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## Client Sample Results

Client: NT Global  
Project/Site: South Vaccum 354

Job ID: 880-18043-1  
SDG: Lea Co., NM

Client Sample ID: CS-14 (2')

Lab Sample ID: 880-18043-14

Date Collected: 08/12/22 00:00

Matrix: Solid

Date Received: 08/12/22 12:22

## 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 |   |          | 08/17/22 09:03 | 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 |   |          | 08/15/22 10:31 | 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 |   | 08/12/22 14:29 | 08/13/22 19:25 | 1       |
| Diesel Range Organics (Over C10-C28) | <50.0     | U         | 50.0     |     | mg/Kg |   | 08/12/22 14:29 | 08/13/22 19:25 | 1       |
| Oil Range Organics (Over C28-C36)    | <50.0     | U         | 50.0     |     | mg/Kg |   | 08/12/22 14:29 | 08/13/22 19:25 | 1       |
| Surrogate                            | %Recovery | Qualifier | Limits   |     |       |   | Prepared       | Analyzed       | Dil Fac |
| 1-Chlorooctane                       | 91        |           | 70 - 130 |     |       |   | 08/12/22 14:29 | 08/13/22 19:25 | 1       |
| o-Terphenyl                          | 77        |           | 70 - 130 |     |       |   | 08/12/22 14:29 | 08/13/22 19:25 | 1       |

## Method: 300.0 - Anions, Ion Chromatography - Soluble

| Analyte  | Result | Qualifier | RL   | MDL | Unit  | D | Prepared | Analyzed       | Dil Fac |
|----------|--------|-----------|------|-----|-------|---|----------|----------------|---------|
| Chloride | 216    | F1        | 4.98 |     | mg/Kg |   |          | 08/17/22 09:44 | 1       |

Client Sample ID: CS-15 (2')

Lab Sample ID: 880-18043-15

Date Collected: 08/12/22 00:00

Matrix: Solid

Date Received: 08/12/22 12:22

## 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 |   | 08/16/22 20:48 | 08/17/22 16:37 | 1       |
| Toluene                     | <0.00201  | U         | 0.00201  |     | mg/Kg |   | 08/16/22 20:48 | 08/17/22 16:37 | 1       |
| Ethylbenzene                | <0.00201  | U         | 0.00201  |     | mg/Kg |   | 08/16/22 20:48 | 08/17/22 16:37 | 1       |
| m-Xylene & p-Xylene         | <0.00402  | U         | 0.00402  |     | mg/Kg |   | 08/16/22 20:48 | 08/17/22 16:37 | 1       |
| o-Xylene                    | <0.00201  | U         | 0.00201  |     | mg/Kg |   | 08/16/22 20:48 | 08/17/22 16:37 | 1       |
| Xylenes, Total              | <0.00402  | U         | 0.00402  |     | mg/Kg |   | 08/16/22 20:48 | 08/17/22 16:37 | 1       |
| Surrogate                   | %Recovery | Qualifier | Limits   |     |       |   | Prepared       | Analyzed       | Dil Fac |
| 4-Bromofluorobenzene (Surr) | 94        |           | 70 - 130 |     |       |   | 08/16/22 20:48 | 08/17/22 16:37 | 1       |
| 1,4-Difluorobenzene (Surr)  | 100       |           | 70 - 130 |     |       |   | 08/16/22 20:48 | 08/17/22 16:37 | 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 |   |          | 08/17/22 09:03 | 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 |   |          | 08/15/22 10:31 | 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 |   | 08/12/22 14:29 | 08/13/22 19:47 | 1       |
| Diesel Range Organics (Over C10-C28) | <49.9  | U         | 49.9 |     | mg/Kg |   | 08/12/22 14:29 | 08/13/22 19:47 | 1       |

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## Client Sample Results

Client: NT Global  
Project/Site: South Vacuum 354

Job ID: 880-18043-1  
SDG: Lea Co., NM

Client Sample ID: CS-15 (2')

Lab Sample ID: 880-18043-15

Date Collected: 08/12/22 00:00

Matrix: Solid

Date Received: 08/12/22 12:22

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

| Analyte                           | Result    | Qualifier | RL       | MDL | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|-----------------------------------|-----------|-----------|----------|-----|-------|---|----------------|----------------|---------|
| Oil Range Organics (Over C28-C36) | <49.9     | U         | 49.9     |     | mg/Kg |   | 08/12/22 14:29 | 08/13/22 19:47 | 1       |
| Surrogate                         | %Recovery | Qualifier | Limits   |     |       |   | Prepared       | Analyzed       | Dil Fac |
| 1-Chlorooctane                    | 104       |           | 70 - 130 |     |       |   | 08/12/22 14:29 | 08/13/22 19:47 | 1       |
| o-Terphenyl                       | 88        |           | 70 - 130 |     |       |   | 08/12/22 14:29 | 08/13/22 19:47 | 1       |

## Method: 300.0 - Anions, Ion Chromatography - Soluble

| Analyte  | Result | Qualifier | RL   | MDL | Unit  | D | Prepared | Analyzed       | Dil Fac |
|----------|--------|-----------|------|-----|-------|---|----------|----------------|---------|
| Chloride | 238    |           | 5.04 |     | mg/Kg |   |          | 08/17/22 10:12 | 1       |

Client Sample ID: CS-16 (2')

Lab Sample ID: 880-18043-16

Date Collected: 08/12/22 00:00

Matrix: Solid

Date Received: 08/12/22 12:22

## 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 |   | 08/16/22 20:48 | 08/17/22 16:58 | 1       |
| Toluene                     | <0.00200  | U         | 0.00200  |     | mg/Kg |   | 08/16/22 20:48 | 08/17/22 16:58 | 1       |
| Ethylbenzene                | <0.00200  | U         | 0.00200  |     | mg/Kg |   | 08/16/22 20:48 | 08/17/22 16:58 | 1       |
| m-Xylene & p-Xylene         | <0.00401  | U         | 0.00401  |     | mg/Kg |   | 08/16/22 20:48 | 08/17/22 16:58 | 1       |
| o-Xylene                    | <0.00200  | U         | 0.00200  |     | mg/Kg |   | 08/16/22 20:48 | 08/17/22 16:58 | 1       |
| Xylenes, Total              | <0.00401  | U         | 0.00401  |     | mg/Kg |   | 08/16/22 20:48 | 08/17/22 16:58 | 1       |
| Surrogate                   | %Recovery | Qualifier | Limits   |     |       |   | Prepared       | Analyzed       | Dil Fac |
| 4-Bromofluorobenzene (Surr) | 98        |           | 70 - 130 |     |       |   | 08/16/22 20:48 | 08/17/22 16:58 | 1       |
| 1,4-Difluorobenzene (Surr)  | 109       |           | 70 - 130 |     |       |   | 08/16/22 20:48 | 08/17/22 16:58 | 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 |   |          | 08/17/22 09:03 | 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 |   |          | 08/15/22 10:31 | 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 |   | 08/12/22 14:29 | 08/13/22 20:08 | 1       |
| Diesel Range Organics (Over C10-C28) | <49.9     | U         | 49.9     |     | mg/Kg |   | 08/12/22 14:29 | 08/13/22 20:08 | 1       |
| Oil Range Organics (Over C28-C36)    | <49.9     | U         | 49.9     |     | mg/Kg |   | 08/12/22 14:29 | 08/13/22 20:08 | 1       |
| Surrogate                            | %Recovery | Qualifier | Limits   |     |       |   | Prepared       | Analyzed       | Dil Fac |
| 1-Chlorooctane                       | 115       |           | 70 - 130 |     |       |   | 08/12/22 14:29 | 08/13/22 20:08 | 1       |
| o-Terphenyl                          | 102       |           | 70 - 130 |     |       |   | 08/12/22 14:29 | 08/13/22 20:08 | 1       |

## Method: 300.0 - Anions, Ion Chromatography - Soluble

| Analyte  | Result | Qualifier | RL   | MDL | Unit  | D | Prepared | Analyzed       | Dil Fac |
|----------|--------|-----------|------|-----|-------|---|----------|----------------|---------|
| Chloride | 243    |           | 5.02 |     | mg/Kg |   |          | 08/17/22 10:21 | 1       |

Eurofins Midland

## Client Sample Results

Client: NT Global  
Project/Site: South Vaccum 354

Job ID: 880-18043-1  
SDG: Lea Co., NM

Client Sample ID: CS-17 (2')

Lab Sample ID: 880-18043-17

Date Collected: 08/12/22 00:00

Matrix: Solid

Date Received: 08/12/22 12:22

## 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 |   | 08/16/22 20:48 | 08/17/22 17:18 | 1       |
| Toluene             | <0.00200 | U         | 0.00200 |     | mg/Kg |   | 08/16/22 20:48 | 08/17/22 17:18 | 1       |
| Ethylbenzene        | <0.00200 | U         | 0.00200 |     | mg/Kg |   | 08/16/22 20:48 | 08/17/22 17:18 | 1       |
| m-Xylene & p-Xylene | <0.00399 | U         | 0.00399 |     | mg/Kg |   | 08/16/22 20:48 | 08/17/22 17:18 | 1       |
| o-Xylene            | <0.00200 | U         | 0.00200 |     | mg/Kg |   | 08/16/22 20:48 | 08/17/22 17:18 | 1       |
| Xylenes, Total      | <0.00399 | U         | 0.00399 |     | mg/Kg |   | 08/16/22 20:48 | 08/17/22 17:18 | 1       |

| Surrogate                   | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 4-Bromofluorobenzene (Surr) | 96        |           | 70 - 130 | 08/16/22 20:48 | 08/17/22 17:18 | 1       |
| 1,4-Difluorobenzene (Surr)  | 107       |           | 70 - 130 | 08/16/22 20:48 | 08/17/22 17:18 | 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 |   |          | 08/17/22 09:03 | 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 |   |          | 08/15/22 10:31 | 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 |   | 08/12/22 14:29 | 08/13/22 20:30 | 1       |
| Diesel Range Organics (Over C10-C28) | <49.9  | U         | 49.9 |     | mg/Kg |   | 08/12/22 14:29 | 08/13/22 20:30 | 1       |
| Oil Range Organics (Over C28-C36)    | <49.9  | U         | 49.9 |     | mg/Kg |   | 08/12/22 14:29 | 08/13/22 20:30 | 1       |

| Surrogate      | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|----------------|-----------|-----------|----------|----------------|----------------|---------|
| 1-Chlorooctane | 108       |           | 70 - 130 | 08/12/22 14:29 | 08/13/22 20:30 | 1       |
| o-Terphenyl    | 91        |           | 70 - 130 | 08/12/22 14:29 | 08/13/22 20:30 | 1       |

## Method: 300.0 - Anions, Ion Chromatography - Soluble

| Analyte  | Result | Qualifier | RL   | MDL | Unit  | D | Prepared | Analyzed       | Dil Fac |
|----------|--------|-----------|------|-----|-------|---|----------|----------------|---------|
| Chloride | 207    |           | 4.97 |     | mg/Kg |   |          | 08/17/22 10:30 | 1       |

Client Sample ID: CS-18 (2')

Lab Sample ID: 880-18043-18

Date Collected: 08/12/22 00:00

Matrix: Solid

Date Received: 08/12/22 12:22

## 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 |   | 08/16/22 20:48 | 08/17/22 17:38 | 1       |
| Toluene             | <0.00199 | U         | 0.00199 |     | mg/Kg |   | 08/16/22 20:48 | 08/17/22 17:38 | 1       |
| Ethylbenzene        | <0.00199 | U         | 0.00199 |     | mg/Kg |   | 08/16/22 20:48 | 08/17/22 17:38 | 1       |
| m-Xylene & p-Xylene | <0.00398 | U         | 0.00398 |     | mg/Kg |   | 08/16/22 20:48 | 08/17/22 17:38 | 1       |
| o-Xylene            | <0.00199 | U         | 0.00199 |     | mg/Kg |   | 08/16/22 20:48 | 08/17/22 17:38 | 1       |
| Xylenes, Total      | <0.00398 | U         | 0.00398 |     | mg/Kg |   | 08/16/22 20:48 | 08/17/22 17:38 | 1       |

| Surrogate                   | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 4-Bromofluorobenzene (Surr) | 100       |           | 70 - 130 | 08/16/22 20:48 | 08/17/22 17:38 | 1       |
| 1,4-Difluorobenzene (Surr)  | 107       |           | 70 - 130 | 08/16/22 20:48 | 08/17/22 17:38 | 1       |

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## Client Sample Results

Client: NT Global  
Project/Site: South Vaccum 354

Job ID: 880-18043-1  
SDG: Lea Co., NM

Client Sample ID: CS-18 (2')

Lab Sample ID: 880-18043-18

Date Collected: 08/12/22 00:00

Matrix: Solid

Date Received: 08/12/22 12:22

## 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 |   |          | 08/17/22 09:03 | 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 |   |          | 08/15/22 10:31 | 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 |   | 08/12/22 14:29 | 08/13/22 20:51 | 1       |
| Diesel Range Organics (Over C10-C28) | <50.0     | U         | 50.0     |     | mg/Kg |   | 08/12/22 14:29 | 08/13/22 20:51 | 1       |
| Oil Range Organics (Over C28-C36)    | <50.0     | U         | 50.0     |     | mg/Kg |   | 08/12/22 14:29 | 08/13/22 20:51 | 1       |
| Surrogate                            | %Recovery | Qualifier | Limits   |     |       |   | Prepared       | Analyzed       | Dil Fac |
| 1-Chlorooctane                       | 117       |           | 70 - 130 |     |       |   | 08/12/22 14:29 | 08/13/22 20:51 | 1       |
| o-Terphenyl                          | 106       |           | 70 - 130 |     |       |   | 08/12/22 14:29 | 08/13/22 20:51 | 1       |

## Method: 300.0 - Anions, Ion Chromatography - Soluble

| Analyte  | Result | Qualifier | RL   | MDL | Unit  | D | Prepared | Analyzed       | Dil Fac |
|----------|--------|-----------|------|-----|-------|---|----------|----------------|---------|
| Chloride | 247    |           | 4.99 |     | mg/Kg |   |          | 08/17/22 10:40 | 1       |

Client Sample ID: CS-19 (2')

Lab Sample ID: 880-18043-19

Date Collected: 08/12/22 00:00

Matrix: Solid

Date Received: 08/12/22 12:22

## 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 |   | 08/16/22 20:48 | 08/17/22 17:59 | 1       |
| Toluene                     | <0.00201  | U         | 0.00201  |     | mg/Kg |   | 08/16/22 20:48 | 08/17/22 17:59 | 1       |
| Ethylbenzene                | <0.00201  | U         | 0.00201  |     | mg/Kg |   | 08/16/22 20:48 | 08/17/22 17:59 | 1       |
| m-Xylene & p-Xylene         | <0.00402  | U         | 0.00402  |     | mg/Kg |   | 08/16/22 20:48 | 08/17/22 17:59 | 1       |
| o-Xylene                    | <0.00201  | U         | 0.00201  |     | mg/Kg |   | 08/16/22 20:48 | 08/17/22 17:59 | 1       |
| Xylenes, Total              | <0.00402  | U         | 0.00402  |     | mg/Kg |   | 08/16/22 20:48 | 08/17/22 17:59 | 1       |
| Surrogate                   | %Recovery | Qualifier | Limits   |     |       |   | Prepared       | Analyzed       | Dil Fac |
| 4-Bromofluorobenzene (Surr) | 98        |           | 70 - 130 |     |       |   | 08/16/22 20:48 | 08/17/22 17:59 | 1       |
| 1,4-Difluorobenzene (Surr)  | 106       |           | 70 - 130 |     |       |   | 08/16/22 20:48 | 08/17/22 17:59 | 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 |   |          | 08/17/22 09:03 | 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 |   |          | 08/15/22 10:31 | 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 |   | 08/12/22 14:29 | 08/13/22 21:12 | 1       |
| Diesel Range Organics (Over C10-C28) | <49.9  | U         | 49.9 |     | mg/Kg |   | 08/12/22 14:29 | 08/13/22 21:12 | 1       |

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## Client Sample Results

Client: NT Global  
Project/Site: South Vaccum 354

Job ID: 880-18043-1  
SDG: Lea Co., NM

Client Sample ID: CS-19 (2')

Lab Sample ID: 880-18043-19

Date Collected: 08/12/22 00:00

Matrix: Solid

Date Received: 08/12/22 12:22

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

| Analyte                           | Result    | Qualifier | RL       | MDL | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|-----------------------------------|-----------|-----------|----------|-----|-------|---|----------------|----------------|---------|
| Oil Range Organics (Over C28-C36) | <49.9     | U         | 49.9     |     | mg/Kg |   | 08/12/22 14:29 | 08/13/22 21:12 | 1       |
| Surrogate                         | %Recovery | Qualifier | Limits   |     |       |   | Prepared       | Analyzed       | Dil Fac |
| 1-Chlorooctane                    | 116       |           | 70 - 130 |     |       |   | 08/12/22 14:29 | 08/13/22 21:12 | 1       |
| o-Terphenyl                       | 105       |           | 70 - 130 |     |       |   | 08/12/22 14:29 | 08/13/22 21:12 | 1       |

## Method: 300.0 - Anions, Ion Chromatography - Soluble

| Analyte  | Result | Qualifier | RL   | MDL | Unit  | D | Prepared | Analyzed       | Dil Fac |
|----------|--------|-----------|------|-----|-------|---|----------|----------------|---------|
| Chloride | 243    |           | 4.98 |     | mg/Kg |   |          | 08/17/22 11:07 | 1       |

Client Sample ID: CS-20 (2')

Lab Sample ID: 880-18043-20

Date Collected: 08/12/22 00:00

Matrix: Solid

Date Received: 08/12/22 12:22

## 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 |   | 08/16/22 20:48 | 08/17/22 18:19 | 1       |
| Toluene                     | <0.00200  | U         | 0.00200  |     | mg/Kg |   | 08/16/22 20:48 | 08/17/22 18:19 | 1       |
| Ethylbenzene                | <0.00200  | U         | 0.00200  |     | mg/Kg |   | 08/16/22 20:48 | 08/17/22 18:19 | 1       |
| m-Xylene & p-Xylene         | <0.00399  | U         | 0.00399  |     | mg/Kg |   | 08/16/22 20:48 | 08/17/22 18:19 | 1       |
| o-Xylene                    | <0.00200  | U         | 0.00200  |     | mg/Kg |   | 08/16/22 20:48 | 08/17/22 18:19 | 1       |
| Xylenes, Total              | <0.00399  | U         | 0.00399  |     | mg/Kg |   | 08/16/22 20:48 | 08/17/22 18:19 | 1       |
| Surrogate                   | %Recovery | Qualifier | Limits   |     |       |   | Prepared       | Analyzed       | Dil Fac |
| 4-Bromofluorobenzene (Surr) | 101       |           | 70 - 130 |     |       |   | 08/16/22 20:48 | 08/17/22 18:19 | 1       |
| 1,4-Difluorobenzene (Surr)  | 108       |           | 70 - 130 |     |       |   | 08/16/22 20:48 | 08/17/22 18:19 | 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 |   |          | 08/17/22 09:03 | 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 |   |          | 08/15/22 10:31 | 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 |   | 08/12/22 14:29 | 08/13/22 21:34 | 1       |
| Diesel Range Organics (Over C10-C28) | <49.8     | U         | 49.8     |     | mg/Kg |   | 08/12/22 14:29 | 08/13/22 21:34 | 1       |
| Oil Range Organics (Over C28-C36)    | <49.8     | U         | 49.8     |     | mg/Kg |   | 08/12/22 14:29 | 08/13/22 21:34 | 1       |
| Surrogate                            | %Recovery | Qualifier | Limits   |     |       |   | Prepared       | Analyzed       | Dil Fac |
| 1-Chlorooctane                       | 103       |           | 70 - 130 |     |       |   | 08/12/22 14:29 | 08/13/22 21:34 | 1       |
| o-Terphenyl                          | 94        |           | 70 - 130 |     |       |   | 08/12/22 14:29 | 08/13/22 21:34 | 1       |

## Method: 300.0 - Anions, Ion Chromatography - Soluble

| Analyte  | Result | Qualifier | RL   | MDL | Unit  | D | Prepared | Analyzed       | Dil Fac |
|----------|--------|-----------|------|-----|-------|---|----------|----------------|---------|
| Chloride | 513    |           | 4.99 |     | mg/Kg |   |          | 08/17/22 11:16 | 1       |

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## Client Sample Results

Client: NT Global  
Project/Site: South Vaccum 354

Job ID: 880-18043-1  
SDG: Lea Co., NM

Client Sample ID: CS-21 (2')

Lab Sample ID: 880-18043-21

Date Collected: 08/12/22 00:00

Matrix: Solid

Date Received: 08/12/22 12:22

## 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 |   | 08/16/22 20:48 | 08/17/22 18:40 | 1       |
| Toluene             | <0.00199 | U         | 0.00199 |     | mg/Kg |   | 08/16/22 20:48 | 08/17/22 18:40 | 1       |
| Ethylbenzene        | <0.00199 | U         | 0.00199 |     | mg/Kg |   | 08/16/22 20:48 | 08/17/22 18:40 | 1       |
| m-Xylene & p-Xylene | <0.00398 | U         | 0.00398 |     | mg/Kg |   | 08/16/22 20:48 | 08/17/22 18:40 | 1       |
| o-Xylene            | <0.00199 | U         | 0.00199 |     | mg/Kg |   | 08/16/22 20:48 | 08/17/22 18:40 | 1       |
| Xylenes, Total      | <0.00398 | U         | 0.00398 |     | mg/Kg |   | 08/16/22 20:48 | 08/17/22 18:40 | 1       |

| Surrogate                   | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 4-Bromofluorobenzene (Surr) | 99        |           | 70 - 130 | 08/16/22 20:48 | 08/17/22 18:40 | 1       |
| 1,4-Difluorobenzene (Surr)  | 106       |           | 70 - 130 | 08/16/22 20:48 | 08/17/22 18:40 | 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 |   |          | 08/17/22 09:03 | 1       |

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

| Analyte   | Result | Qualifier | RL   | MDL | Unit  | D | Prepared | Analyzed       | Dil Fac |
|-----------|--------|-----------|------|-----|-------|---|----------|----------------|---------|
| Total TPH | 90.4   |           | 49.9 |     | mg/Kg |   |          | 08/15/22 10:31 | 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 F2      | 49.9 |     | mg/Kg |   | 08/12/22 15:05 | 08/13/22 13:42 | 1       |
| Diesel Range Organics (Over C10-C28) | 90.4   | F1 F2     | 49.9 |     | mg/Kg |   | 08/12/22 15:05 | 08/13/22 13:42 | 1       |
| Oil Range Organics (Over C28-C36)    | <49.9  | U         | 49.9 |     | mg/Kg |   | 08/12/22 15:05 | 08/13/22 13:42 | 1       |

| Surrogate      | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|----------------|-----------|-----------|----------|----------------|----------------|---------|
| 1-Chlorooctane | 79        |           | 70 - 130 | 08/12/22 15:05 | 08/13/22 13:42 | 1       |
| o-Terphenyl    | 63        | S1-       | 70 - 130 | 08/12/22 15:05 | 08/13/22 13:42 | 1       |

## Method: 300.0 - Anions, Ion Chromatography - Soluble

| Analyte  | Result | Qualifier | RL   | MDL | Unit  | D | Prepared | Analyzed       | Dil Fac |
|----------|--------|-----------|------|-----|-------|---|----------|----------------|---------|
| Chloride | 495    |           | 5.00 |     | mg/Kg |   |          | 08/17/22 11:26 | 1       |

Client Sample ID: CS-22 (2')

Lab Sample ID: 880-18043-22

Date Collected: 08/12/22 00:00

Matrix: Solid

Date Received: 08/12/22 12:22

## 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 |   | 08/16/22 20:48 | 08/17/22 19:00 | 1       |
| Toluene             | <0.00200 | U         | 0.00200 |     | mg/Kg |   | 08/16/22 20:48 | 08/17/22 19:00 | 1       |
| Ethylbenzene        | <0.00200 | U         | 0.00200 |     | mg/Kg |   | 08/16/22 20:48 | 08/17/22 19:00 | 1       |
| m-Xylene & p-Xylene | <0.00399 | U         | 0.00399 |     | mg/Kg |   | 08/16/22 20:48 | 08/17/22 19:00 | 1       |
| o-Xylene            | <0.00200 | U         | 0.00200 |     | mg/Kg |   | 08/16/22 20:48 | 08/17/22 19:00 | 1       |
| Xylenes, Total      | <0.00399 | U         | 0.00399 |     | mg/Kg |   | 08/16/22 20:48 | 08/17/22 19:00 | 1       |

| Surrogate                   | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 4-Bromofluorobenzene (Surr) | 105       |           | 70 - 130 | 08/16/22 20:48 | 08/17/22 19:00 | 1       |
| 1,4-Difluorobenzene (Surr)  | 96        |           | 70 - 130 | 08/16/22 20:48 | 08/17/22 19:00 | 1       |

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## Client Sample Results

Client: NT Global  
Project/Site: South Vaccum 354

Job ID: 880-18043-1  
SDG: Lea Co., NM

Client Sample ID: CS-22 (2')

Lab Sample ID: 880-18043-22

Date Collected: 08/12/22 00:00

Matrix: Solid

Date Received: 08/12/22 12:22

## 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 |   |          | 08/17/22 09:03 | 1       |

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

| Analyte   | Result | Qualifier | RL   | MDL | Unit  | D | Prepared | Analyzed       | Dil Fac |
|-----------|--------|-----------|------|-----|-------|---|----------|----------------|---------|
| Total TPH | 79.6   |           | 49.9 |     | mg/Kg |   |          | 08/15/22 10:31 | 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 |   | 08/12/22 15:05 | 08/13/22 14:46 | 1       |
| Diesel Range Organics (Over C10-C28) | 79.6      |           | 49.9     |     | mg/Kg |   | 08/12/22 15:05 | 08/13/22 14:46 | 1       |
| Oil Range Organics (Over C28-C36)    | <49.9     | U         | 49.9     |     | mg/Kg |   | 08/12/22 15:05 | 08/13/22 14:46 | 1       |
| Surrogate                            | %Recovery | Qualifier | Limits   |     |       |   | Prepared       | Analyzed       | Dil Fac |
| 1-Chlorooctane                       | 108       |           | 70 - 130 |     |       |   | 08/12/22 15:05 | 08/13/22 14:46 | 1       |
| o-Terphenyl                          | 90        |           | 70 - 130 |     |       |   | 08/12/22 15:05 | 08/13/22 14:46 | 1       |

## Method: 300.0 - Anions, Ion Chromatography - Soluble

| Analyte  | Result | Qualifier | RL   | MDL | Unit  | D | Prepared | Analyzed       | Dil Fac |
|----------|--------|-----------|------|-----|-------|---|----------|----------------|---------|
| Chloride | 377    |           | 5.00 |     | mg/Kg |   |          | 08/17/22 11:35 | 1       |

Client Sample ID: CS-23 (2')

Lab Sample ID: 880-18043-23

Date Collected: 08/12/22 00:00

Matrix: Solid

Date Received: 08/12/22 12:22

## 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 |   | 08/16/22 20:48 | 08/17/22 19:21 | 1       |
| Toluene                     | <0.00200  | U         | 0.00200  |     | mg/Kg |   | 08/16/22 20:48 | 08/17/22 19:21 | 1       |
| Ethylbenzene                | <0.00200  | U         | 0.00200  |     | mg/Kg |   | 08/16/22 20:48 | 08/17/22 19:21 | 1       |
| m-Xylene & p-Xylene         | <0.00401  | U         | 0.00401  |     | mg/Kg |   | 08/16/22 20:48 | 08/17/22 19:21 | 1       |
| o-Xylene                    | <0.00200  | U         | 0.00200  |     | mg/Kg |   | 08/16/22 20:48 | 08/17/22 19:21 | 1       |
| Xylenes, Total              | <0.00401  | U         | 0.00401  |     | mg/Kg |   | 08/16/22 20:48 | 08/17/22 19:21 | 1       |
| Surrogate                   | %Recovery | Qualifier | Limits   |     |       |   | Prepared       | Analyzed       | Dil Fac |
| 4-Bromofluorobenzene (Surr) | 101       |           | 70 - 130 |     |       |   | 08/16/22 20:48 | 08/17/22 19:21 | 1       |
| 1,4-Difluorobenzene (Surr)  | 106       |           | 70 - 130 |     |       |   | 08/16/22 20:48 | 08/17/22 19:21 | 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 |   |          | 08/17/22 09:03 | 1       |

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

| Analyte   | Result | Qualifier | RL   | MDL | Unit  | D | Prepared | Analyzed       | Dil Fac |
|-----------|--------|-----------|------|-----|-------|---|----------|----------------|---------|
| Total TPH | 104    |           | 50.0 |     | mg/Kg |   |          | 08/15/22 10:31 | 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 |   | 08/12/22 15:05 | 08/13/22 15:08 | 1       |
| Diesel Range Organics (Over C10-C28) | 104    |           | 50.0 |     | mg/Kg |   | 08/12/22 15:05 | 08/13/22 15:08 | 1       |

Eurofins Midland

## Client Sample Results

Client: NT Global  
Project/Site: South Vaccum 354

Job ID: 880-18043-1  
SDG: Lea Co., NM

Client Sample ID: CS-23 (2')

Lab Sample ID: 880-18043-23

Date Collected: 08/12/22 00:00

Matrix: Solid

Date Received: 08/12/22 12:22

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

| Analyte                           | Result    | Qualifier | RL       | MDL | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|-----------------------------------|-----------|-----------|----------|-----|-------|---|----------------|----------------|---------|
| Oil Range Organics (Over C28-C36) | <50.0     | U         | 50.0     |     | mg/Kg |   | 08/12/22 15:05 | 08/13/22 15:08 | 1       |
| Surrogate                         | %Recovery | Qualifier | Limits   |     |       |   | Prepared       | Analyzed       | Dil Fac |
| 1-Chlorooctane                    | 87        |           | 70 - 130 |     |       |   | 08/12/22 15:05 | 08/13/22 15:08 | 1       |
| o-Terphenyl                       | 78        |           | 70 - 130 |     |       |   | 08/12/22 15:05 | 08/13/22 15:08 | 1       |

## Method: 300.0 - Anions, Ion Chromatography - Soluble

| Analyte  | Result | Qualifier | RL   | MDL | Unit  | D | Prepared | Analyzed       | Dil Fac |
|----------|--------|-----------|------|-----|-------|---|----------|----------------|---------|
| Chloride | 378    |           | 5.02 |     | mg/Kg |   |          | 08/17/22 11:44 | 1       |

Client Sample ID: CS-24 (2')

Lab Sample ID: 880-18043-24

Date Collected: 08/12/22 00:00

Matrix: Solid

Date Received: 08/12/22 12:22

## 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 |   | 08/16/22 20:48 | 08/17/22 19:41 | 1       |
| Toluene                     | <0.00200  | U         | 0.00200  |     | mg/Kg |   | 08/16/22 20:48 | 08/17/22 19:41 | 1       |
| Ethylbenzene                | <0.00200  | U         | 0.00200  |     | mg/Kg |   | 08/16/22 20:48 | 08/17/22 19:41 | 1       |
| m-Xylene & p-Xylene         | <0.00399  | U         | 0.00399  |     | mg/Kg |   | 08/16/22 20:48 | 08/17/22 19:41 | 1       |
| o-Xylene                    | <0.00200  | U         | 0.00200  |     | mg/Kg |   | 08/16/22 20:48 | 08/17/22 19:41 | 1       |
| Xylenes, Total              | <0.00399  | U         | 0.00399  |     | mg/Kg |   | 08/16/22 20:48 | 08/17/22 19:41 | 1       |
| Surrogate                   | %Recovery | Qualifier | Limits   |     |       |   | Prepared       | Analyzed       | Dil Fac |
| 4-Bromofluorobenzene (Surr) | 103       |           | 70 - 130 |     |       |   | 08/16/22 20:48 | 08/17/22 19:41 | 1       |
| 1,4-Difluorobenzene (Surr)  | 104       |           | 70 - 130 |     |       |   | 08/16/22 20:48 | 08/17/22 19:41 | 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 |   |          | 08/17/22 09:03 | 1       |

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

| Analyte   | Result | Qualifier | RL   | MDL | Unit  | D | Prepared | Analyzed       | Dil Fac |
|-----------|--------|-----------|------|-----|-------|---|----------|----------------|---------|
| Total TPH | 59.8   |           | 49.8 |     | mg/Kg |   |          | 08/15/22 10:31 | 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 |   | 08/12/22 15:05 | 08/13/22 15:29 | 1       |
| Diesel Range Organics (Over C10-C28) | 59.8      |           | 49.8     |     | mg/Kg |   | 08/12/22 15:05 | 08/13/22 15:29 | 1       |
| Oil Range Organics (Over C28-C36)    | <49.8     | U         | 49.8     |     | mg/Kg |   | 08/12/22 15:05 | 08/13/22 15:29 | 1       |
| Surrogate                            | %Recovery | Qualifier | Limits   |     |       |   | Prepared       | Analyzed       | Dil Fac |
| 1-Chlorooctane                       | 91        |           | 70 - 130 |     |       |   | 08/12/22 15:05 | 08/13/22 15:29 | 1       |
| o-Terphenyl                          | 82        |           | 70 - 130 |     |       |   | 08/12/22 15:05 | 08/13/22 15:29 | 1       |

## Method: 300.0 - Anions, Ion Chromatography - Soluble

| Analyte  | Result | Qualifier | RL   | MDL | Unit  | D | Prepared | Analyzed       | Dil Fac |
|----------|--------|-----------|------|-----|-------|---|----------|----------------|---------|
| Chloride | 289    |           | 5.00 |     | mg/Kg |   |          | 08/17/22 11:53 | 1       |

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## Client Sample Results

Client: NT Global  
Project/Site: South Vaccum 354

Job ID: 880-18043-1  
SDG: Lea Co., NM

Client Sample ID: CS-25 (2')

Lab Sample ID: 880-18043-25

Date Collected: 08/12/22 00:00

Matrix: Solid

Date Received: 08/12/22 12:22

## 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 |   | 08/16/22 20:52 | 08/17/22 09:46 | 1       |
| Toluene             | <0.00199 | U         | 0.00199 |     | mg/Kg |   | 08/16/22 20:52 | 08/17/22 09:46 | 1       |
| Ethylbenzene        | <0.00199 | U         | 0.00199 |     | mg/Kg |   | 08/16/22 20:52 | 08/17/22 09:46 | 1       |
| m-Xylene & p-Xylene | <0.00398 | U         | 0.00398 |     | mg/Kg |   | 08/16/22 20:52 | 08/17/22 09:46 | 1       |
| o-Xylene            | <0.00199 | U         | 0.00199 |     | mg/Kg |   | 08/16/22 20:52 | 08/17/22 09:46 | 1       |
| Xylenes, Total      | <0.00398 | U         | 0.00398 |     | mg/Kg |   | 08/16/22 20:52 | 08/17/22 09:46 | 1       |

| Surrogate                   | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 4-Bromofluorobenzene (Surr) | 84        |           | 70 - 130 | 08/16/22 20:52 | 08/17/22 09:46 | 1       |
| 1,4-Difluorobenzene (Surr)  | 76        |           | 70 - 130 | 08/16/22 20:52 | 08/17/22 09:46 | 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 |   |          | 08/17/22 09:03 | 1       |

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

| Analyte   | Result | Qualifier | RL   | MDL | Unit  | D | Prepared | Analyzed       | Dil Fac |
|-----------|--------|-----------|------|-----|-------|---|----------|----------------|---------|
| Total TPH | 60.4   |           | 50.0 |     | mg/Kg |   |          | 08/15/22 10:31 | 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 |   | 08/12/22 15:05 | 08/13/22 15:50 | 1       |
| Diesel Range Organics (Over C10-C28) | 60.4   |           | 50.0 |     | mg/Kg |   | 08/12/22 15:05 | 08/13/22 15:50 | 1       |
| Oil Range Organics (Over C28-C36)    | <50.0  | U         | 50.0 |     | mg/Kg |   | 08/12/22 15:05 | 08/13/22 15:50 | 1       |

| Surrogate      | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|----------------|-----------|-----------|----------|----------------|----------------|---------|
| 1-Chlorooctane | 119       |           | 70 - 130 | 08/12/22 15:05 | 08/13/22 15:50 | 1       |
| o-Terphenyl    | 102       |           | 70 - 130 | 08/12/22 15:05 | 08/13/22 15:50 | 1       |

## Method: 300.0 - Anions, Ion Chromatography - Soluble

| Analyte  | Result | Qualifier | RL   | MDL | Unit  | D | Prepared | Analyzed       | Dil Fac |
|----------|--------|-----------|------|-----|-------|---|----------|----------------|---------|
| Chloride | 225    |           | 4.98 |     | mg/Kg |   |          | 08/17/22 12:21 | 1       |

Client Sample ID: CS-26 (1')

Lab Sample ID: 880-18043-26

Date Collected: 08/12/22 00:00

Matrix: Solid

Date Received: 08/12/22 12:22

## 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 |   | 08/16/22 20:52 | 08/17/22 10:07 | 1       |
| Toluene             | <0.00201 | U         | 0.00201 |     | mg/Kg |   | 08/16/22 20:52 | 08/17/22 10:07 | 1       |
| Ethylbenzene        | <0.00201 | U         | 0.00201 |     | mg/Kg |   | 08/16/22 20:52 | 08/17/22 10:07 | 1       |
| m-Xylene & p-Xylene | <0.00402 | U         | 0.00402 |     | mg/Kg |   | 08/16/22 20:52 | 08/17/22 10:07 | 1       |
| o-Xylene            | <0.00201 | U         | 0.00201 |     | mg/Kg |   | 08/16/22 20:52 | 08/17/22 10:07 | 1       |
| Xylenes, Total      | <0.00402 | U         | 0.00402 |     | mg/Kg |   | 08/16/22 20:52 | 08/17/22 10:07 | 1       |

| Surrogate                   | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 4-Bromofluorobenzene (Surr) | 91        |           | 70 - 130 | 08/16/22 20:52 | 08/17/22 10:07 | 1       |
| 1,4-Difluorobenzene (Surr)  | 80        |           | 70 - 130 | 08/16/22 20:52 | 08/17/22 10:07 | 1       |

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## Client Sample Results

Client: NT Global  
Project/Site: South Vaccum 354

Job ID: 880-18043-1  
SDG: Lea Co., NM

Client Sample ID: CS-26 (1')

Lab Sample ID: 880-18043-26

Date Collected: 08/12/22 00:00

Matrix: Solid

Date Received: 08/12/22 12:22

## 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 |   |          | 08/17/22 09:03 | 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 |   |          | 08/15/22 10:31 | 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 |   | 08/12/22 15:05 | 08/13/22 16:12 | 1       |
| Diesel Range Organics (Over C10-C28) | <50.0     | U         | 50.0     |     | mg/Kg |   | 08/12/22 15:05 | 08/13/22 16:12 | 1       |
| Oil Range Organics (Over C28-C36)    | <50.0     | U         | 50.0     |     | mg/Kg |   | 08/12/22 15:05 | 08/13/22 16:12 | 1       |
| Surrogate                            | %Recovery | Qualifier | Limits   |     |       |   | Prepared       | Analyzed       | Dil Fac |
| 1-Chlorooctane                       | 85        |           | 70 - 130 |     |       |   | 08/12/22 15:05 | 08/13/22 16:12 | 1       |
| o-Terphenyl                          | 61        | S1-       | 70 - 130 |     |       |   | 08/12/22 15:05 | 08/13/22 16:12 | 1       |

## Method: 300.0 - Anions, Ion Chromatography - Soluble

| Analyte  | Result | Qualifier | RL   | MDL | Unit  | D | Prepared | Analyzed       | Dil Fac |
|----------|--------|-----------|------|-----|-------|---|----------|----------------|---------|
| Chloride | 50.4   |           | 4.99 |     | mg/Kg |   |          | 08/17/22 12:30 | 1       |

Client Sample ID: CS-27 (1')

Lab Sample ID: 880-18043-27

Date Collected: 08/12/22 00:00

Matrix: Solid

Date Received: 08/12/22 12:22

## 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 |   | 08/16/22 20:52 | 08/17/22 10:27 | 1       |
| Toluene                     | <0.00199  | U         | 0.00199  |     | mg/Kg |   | 08/16/22 20:52 | 08/17/22 10:27 | 1       |
| Ethylbenzene                | <0.00199  | U         | 0.00199  |     | mg/Kg |   | 08/16/22 20:52 | 08/17/22 10:27 | 1       |
| m-Xylene & p-Xylene         | <0.00398  | U         | 0.00398  |     | mg/Kg |   | 08/16/22 20:52 | 08/17/22 10:27 | 1       |
| o-Xylene                    | <0.00199  | U         | 0.00199  |     | mg/Kg |   | 08/16/22 20:52 | 08/17/22 10:27 | 1       |
| Xylenes, Total              | <0.00398  | U         | 0.00398  |     | mg/Kg |   | 08/16/22 20:52 | 08/17/22 10:27 | 1       |
| Surrogate                   | %Recovery | Qualifier | Limits   |     |       |   | Prepared       | Analyzed       | Dil Fac |
| 4-Bromofluorobenzene (Surr) | 119       |           | 70 - 130 |     |       |   | 08/16/22 20:52 | 08/17/22 10:27 | 1       |
| 1,4-Difluorobenzene (Surr)  | 108       |           | 70 - 130 |     |       |   | 08/16/22 20:52 | 08/17/22 10:27 | 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 |   |          | 08/17/22 09:03 | 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 |   |          | 08/15/22 10:31 | 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 |   | 08/12/22 15:05 | 08/13/22 16:33 | 1       |
| Diesel Range Organics (Over C10-C28) | <50.0  | U         | 50.0 |     | mg/Kg |   | 08/12/22 15:05 | 08/13/22 16:33 | 1       |

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## Client Sample Results

Client: NT Global  
Project/Site: South Vaccum 354

Job ID: 880-18043-1  
SDG: Lea Co., NM

Client Sample ID: CS-27 (1')

Lab Sample ID: 880-18043-27

Date Collected: 08/12/22 00:00

Matrix: Solid

Date Received: 08/12/22 12:22

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

| Analyte                           | Result    | Qualifier | RL       | MDL | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|-----------------------------------|-----------|-----------|----------|-----|-------|---|----------------|----------------|---------|
| Oil Range Organics (Over C28-C36) | <50.0     | U         | 50.0     |     | mg/Kg |   | 08/12/22 15:05 | 08/13/22 16:33 | 1       |
| Surrogate                         | %Recovery | Qualifier | Limits   |     |       |   | Prepared       | Analyzed       | Dil Fac |
| 1-Chlorooctane                    | 98        |           | 70 - 130 |     |       |   | 08/12/22 15:05 | 08/13/22 16:33 | 1       |
| o-Terphenyl                       | 86        |           | 70 - 130 |     |       |   | 08/12/22 15:05 | 08/13/22 16:33 | 1       |

## Method: 300.0 - Anions, Ion Chromatography - Soluble

| Analyte  | Result | Qualifier | RL   | MDL | Unit  | D | Prepared | Analyzed       | Dil Fac |
|----------|--------|-----------|------|-----|-------|---|----------|----------------|---------|
| Chloride | 159    |           | 5.00 |     | mg/Kg |   |          | 08/17/22 12:58 | 1       |

Client Sample ID: CS-28 (1')

Lab Sample ID: 880-18043-28

Date Collected: 08/12/22 00:00

Matrix: Solid

Date Received: 08/12/22 12:22

## 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 |   | 08/16/22 20:52 | 08/17/22 10:48 | 1       |
| Toluene                     | <0.00199  | U         | 0.00199  |     | mg/Kg |   | 08/16/22 20:52 | 08/17/22 10:48 | 1       |
| Ethylbenzene                | <0.00199  | U         | 0.00199  |     | mg/Kg |   | 08/16/22 20:52 | 08/17/22 10:48 | 1       |
| m-Xylene & p-Xylene         | <0.00398  | U         | 0.00398  |     | mg/Kg |   | 08/16/22 20:52 | 08/17/22 10:48 | 1       |
| o-Xylene                    | <0.00199  | U         | 0.00199  |     | mg/Kg |   | 08/16/22 20:52 | 08/17/22 10:48 | 1       |
| Xylenes, Total              | <0.00398  | U         | 0.00398  |     | mg/Kg |   | 08/16/22 20:52 | 08/17/22 10:48 | 1       |
| Surrogate                   | %Recovery | Qualifier | Limits   |     |       |   | Prepared       | Analyzed       | Dil Fac |
| 4-Bromofluorobenzene (Surr) | 104       |           | 70 - 130 |     |       |   | 08/16/22 20:52 | 08/17/22 10:48 | 1       |
| 1,4-Difluorobenzene (Surr)  | 120       |           | 70 - 130 |     |       |   | 08/16/22 20:52 | 08/17/22 10:48 | 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 |   |          | 08/17/22 09:03 | 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 |   |          | 08/15/22 10:31 | 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 |   | 08/12/22 15:05 | 08/13/22 16:55 | 1       |
| Diesel Range Organics (Over C10-C28) | <50.0     | U         | 50.0     |     | mg/Kg |   | 08/12/22 15:05 | 08/13/22 16:55 | 1       |
| Oil Range Organics (Over C28-C36)    | <50.0     | U         | 50.0     |     | mg/Kg |   | 08/12/22 15:05 | 08/13/22 16:55 | 1       |
| Surrogate                            | %Recovery | Qualifier | Limits   |     |       |   | Prepared       | Analyzed       | Dil Fac |
| 1-Chlorooctane                       | 105       |           | 70 - 130 |     |       |   | 08/12/22 15:05 | 08/13/22 16:55 | 1       |
| o-Terphenyl                          | 89        |           | 70 - 130 |     |       |   | 08/12/22 15:05 | 08/13/22 16:55 | 1       |

## Method: 300.0 - Anions, Ion Chromatography - Soluble

| Analyte  | Result | Qualifier | RL   | MDL | Unit  | D | Prepared | Analyzed       | Dil Fac |
|----------|--------|-----------|------|-----|-------|---|----------|----------------|---------|
| Chloride | 248    |           | 5.04 |     | mg/Kg |   |          | 08/17/22 13:07 | 1       |

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## Client Sample Results

Client: NT Global  
Project/Site: South Vaccum 354

Job ID: 880-18043-1  
SDG: Lea Co., NM

Client Sample ID: CS-29 (1')

Lab Sample ID: 880-18043-29

Date Collected: 08/12/22 00:00

Matrix: Solid

Date Received: 08/12/22 12:22

## 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 |   | 08/16/22 20:52 | 08/17/22 11:09 | 1       |
| Toluene             | <0.00200 | U         | 0.00200 |     | mg/Kg |   | 08/16/22 20:52 | 08/17/22 11:09 | 1       |
| Ethylbenzene        | <0.00200 | U         | 0.00200 |     | mg/Kg |   | 08/16/22 20:52 | 08/17/22 11:09 | 1       |
| m-Xylene & p-Xylene | <0.00399 | U         | 0.00399 |     | mg/Kg |   | 08/16/22 20:52 | 08/17/22 11:09 | 1       |
| o-Xylene            | <0.00200 | U         | 0.00200 |     | mg/Kg |   | 08/16/22 20:52 | 08/17/22 11:09 | 1       |
| Xylenes, Total      | <0.00399 | U         | 0.00399 |     | mg/Kg |   | 08/16/22 20:52 | 08/17/22 11:09 | 1       |

| Surrogate                   | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 4-Bromofluorobenzene (Surr) | 101       |           | 70 - 130 | 08/16/22 20:52 | 08/17/22 11:09 | 1       |
| 1,4-Difluorobenzene (Surr)  | 92        |           | 70 - 130 | 08/16/22 20:52 | 08/17/22 11:09 | 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 |   |          | 08/17/22 09:03 | 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 |   |          | 08/15/22 10:31 | 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 |   | 08/12/22 15:05 | 08/13/22 17:16 | 1       |
| Diesel Range Organics (Over C10-C28) | <49.9  | U         | 49.9 |     | mg/Kg |   | 08/12/22 15:05 | 08/13/22 17:16 | 1       |
| Oil Range Organics (Over C28-C36)    | <49.9  | U         | 49.9 |     | mg/Kg |   | 08/12/22 15:05 | 08/13/22 17:16 | 1       |

| Surrogate      | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|----------------|-----------|-----------|----------|----------------|----------------|---------|
| 1-Chlorooctane | 76        |           | 70 - 130 | 08/12/22 15:05 | 08/13/22 17:16 | 1       |
| o-Terphenyl    | 63        | S1-       | 70 - 130 | 08/12/22 15:05 | 08/13/22 17:16 | 1       |

## Method: 300.0 - Anions, Ion Chromatography - Soluble

| Analyte  | Result | Qualifier | RL   | MDL | Unit  | D | Prepared | Analyzed       | Dil Fac |
|----------|--------|-----------|------|-----|-------|---|----------|----------------|---------|
| Chloride | 127    |           | 5.01 |     | mg/Kg |   |          | 08/17/22 13:16 | 1       |

Client Sample ID: CS-30 (1')

Lab Sample ID: 880-18043-30

Date Collected: 08/12/22 00:00

Matrix: Solid

Date Received: 08/12/22 12:22

## 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 |   | 08/16/22 20:52 | 08/17/22 11:29 | 1       |
| Toluene             | <0.00199 | U         | 0.00199 |     | mg/Kg |   | 08/16/22 20:52 | 08/17/22 11:29 | 1       |
| Ethylbenzene        | <0.00199 | U         | 0.00199 |     | mg/Kg |   | 08/16/22 20:52 | 08/17/22 11:29 | 1       |
| m-Xylene & p-Xylene | <0.00398 | U         | 0.00398 |     | mg/Kg |   | 08/16/22 20:52 | 08/17/22 11:29 | 1       |
| o-Xylene            | <0.00199 | U         | 0.00199 |     | mg/Kg |   | 08/16/22 20:52 | 08/17/22 11:29 | 1       |
| Xylenes, Total      | <0.00398 | U         | 0.00398 |     | mg/Kg |   | 08/16/22 20:52 | 08/17/22 11:29 | 1       |

| Surrogate                   | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 4-Bromofluorobenzene (Surr) | 109       |           | 70 - 130 | 08/16/22 20:52 | 08/17/22 11:29 | 1       |
| 1,4-Difluorobenzene (Surr)  | 82        |           | 70 - 130 | 08/16/22 20:52 | 08/17/22 11:29 | 1       |

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## Client Sample Results

Client: NT Global  
Project/Site: South Vaccum 354

Job ID: 880-18043-1  
SDG: Lea Co., NM

Client Sample ID: CS-30 (1')

Lab Sample ID: 880-18043-30

Date Collected: 08/12/22 00:00

Matrix: Solid

Date Received: 08/12/22 12:22

## 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 |   |          | 08/17/22 09:03 | 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 |   |          | 08/15/22 10:31 | 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 |   | 08/12/22 15:05 | 08/13/22 17:38 | 1       |
| Diesel Range Organics (Over C10-C28) | <49.9     | U         | 49.9     |     | mg/Kg |   | 08/12/22 15:05 | 08/13/22 17:38 | 1       |
| Oil Range Organics (Over C28-C36)    | <49.9     | U         | 49.9     |     | mg/Kg |   | 08/12/22 15:05 | 08/13/22 17:38 | 1       |
| Surrogate                            | %Recovery | Qualifier | Limits   |     |       |   | Prepared       | Analyzed       | Dil Fac |
| 1-Chlorooctane                       | 102       |           | 70 - 130 |     |       |   | 08/12/22 15:05 | 08/13/22 17:38 | 1       |
| o-Terphenyl                          | 93        |           | 70 - 130 |     |       |   | 08/12/22 15:05 | 08/13/22 17:38 | 1       |

## Method: 300.0 - Anions, Ion Chromatography - Soluble

| Analyte  | Result | Qualifier | RL   | MDL | Unit  | D | Prepared | Analyzed       | Dil Fac |
|----------|--------|-----------|------|-----|-------|---|----------|----------------|---------|
| Chloride | 73.1   |           | 4.98 |     | mg/Kg |   |          | 08/17/22 13:26 | 1       |

Client Sample ID: CS-31 (1')

Lab Sample ID: 880-18043-31

Date Collected: 08/12/22 00:00

Matrix: Solid

Date Received: 08/12/22 12:22

## 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 |   | 08/16/22 20:52 | 08/17/22 11:50 | 1       |
| Toluene                     | <0.00200  | U         | 0.00200  |     | mg/Kg |   | 08/16/22 20:52 | 08/17/22 11:50 | 1       |
| Ethylbenzene                | <0.00200  | U         | 0.00200  |     | mg/Kg |   | 08/16/22 20:52 | 08/17/22 11:50 | 1       |
| m-Xylene & p-Xylene         | <0.00401  | U         | 0.00401  |     | mg/Kg |   | 08/16/22 20:52 | 08/17/22 11:50 | 1       |
| o-Xylene                    | <0.00200  | U         | 0.00200  |     | mg/Kg |   | 08/16/22 20:52 | 08/17/22 11:50 | 1       |
| Xylenes, Total              | <0.00401  | U         | 0.00401  |     | mg/Kg |   | 08/16/22 20:52 | 08/17/22 11:50 | 1       |
| Surrogate                   | %Recovery | Qualifier | Limits   |     |       |   | Prepared       | Analyzed       | Dil Fac |
| 4-Bromofluorobenzene (Surr) | 94        |           | 70 - 130 |     |       |   | 08/16/22 20:52 | 08/17/22 11:50 | 1       |
| 1,4-Difluorobenzene (Surr)  | 98        |           | 70 - 130 |     |       |   | 08/16/22 20:52 | 08/17/22 11:50 | 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 |   |          | 08/17/22 09:03 | 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 |   |          | 08/15/22 10:31 | 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 |   | 08/12/22 15:05 | 08/13/22 18:21 | 1       |
| Diesel Range Organics (Over C10-C28) | <50.0  | U         | 50.0 |     | mg/Kg |   | 08/12/22 15:05 | 08/13/22 18:21 | 1       |

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## Client Sample Results

Client: NT Global  
Project/Site: South Vaccum 354

Job ID: 880-18043-1  
SDG: Lea Co., NM

Client Sample ID: CS-31 (1')

Lab Sample ID: 880-18043-31

Date Collected: 08/12/22 00:00

Matrix: Solid

Date Received: 08/12/22 12:22

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

| Analyte                           | Result    | Qualifier | RL       | MDL | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|-----------------------------------|-----------|-----------|----------|-----|-------|---|----------------|----------------|---------|
| Oil Range Organics (Over C28-C36) | <50.0     | U         | 50.0     |     | mg/Kg |   | 08/12/22 15:05 | 08/13/22 18:21 | 1       |
| Surrogate                         | %Recovery | Qualifier | Limits   |     |       |   | Prepared       | Analyzed       | Dil Fac |
| 1-Chlorooctane                    | 102       |           | 70 - 130 |     |       |   | 08/12/22 15:05 | 08/13/22 18:21 | 1       |
| o-Terphenyl                       | 93        |           | 70 - 130 |     |       |   | 08/12/22 15:05 | 08/13/22 18:21 | 1       |

## Method: 300.0 - Anions, Ion Chromatography - Soluble

| Analyte  | Result | Qualifier | RL   | MDL | Unit  | D | Prepared | Analyzed       | Dil Fac |
|----------|--------|-----------|------|-----|-------|---|----------|----------------|---------|
| Chloride | 79.3   |           | 4.99 |     | mg/Kg |   |          | 08/17/22 13:35 | 1       |

Client Sample ID: SW-1

Lab Sample ID: 880-18043-32

Date Collected: 08/12/22 00:00

Matrix: Solid

Date Received: 08/12/22 12:22

## 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 |   | 08/16/22 20:52 | 08/17/22 12:10 | 1       |
| Toluene                     | <0.00201  | U         | 0.00201  |     | mg/Kg |   | 08/16/22 20:52 | 08/17/22 12:10 | 1       |
| Ethylbenzene                | <0.00201  | U         | 0.00201  |     | mg/Kg |   | 08/16/22 20:52 | 08/17/22 12:10 | 1       |
| m-Xylene & p-Xylene         | <0.00402  | U         | 0.00402  |     | mg/Kg |   | 08/16/22 20:52 | 08/17/22 12:10 | 1       |
| o-Xylene                    | <0.00201  | U         | 0.00201  |     | mg/Kg |   | 08/16/22 20:52 | 08/17/22 12:10 | 1       |
| Xylenes, Total              | <0.00402  | U         | 0.00402  |     | mg/Kg |   | 08/16/22 20:52 | 08/17/22 12:10 | 1       |
| Surrogate                   | %Recovery | Qualifier | Limits   |     |       |   | Prepared       | Analyzed       | Dil Fac |
| 4-Bromofluorobenzene (Surr) | 142       | S1+       | 70 - 130 |     |       |   | 08/16/22 20:52 | 08/17/22 12:10 | 1       |
| 1,4-Difluorobenzene (Surr)  | 91        |           | 70 - 130 |     |       |   | 08/16/22 20:52 | 08/17/22 12:10 | 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 |   |          | 08/17/22 09:03 | 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 |   |          | 08/15/22 10:31 | 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 |   | 08/12/22 15:05 | 08/13/22 18:42 | 1       |
| Diesel Range Organics (Over C10-C28) | <49.9     | U         | 49.9     |     | mg/Kg |   | 08/12/22 15:05 | 08/13/22 18:42 | 1       |
| Oil Range Organics (Over C28-C36)    | <49.9     | U         | 49.9     |     | mg/Kg |   | 08/12/22 15:05 | 08/13/22 18:42 | 1       |
| Surrogate                            | %Recovery | Qualifier | Limits   |     |       |   | Prepared       | Analyzed       | Dil Fac |
| 1-Chlorooctane                       | 84        |           | 70 - 130 |     |       |   | 08/12/22 15:05 | 08/13/22 18:42 | 1       |
| o-Terphenyl                          | 73        |           | 70 - 130 |     |       |   | 08/12/22 15:05 | 08/13/22 18:42 | 1       |

## Method: 300.0 - Anions, Ion Chromatography - Soluble

| Analyte  | Result | Qualifier | RL   | MDL | Unit  | D | Prepared | Analyzed       | Dil Fac |
|----------|--------|-----------|------|-----|-------|---|----------|----------------|---------|
| Chloride | 91.1   |           | 5.00 |     | mg/Kg |   |          | 08/17/22 13:44 | 1       |

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## Client Sample Results

Client: NT Global  
Project/Site: South Vaccum 354

Job ID: 880-18043-1  
SDG: Lea Co., NM

Client Sample ID: SW-2

Lab Sample ID: 880-18043-33

Date Collected: 08/12/22 00:00

Matrix: Solid

Date Received: 08/12/22 12:22

## 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 |   | 08/16/22 20:52 | 08/17/22 12:31 | 1       |
| Toluene             | <0.00200 | U         | 0.00200 |     | mg/Kg |   | 08/16/22 20:52 | 08/17/22 12:31 | 1       |
| Ethylbenzene        | <0.00200 | U         | 0.00200 |     | mg/Kg |   | 08/16/22 20:52 | 08/17/22 12:31 | 1       |
| m-Xylene & p-Xylene | <0.00399 | U         | 0.00399 |     | mg/Kg |   | 08/16/22 20:52 | 08/17/22 12:31 | 1       |
| o-Xylene            | <0.00200 | U         | 0.00200 |     | mg/Kg |   | 08/16/22 20:52 | 08/17/22 12:31 | 1       |
| Xylenes, Total      | <0.00399 | U         | 0.00399 |     | mg/Kg |   | 08/16/22 20:52 | 08/17/22 12:31 | 1       |

| Surrogate                   | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 4-Bromofluorobenzene (Surr) | 171       | S1+       | 70 - 130 | 08/16/22 20:52 | 08/17/22 12:31 | 1       |
| 1,4-Difluorobenzene (Surr)  | 76        |           | 70 - 130 | 08/16/22 20:52 | 08/17/22 12:31 | 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 |   |          | 08/17/22 09:03 | 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 |   |          | 08/15/22 10:31 | 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 |   | 08/12/22 15:05 | 08/13/22 19:04 | 1       |
| Diesel Range Organics (Over C10-C28) | <49.9  | U         | 49.9 |     | mg/Kg |   | 08/12/22 15:05 | 08/13/22 19:04 | 1       |
| Oil Range Organics (Over C28-C36)    | <49.9  | U         | 49.9 |     | mg/Kg |   | 08/12/22 15:05 | 08/13/22 19:04 | 1       |

| Surrogate      | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|----------------|-----------|-----------|----------|----------------|----------------|---------|
| 1-Chlorooctane | 102       |           | 70 - 130 | 08/12/22 15:05 | 08/13/22 19:04 | 1       |
| o-Terphenyl    | 85        |           | 70 - 130 | 08/12/22 15:05 | 08/13/22 19:04 | 1       |

## Method: 300.0 - Anions, Ion Chromatography - Soluble

| Analyte  | Result | Qualifier | RL   | MDL | Unit  | D | Prepared | Analyzed       | Dil Fac |
|----------|--------|-----------|------|-----|-------|---|----------|----------------|---------|
| Chloride | 86.1   |           | 5.02 |     | mg/Kg |   |          | 08/17/22 13:53 | 1       |

Client Sample ID: SW-3

Lab Sample ID: 880-18043-34

Date Collected: 08/12/22 00:00

Matrix: Solid

Date Received: 08/12/22 12:22

## 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 |   | 08/16/22 20:52 | 08/17/22 12:52 | 1       |
| Toluene             | <0.00199 | U         | 0.00199 |     | mg/Kg |   | 08/16/22 20:52 | 08/17/22 12:52 | 1       |
| Ethylbenzene        | <0.00199 | U         | 0.00199 |     | mg/Kg |   | 08/16/22 20:52 | 08/17/22 12:52 | 1       |
| m-Xylene & p-Xylene | <0.00398 | U         | 0.00398 |     | mg/Kg |   | 08/16/22 20:52 | 08/17/22 12:52 | 1       |
| o-Xylene            | <0.00199 | U         | 0.00199 |     | mg/Kg |   | 08/16/22 20:52 | 08/17/22 12:52 | 1       |
| Xylenes, Total      | <0.00398 | U         | 0.00398 |     | mg/Kg |   | 08/16/22 20:52 | 08/17/22 12:52 | 1       |

| Surrogate                   | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 4-Bromofluorobenzene (Surr) | 123       |           | 70 - 130 | 08/16/22 20:52 | 08/17/22 12:52 | 1       |
| 1,4-Difluorobenzene (Surr)  | 84        |           | 70 - 130 | 08/16/22 20:52 | 08/17/22 12:52 | 1       |

Eurofins Midland

## Client Sample Results

Client: NT Global  
Project/Site: South Vaccum 354

Job ID: 880-18043-1  
SDG: Lea Co., NM

Client Sample ID: SW-3

Lab Sample ID: 880-18043-34

Date Collected: 08/12/22 00:00

Matrix: Solid

Date Received: 08/12/22 12:22

## 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 |   |          | 08/17/22 09:03 | 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 |   |          | 08/15/22 10:31 | 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 |   | 08/12/22 15:05 | 08/13/22 19:25 | 1       |
| Diesel Range Organics (Over C10-C28) | <49.8     | U         | 49.8     |     | mg/Kg |   | 08/12/22 15:05 | 08/13/22 19:25 | 1       |
| Oil Range Organics (Over C28-C36)    | <49.8     | U         | 49.8     |     | mg/Kg |   | 08/12/22 15:05 | 08/13/22 19:25 | 1       |
| Surrogate                            | %Recovery | Qualifier | Limits   |     |       |   | Prepared       | Analyzed       | Dil Fac |
| 1-Chlorooctane                       | 92        |           | 70 - 130 |     |       |   | 08/12/22 15:05 | 08/13/22 19:25 | 1       |
| o-Terphenyl                          | 83        |           | 70 - 130 |     |       |   | 08/12/22 15:05 | 08/13/22 19:25 | 1       |

## Method: 300.0 - Anions, Ion Chromatography - Soluble

| Analyte  | Result | Qualifier | RL   | MDL | Unit  | D | Prepared | Analyzed       | Dil Fac |
|----------|--------|-----------|------|-----|-------|---|----------|----------------|---------|
| Chloride | 228    |           | 4.95 |     | mg/Kg |   |          | 08/16/22 23:17 | 1       |

Client Sample ID: SW-4

Lab Sample ID: 880-18043-35

Date Collected: 08/12/22 00:00

Matrix: Solid

Date Received: 08/12/22 12:22

## 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 |   | 08/16/22 20:52 | 08/17/22 19:06 | 1       |
| Toluene                     | <0.00201  | U         | 0.00201  |     | mg/Kg |   | 08/16/22 20:52 | 08/17/22 19:06 | 1       |
| Ethylbenzene                | <0.00201  | U         | 0.00201  |     | mg/Kg |   | 08/16/22 20:52 | 08/17/22 19:06 | 1       |
| m-Xylene & p-Xylene         | <0.00402  | U         | 0.00402  |     | mg/Kg |   | 08/16/22 20:52 | 08/17/22 19:06 | 1       |
| o-Xylene                    | <0.00201  | U         | 0.00201  |     | mg/Kg |   | 08/16/22 20:52 | 08/17/22 19:06 | 1       |
| Xylenes, Total              | <0.00402  | U         | 0.00402  |     | mg/Kg |   | 08/16/22 20:52 | 08/17/22 19:06 | 1       |
| Surrogate                   | %Recovery | Qualifier | Limits   |     |       |   | Prepared       | Analyzed       | Dil Fac |
| 4-Bromofluorobenzene (Surr) | 110       |           | 70 - 130 |     |       |   | 08/16/22 20:52 | 08/17/22 19:06 | 1       |
| 1,4-Difluorobenzene (Surr)  | 116       |           | 70 - 130 |     |       |   | 08/16/22 20:52 | 08/17/22 19:06 | 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 |   |          | 08/17/22 09:03 | 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 |   |          | 08/15/22 10:31 | 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 |   | 08/12/22 15:05 | 08/13/22 19:47 | 1       |
| Diesel Range Organics (Over C10-C28) | <50.0  | U         | 50.0 |     | mg/Kg |   | 08/12/22 15:05 | 08/13/22 19:47 | 1       |

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## Client Sample Results

Client: NT Global  
Project/Site: South Vacuum 354

Job ID: 880-18043-1  
SDG: Lea Co., NM

## Client Sample ID: SW-4

## Lab Sample ID: 880-18043-35

Date Collected: 08/12/22 00:00

Matrix: Solid

Date Received: 08/12/22 12:22

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

| Analyte                           | Result    | Qualifier | RL       | MDL | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|-----------------------------------|-----------|-----------|----------|-----|-------|---|----------------|----------------|---------|
| Oil Range Organics (Over C28-C36) | <50.0     | U         | 50.0     |     | mg/Kg |   | 08/12/22 15:05 | 08/13/22 19:47 | 1       |
| Surrogate                         | %Recovery | Qualifier | Limits   |     |       |   | Prepared       | Analyzed       | Dil Fac |
| 1-Chlorooctane                    | 93        |           | 70 - 130 |     |       |   | 08/12/22 15:05 | 08/13/22 19:47 | 1       |
| o-Terphenyl                       | 85        |           | 70 - 130 |     |       |   | 08/12/22 15:05 | 08/13/22 19:47 | 1       |

## Method: 300.0 - Anions, Ion Chromatography - Soluble

| Analyte  | Result | Qualifier | RL   | MDL | Unit  | D | Prepared | Analyzed       | Dil Fac |
|----------|--------|-----------|------|-----|-------|---|----------|----------------|---------|
| Chloride | 223    |           | 5.00 |     | mg/Kg |   |          | 08/16/22 23:45 | 1       |

## Client Sample ID: SW-5

## Lab Sample ID: 880-18043-36

Date Collected: 08/12/22 00:00

Matrix: Solid

Date Received: 08/12/22 12:22

## 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 |   | 08/16/22 20:52 | 08/17/22 19:27 | 1       |
| Toluene                     | <0.00200  | U         | 0.00200  |     | mg/Kg |   | 08/16/22 20:52 | 08/17/22 19:27 | 1       |
| Ethylbenzene                | <0.00200  | U         | 0.00200  |     | mg/Kg |   | 08/16/22 20:52 | 08/17/22 19:27 | 1       |
| m-Xylene & p-Xylene         | <0.00401  | U         | 0.00401  |     | mg/Kg |   | 08/16/22 20:52 | 08/17/22 19:27 | 1       |
| o-Xylene                    | <0.00200  | U         | 0.00200  |     | mg/Kg |   | 08/16/22 20:52 | 08/17/22 19:27 | 1       |
| Xylenes, Total              | <0.00401  | U         | 0.00401  |     | mg/Kg |   | 08/16/22 20:52 | 08/17/22 19:27 | 1       |
| Surrogate                   | %Recovery | Qualifier | Limits   |     |       |   | Prepared       | Analyzed       | Dil Fac |
| 4-Bromofluorobenzene (Surr) | 101       |           | 70 - 130 |     |       |   | 08/16/22 20:52 | 08/17/22 19:27 | 1       |
| 1,4-Difluorobenzene (Surr)  | 94        |           | 70 - 130 |     |       |   | 08/16/22 20:52 | 08/17/22 19:27 | 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 |   |          | 08/17/22 09:03 | 1       |

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

| Analyte   | Result | Qualifier | RL   | MDL | Unit  | D | Prepared | Analyzed       | Dil Fac |
|-----------|--------|-----------|------|-----|-------|---|----------|----------------|---------|
| Total TPH | 51.4   |           | 49.9 |     | mg/Kg |   |          | 08/15/22 10:31 | 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 |   | 08/12/22 15:05 | 08/13/22 20:08 | 1       |
| Diesel Range Organics (Over C10-C28) | 51.4      |           | 49.9     |     | mg/Kg |   | 08/12/22 15:05 | 08/13/22 20:08 | 1       |
| Oil Range Organics (Over C28-C36)    | <49.9     | U         | 49.9     |     | mg/Kg |   | 08/12/22 15:05 | 08/13/22 20:08 | 1       |
| Surrogate                            | %Recovery | Qualifier | Limits   |     |       |   | Prepared       | Analyzed       | Dil Fac |
| 1-Chlorooctane                       | 79        |           | 70 - 130 |     |       |   | 08/12/22 15:05 | 08/13/22 20:08 | 1       |
| o-Terphenyl                          | 67        | S1-       | 70 - 130 |     |       |   | 08/12/22 15:05 | 08/13/22 20:08 | 1       |

## Method: 300.0 - Anions, Ion Chromatography - Soluble

| Analyte  | Result | Qualifier | RL   | MDL | Unit  | D | Prepared | Analyzed       | Dil Fac |
|----------|--------|-----------|------|-----|-------|---|----------|----------------|---------|
| Chloride | 464    |           | 4.99 |     | mg/Kg |   |          | 08/16/22 23:54 | 1       |

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## Client Sample Results

Client: NT Global  
Project/Site: South Vaccum 354

Job ID: 880-18043-1  
SDG: Lea Co., NM

Client Sample ID: SW-6

Lab Sample ID: 880-18043-37

Date Collected: 08/12/22 00:00

Matrix: Solid

Date Received: 08/12/22 12:22

## 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 |   | 08/16/22 20:52 | 08/17/22 19:47 | 1       |
| Toluene             | <0.00202 | U         | 0.00202 |     | mg/Kg |   | 08/16/22 20:52 | 08/17/22 19:47 | 1       |
| Ethylbenzene        | <0.00202 | U         | 0.00202 |     | mg/Kg |   | 08/16/22 20:52 | 08/17/22 19:47 | 1       |
| m-Xylene & p-Xylene | <0.00404 | U         | 0.00404 |     | mg/Kg |   | 08/16/22 20:52 | 08/17/22 19:47 | 1       |
| o-Xylene            | <0.00202 | U         | 0.00202 |     | mg/Kg |   | 08/16/22 20:52 | 08/17/22 19:47 | 1       |
| Xylenes, Total      | <0.00404 | U         | 0.00404 |     | mg/Kg |   | 08/16/22 20:52 | 08/17/22 19:47 | 1       |

| Surrogate                   | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 4-Bromofluorobenzene (Surr) | 110       |           | 70 - 130 | 08/16/22 20:52 | 08/17/22 19:47 | 1       |
| 1,4-Difluorobenzene (Surr)  | 99        |           | 70 - 130 | 08/16/22 20:52 | 08/17/22 19:47 | 1       |

## Method: Total BTEX - Total BTEX Calculation

| Analyte    | Result   | Qualifier | RL      | MDL | Unit  | D | Prepared | Analyzed       | Dil Fac |
|------------|----------|-----------|---------|-----|-------|---|----------|----------------|---------|
| Total BTEX | <0.00404 | U         | 0.00404 |     | mg/Kg |   |          | 08/17/22 09:03 | 1       |

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

| Analyte   | Result | Qualifier | RL   | MDL | Unit  | D | Prepared | Analyzed       | Dil Fac |
|-----------|--------|-----------|------|-----|-------|---|----------|----------------|---------|
| Total TPH | 64.6   |           | 49.9 |     | mg/Kg |   |          | 08/15/22 10:31 | 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 |   | 08/12/22 15:05 | 08/13/22 20:30 | 1       |
| Diesel Range Organics (Over C10-C28) | 64.6      |           | 49.9     |     | mg/Kg |   | 08/12/22 15:05 | 08/13/22 20:30 | 1       |
| Oil Range Organics (Over C28-C36)    | <49.9     | U         | 49.9     |     | mg/Kg |   | 08/12/22 15:05 | 08/13/22 20:30 | 1       |
| Surrogate                            | %Recovery | Qualifier | Limits   |     |       |   | Prepared       | Analyzed       | Dil Fac |
| 1-Chlorooctane                       | 91        |           | 70 - 130 |     |       |   | 08/12/22 15:05 | 08/13/22 20:30 | 1       |
| o-Terphenyl                          | 77        |           | 70 - 130 |     |       |   | 08/12/22 15:05 | 08/13/22 20:30 | 1       |

## Method: 300.0 - Anions, Ion Chromatography - Soluble

| Analyte  | Result | Qualifier | RL   | MDL | Unit  | D | Prepared | Analyzed       | Dil Fac |
|----------|--------|-----------|------|-----|-------|---|----------|----------------|---------|
| Chloride | 464    |           | 4.97 |     | mg/Kg |   |          | 08/17/22 00:04 | 1       |

Client Sample ID: SW-7

Lab Sample ID: 880-18043-38

Date Collected: 08/12/22 00:00

Matrix: Solid

Date Received: 08/12/22 12:22

## 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 |   | 08/16/22 20:52 | 08/17/22 20:08 | 1       |
| Toluene             | <0.00200 | U         | 0.00200 |     | mg/Kg |   | 08/16/22 20:52 | 08/17/22 20:08 | 1       |
| Ethylbenzene        | <0.00200 | U         | 0.00200 |     | mg/Kg |   | 08/16/22 20:52 | 08/17/22 20:08 | 1       |
| m-Xylene & p-Xylene | <0.00399 | U         | 0.00399 |     | mg/Kg |   | 08/16/22 20:52 | 08/17/22 20:08 | 1       |
| o-Xylene            | <0.00200 | U         | 0.00200 |     | mg/Kg |   | 08/16/22 20:52 | 08/17/22 20:08 | 1       |
| Xylenes, Total      | <0.00399 | U         | 0.00399 |     | mg/Kg |   | 08/16/22 20:52 | 08/17/22 20:08 | 1       |

| Surrogate                   | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 4-Bromofluorobenzene (Surr) | 106       |           | 70 - 130 | 08/16/22 20:52 | 08/17/22 20:08 | 1       |
| 1,4-Difluorobenzene (Surr)  | 104       |           | 70 - 130 | 08/16/22 20:52 | 08/17/22 20:08 | 1       |

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## Client Sample Results

Client: NT Global  
Project/Site: South Vaccum 354

Job ID: 880-18043-1  
SDG: Lea Co., NM

Client Sample ID: SW-7

Lab Sample ID: 880-18043-38

Date Collected: 08/12/22 00:00

Matrix: Solid

Date Received: 08/12/22 12:22

## 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 |   |          | 08/17/22 09:03 | 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 |   |          | 08/15/22 10:31 | 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 |   | 08/12/22 15:05 | 08/13/22 20:51 | 1       |
| Diesel Range Organics (Over C10-C28) | <50.0     | U         | 50.0     |     | mg/Kg |   | 08/12/22 15:05 | 08/13/22 20:51 | 1       |
| Oil Range Organics (Over C28-C36)    | <50.0     | U         | 50.0     |     | mg/Kg |   | 08/12/22 15:05 | 08/13/22 20:51 | 1       |
| Surrogate                            | %Recovery | Qualifier | Limits   |     |       |   | Prepared       | Analyzed       | Dil Fac |
| 1-Chlorooctane                       | 98        |           | 70 - 130 |     |       |   | 08/12/22 15:05 | 08/13/22 20:51 | 1       |
| o-Terphenyl                          | 84        |           | 70 - 130 |     |       |   | 08/12/22 15:05 | 08/13/22 20:51 | 1       |

## Method: 300.0 - Anions, Ion Chromatography - Soluble

| Analyte  | Result | Qualifier | RL   | MDL | Unit  | D | Prepared | Analyzed       | Dil Fac |
|----------|--------|-----------|------|-----|-------|---|----------|----------------|---------|
| Chloride | 132    |           | 4.95 |     | mg/Kg |   |          | 08/17/22 00:13 | 1       |

Client Sample ID: SW-8

Lab Sample ID: 880-18043-39

Date Collected: 08/12/22 00:00

Matrix: Solid

Date Received: 08/12/22 12:22

## 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 |   | 08/16/22 20:52 | 08/17/22 20:29 | 1       |
| Toluene                     | <0.00199  | U         | 0.00199  |     | mg/Kg |   | 08/16/22 20:52 | 08/17/22 20:29 | 1       |
| Ethylbenzene                | <0.00199  | U         | 0.00199  |     | mg/Kg |   | 08/16/22 20:52 | 08/17/22 20:29 | 1       |
| m-Xylene & p-Xylene         | <0.00398  | U         | 0.00398  |     | mg/Kg |   | 08/16/22 20:52 | 08/17/22 20:29 | 1       |
| o-Xylene                    | <0.00199  | U         | 0.00199  |     | mg/Kg |   | 08/16/22 20:52 | 08/17/22 20:29 | 1       |
| Xylenes, Total              | <0.00398  | U         | 0.00398  |     | mg/Kg |   | 08/16/22 20:52 | 08/17/22 20:29 | 1       |
| Surrogate                   | %Recovery | Qualifier | Limits   |     |       |   | Prepared       | Analyzed       | Dil Fac |
| 4-Bromofluorobenzene (Surr) | 104       |           | 70 - 130 |     |       |   | 08/16/22 20:52 | 08/17/22 20:29 | 1       |
| 1,4-Difluorobenzene (Surr)  | 102       |           | 70 - 130 |     |       |   | 08/16/22 20:52 | 08/17/22 20:29 | 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 |   |          | 08/17/22 09:03 | 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 |   |          | 08/15/22 10:31 | 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 |   | 08/12/22 15:05 | 08/13/22 21:12 | 1       |
| Diesel Range Organics (Over C10-C28) | <49.9  | U         | 49.9 |     | mg/Kg |   | 08/12/22 15:05 | 08/13/22 21:12 | 1       |

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## Client Sample Results

Client: NT Global  
Project/Site: South Vaccum 354

Job ID: 880-18043-1  
SDG: Lea Co., NM

Client Sample ID: SW-8

Lab Sample ID: 880-18043-39

Date Collected: 08/12/22 00:00

Matrix: Solid

Date Received: 08/12/22 12:22

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

| Analyte                           | Result    | Qualifier | RL       | MDL | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|-----------------------------------|-----------|-----------|----------|-----|-------|---|----------------|----------------|---------|
| Oil Range Organics (Over C28-C36) | <49.9     | U         | 49.9     |     | mg/Kg |   | 08/12/22 15:05 | 08/13/22 21:12 | 1       |
| Surrogate                         | %Recovery | Qualifier | Limits   |     |       |   | Prepared       | Analyzed       | Dil Fac |
| 1-Chlorooctane                    | 96        |           | 70 - 130 |     |       |   | 08/12/22 15:05 | 08/13/22 21:12 | 1       |
| o-Terphenyl                       | 83        |           | 70 - 130 |     |       |   | 08/12/22 15:05 | 08/13/22 21:12 | 1       |

## Method: 300.0 - Anions, Ion Chromatography - Soluble

| Analyte  | Result | Qualifier | RL   | MDL | Unit  | D | Prepared | Analyzed       | Dil Fac |
|----------|--------|-----------|------|-----|-------|---|----------|----------------|---------|
| Chloride | 373    |           | 5.05 |     | mg/Kg |   |          | 08/17/22 00:40 | 1       |

Client Sample ID: SW-9

Lab Sample ID: 880-18043-40

Date Collected: 08/12/22 00:00

Matrix: Solid

Date Received: 08/12/22 12:22

## 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 |   | 08/16/22 20:52 | 08/17/22 20:49 | 1       |
| Toluene                     | <0.00199  | U         | 0.00199  |     | mg/Kg |   | 08/16/22 20:52 | 08/17/22 20:49 | 1       |
| Ethylbenzene                | <0.00199  | U         | 0.00199  |     | mg/Kg |   | 08/16/22 20:52 | 08/17/22 20:49 | 1       |
| m-Xylene & p-Xylene         | <0.00398  | U         | 0.00398  |     | mg/Kg |   | 08/16/22 20:52 | 08/17/22 20:49 | 1       |
| o-Xylene                    | <0.00199  | U         | 0.00199  |     | mg/Kg |   | 08/16/22 20:52 | 08/17/22 20:49 | 1       |
| Xylenes, Total              | <0.00398  | U         | 0.00398  |     | mg/Kg |   | 08/16/22 20:52 | 08/17/22 20:49 | 1       |
| Surrogate                   | %Recovery | Qualifier | Limits   |     |       |   | Prepared       | Analyzed       | Dil Fac |
| 4-Bromofluorobenzene (Surr) | 102       |           | 70 - 130 |     |       |   | 08/16/22 20:52 | 08/17/22 20:49 | 1       |
| 1,4-Difluorobenzene (Surr)  | 100       |           | 70 - 130 |     |       |   | 08/16/22 20:52 | 08/17/22 20:49 | 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 |   |          | 08/17/22 09:03 | 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 |   |          | 08/15/22 10:31 | 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 |   | 08/12/22 15:05 | 08/13/22 21:34 | 1       |
| Diesel Range Organics (Over C10-C28) | <49.8     | U         | 49.8     |     | mg/Kg |   | 08/12/22 15:05 | 08/13/22 21:34 | 1       |
| Oil Range Organics (Over C28-C36)    | <49.8     | U         | 49.8     |     | mg/Kg |   | 08/12/22 15:05 | 08/13/22 21:34 | 1       |
| Surrogate                            | %Recovery | Qualifier | Limits   |     |       |   | Prepared       | Analyzed       | Dil Fac |
| 1-Chlorooctane                       | 110       |           | 70 - 130 |     |       |   | 08/12/22 15:05 | 08/13/22 21:34 | 1       |
| o-Terphenyl                          | 95        |           | 70 - 130 |     |       |   | 08/12/22 15:05 | 08/13/22 21:34 | 1       |

## Method: 300.0 - Anions, Ion Chromatography - Soluble

| Analyte  | Result | Qualifier | RL   | MDL | Unit  | D | Prepared | Analyzed       | Dil Fac |
|----------|--------|-----------|------|-----|-------|---|----------|----------------|---------|
| Chloride | 216    |           | 4.99 |     | mg/Kg |   |          | 08/17/22 00:50 | 1       |

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## Client Sample Results

Client: NT Global  
Project/Site: South Vaccum 354

Job ID: 880-18043-1  
SDG: Lea Co., NM

Client Sample ID: SW-10

Lab Sample ID: 880-18043-41

Date Collected: 08/12/22 00:00

Matrix: Solid

Date Received: 08/12/22 12:22

## 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 |   | 08/16/22 20:52 | 08/17/22 21:10 | 1       |
| Toluene             | <0.00201 | U         | 0.00201 |     | mg/Kg |   | 08/16/22 20:52 | 08/17/22 21:10 | 1       |
| Ethylbenzene        | <0.00201 | U         | 0.00201 |     | mg/Kg |   | 08/16/22 20:52 | 08/17/22 21:10 | 1       |
| m-Xylene & p-Xylene | <0.00402 | U         | 0.00402 |     | mg/Kg |   | 08/16/22 20:52 | 08/17/22 21:10 | 1       |
| o-Xylene            | <0.00201 | U         | 0.00201 |     | mg/Kg |   | 08/16/22 20:52 | 08/17/22 21:10 | 1       |
| Xylenes, Total      | <0.00402 | U         | 0.00402 |     | mg/Kg |   | 08/16/22 20:52 | 08/17/22 21:10 | 1       |

| Surrogate                   | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 4-Bromofluorobenzene (Surr) | 100       |           | 70 - 130 | 08/16/22 20:52 | 08/17/22 21:10 | 1       |
| 1,4-Difluorobenzene (Surr)  | 76        |           | 70 - 130 | 08/16/22 20:52 | 08/17/22 21:10 | 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 |   |          | 08/17/22 09:03 | 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 |   |          | 08/15/22 10:31 | 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 |   | 08/12/22 14:26 | 08/13/22 05:03 | 1       |
| Diesel Range Organics (Over C10-C28) | <50.0  | U         | 50.0 |     | mg/Kg |   | 08/12/22 14:26 | 08/13/22 05:03 | 1       |
| Oil Range Organics (Over C28-C36)    | <50.0  | U         | 50.0 |     | mg/Kg |   | 08/12/22 14:26 | 08/13/22 05:03 | 1       |

| Surrogate      | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|----------------|-----------|-----------|----------|----------------|----------------|---------|
| 1-Chlorooctane | 120       |           | 70 - 130 | 08/12/22 14:26 | 08/13/22 05:03 | 1       |
| o-Terphenyl    | 100       |           | 70 - 130 | 08/12/22 14:26 | 08/13/22 05:03 | 1       |

## Method: 300.0 - Anions, Ion Chromatography - Soluble

| Analyte  | Result | Qualifier | RL   | MDL | Unit  | D | Prepared | Analyzed       | Dil Fac |
|----------|--------|-----------|------|-----|-------|---|----------|----------------|---------|
| Chloride | 301    |           | 4.97 |     | mg/Kg |   |          | 08/17/22 00:59 | 1       |

Client Sample ID: SW-11

Lab Sample ID: 880-18043-42

Date Collected: 08/12/22 00:00

Matrix: Solid

Date Received: 08/12/22 12:22

## 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 |   | 08/16/22 20:52 | 08/17/22 21:30 | 1       |
| Toluene             | <0.00202 | U         | 0.00202 |     | mg/Kg |   | 08/16/22 20:52 | 08/17/22 21:30 | 1       |
| Ethylbenzene        | <0.00202 | U         | 0.00202 |     | mg/Kg |   | 08/16/22 20:52 | 08/17/22 21:30 | 1       |
| m-Xylene & p-Xylene | <0.00403 | U         | 0.00403 |     | mg/Kg |   | 08/16/22 20:52 | 08/17/22 21:30 | 1       |
| o-Xylene            | <0.00202 | U         | 0.00202 |     | mg/Kg |   | 08/16/22 20:52 | 08/17/22 21:30 | 1       |
| Xylenes, Total      | <0.00403 | U         | 0.00403 |     | mg/Kg |   | 08/16/22 20:52 | 08/17/22 21:30 | 1       |

| Surrogate                   | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 4-Bromofluorobenzene (Surr) | 153       | S1+       | 70 - 130 | 08/16/22 20:52 | 08/17/22 21:30 | 1       |
| 1,4-Difluorobenzene (Surr)  | 72        |           | 70 - 130 | 08/16/22 20:52 | 08/17/22 21:30 | 1       |

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## Client Sample Results

Client: NT Global  
Project/Site: South Vaccum 354

Job ID: 880-18043-1  
SDG: Lea Co., NM

Client Sample ID: SW-11

Lab Sample ID: 880-18043-42

Date Collected: 08/12/22 00:00

Matrix: Solid

Date Received: 08/12/22 12:22

## 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 |   |          | 08/17/22 09:03 | 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 |   |          | 08/15/22 10:31 | 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 |   | 08/12/22 14:26 | 08/13/22 05:24 | 1       |
| Diesel Range Organics (Over C10-C28) | <49.9     | U         | 49.9     |     | mg/Kg |   | 08/12/22 14:26 | 08/13/22 05:24 | 1       |
| Oil Range Organics (Over C28-C36)    | <49.9     | U         | 49.9     |     | mg/Kg |   | 08/12/22 14:26 | 08/13/22 05:24 | 1       |
| Surrogate                            | %Recovery | Qualifier | Limits   |     |       |   | Prepared       | Analyzed       | Dil Fac |
| 1-Chlorooctane                       | 117       |           | 70 - 130 |     |       |   | 08/12/22 14:26 | 08/13/22 05:24 | 1       |
| o-Terphenyl                          | 100       |           | 70 - 130 |     |       |   | 08/12/22 14:26 | 08/13/22 05:24 | 1       |

## Method: 300.0 - Anions, Ion Chromatography - Soluble

| Analyte  | Result | Qualifier | RL   | MDL | Unit  | D | Prepared | Analyzed       | Dil Fac |
|----------|--------|-----------|------|-----|-------|---|----------|----------------|---------|
| Chloride | 279    |           | 5.00 |     | mg/Kg |   |          | 08/17/22 01:08 | 1       |

## Surrogate Summary

Client: NT Global  
Project/Site: South Vacuum 354

Job ID: 880-18043-1  
SDG: Lea Co., NM

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

Matrix: Solid

Prep Type: Total/NA

| Lab Sample ID     | Client Sample ID   | Percent Surrogate Recovery (Acceptance Limits) |                   |
|-------------------|--------------------|------------------------------------------------|-------------------|
|                   |                    | BFB1<br>(70-130)                               | DFBZ1<br>(70-130) |
| 880-18043-1       | CS-1 (2')          | 98                                             | 99                |
| 880-18043-2       | CS-2 (2')          | 102                                            | 106               |
| 880-18043-3       | CS-3 (2')          | 106                                            | 98                |
| 880-18043-4       | CS-4 (2')          | 94                                             | 76                |
| 880-18043-5       | CS-5 (2')          | 93                                             | 102               |
| 880-18043-5 MS    | CS-5 (2')          | 106                                            | 107               |
| 880-18043-5 MSD   | CS-5 (2')          | 110                                            | 102               |
| 880-18043-6       | CS-6 (2')          | 96                                             | 104               |
| 880-18043-7       | CS-7 (2')          | 101                                            | 100               |
| 880-18043-8       | CS-8 (2')          | 100                                            | 106               |
| 880-18043-9       | CS-9 (2')          | 80                                             | 112               |
| 880-18043-10      | CS-10 (2')         | 99                                             | 109               |
| 880-18043-11      | CS-11 (2')         | 97                                             | 105               |
| 880-18043-12      | CS-12 (2')         | 98                                             | 103               |
| 880-18043-13      | CS-13 (2')         | 94                                             | 104               |
| 880-18043-14      | CS-14 (2')         | 94                                             | 104               |
| 880-18043-15      | CS-15 (2')         | 94                                             | 100               |
| 880-18043-16      | CS-16 (2')         | 98                                             | 109               |
| 880-18043-17      | CS-17 (2')         | 96                                             | 107               |
| 880-18043-18      | CS-18 (2')         | 100                                            | 107               |
| 880-18043-19      | CS-19 (2')         | 98                                             | 106               |
| 880-18043-20      | CS-20 (2')         | 101                                            | 108               |
| 880-18043-21      | CS-21 (2')         | 99                                             | 106               |
| 880-18043-22      | CS-22 (2')         | 105                                            | 96                |
| 880-18043-23      | CS-23 (2')         | 101                                            | 106               |
| 880-18043-24      | CS-24 (2')         | 103                                            | 104               |
| 880-18043-25      | CS-25 (2')         | 84                                             | 76                |
| 880-18043-25 MS   | CS-25 (2')         | 79                                             | 97                |
| 880-18043-25 MSD  | CS-25 (2')         | 92                                             | 97                |
| 880-18043-26      | CS-26 (1')         | 91                                             | 80                |
| 880-18043-27      | CS-27 (1')         | 119                                            | 108               |
| 880-18043-28      | CS-28 (1')         | 104                                            | 120               |
| 880-18043-29      | CS-29 (1')         | 101                                            | 92                |
| 880-18043-30      | CS-30 (1')         | 109                                            | 82                |
| 880-18043-31      | CS-31 (1')         | 94                                             | 98                |
| 880-18043-32      | SW-1               | 142 S1+                                        | 91                |
| 880-18043-33      | SW-2               | 171 S1+                                        | 76                |
| 880-18043-34      | SW-3               | 123                                            | 84                |
| 880-18043-35      | SW-4               | 110                                            | 116               |
| 880-18043-36      | SW-5               | 101                                            | 94                |
| 880-18043-37      | SW-6               | 110                                            | 99                |
| 880-18043-38      | SW-7               | 106                                            | 104               |
| 880-18043-39      | SW-8               | 104                                            | 102               |
| 880-18043-40      | SW-9               | 102                                            | 100               |
| 880-18043-41      | SW-10              | 100                                            | 76                |
| 880-18043-42      | SW-11              | 153 S1+                                        | 72                |
| LCS 880-32282/1-A | Lab Control Sample | 76                                             | 124               |
| LCS 880-32283/1-A | Lab Control Sample | 98                                             | 99                |
| LCS 880-32284/1-A | Lab Control Sample | 72                                             | 104               |

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## Surrogate Summary

Client: NT Global  
Project/Site: South Vaccum 354

Job ID: 880-18043-1  
SDG: Lea Co., NM

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

Matrix: Solid

Prep Type: Total/NA

|                                   |                        | Percent Surrogate Recovery (Acceptance Limits) |                   |
|-----------------------------------|------------------------|------------------------------------------------|-------------------|
| Lab Sample ID                     | Client Sample ID       | BFB1<br>(70-130)                               | DFBZ1<br>(70-130) |
| LCSD 880-32282/2-A                | Lab Control Sample Dup | 89                                             | 114               |
| LCSD 880-32283/2-A                | Lab Control Sample Dup | 108                                            | 100               |
| LCSD 880-32284/2-A                | Lab Control Sample Dup | 91                                             | 121               |
| MB 880-32282/5-A                  | Method Blank           | 100                                            | 91                |
| MB 880-32283/5-A                  | Method Blank           | 78                                             | 123               |
| MB 880-32284/5-A                  | Method Blank           | 99                                             | 91                |
| <b>Surrogate Legend</b>           |                        |                                                |                   |
| 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<br>(70-130)                               | OTPH1<br>(70-130) |
| 880-18042-A-1-B MS  | Matrix Spike           | 118                                            | 79                |
| 880-18042-A-1-C MSD | Matrix Spike Duplicate | 101                                            | 79                |
| 880-18043-1         | CS-1 (2')              | 129                                            | 120               |
| 880-18043-1 MS      | CS-1 (2')              | 88                                             | 82                |
| 880-18043-1 MSD     | CS-1 (2')              | 90                                             | 82                |
| 880-18043-2         | CS-2 (2')              | 109                                            | 97                |
| 880-18043-3         | CS-3 (2')              | 106                                            | 88                |
| 880-18043-4         | CS-4 (2')              | 115                                            | 104               |
| 880-18043-5         | CS-5 (2')              | 107                                            | 96                |
| 880-18043-6         | CS-6 (2')              | 113                                            | 103               |
| 880-18043-7         | CS-7 (2')              | 117                                            | 105               |
| 880-18043-8         | CS-8 (2')              | 103                                            | 93                |
| 880-18043-9         | CS-9 (2')              | 104                                            | 86                |
| 880-18043-10        | CS-10 (2')             | 99                                             | 89                |
| 880-18043-11        | CS-11 (2')             | 118                                            | 100               |
| 880-18043-12        | CS-12 (2')             | 127                                            | 116               |
| 880-18043-13        | CS-13 (2')             | 121                                            | 105               |
| 880-18043-14        | CS-14 (2')             | 91                                             | 77                |
| 880-18043-15        | CS-15 (2')             | 104                                            | 88                |
| 880-18043-16        | CS-16 (2')             | 115                                            | 102               |
| 880-18043-17        | CS-17 (2')             | 108                                            | 91                |
| 880-18043-18        | CS-18 (2')             | 117                                            | 106               |
| 880-18043-19        | CS-19 (2')             | 116                                            | 105               |
| 880-18043-20        | CS-20 (2')             | 103                                            | 94                |
| 880-18043-21        | CS-21 (2')             | 79                                             | 63 S1-            |
| 880-18043-21 MS     | CS-21 (2')             | 36 S1-                                         | 25 S1-            |
| 880-18043-21 MSD    | CS-21 (2')             | 81                                             | 60 S1-            |
| 880-18043-22        | CS-22 (2')             | 108                                            | 90                |
| 880-18043-23        | CS-23 (2')             | 87                                             | 78                |
| 880-18043-24        | CS-24 (2')             | 91                                             | 82                |
| 880-18043-25        | CS-25 (2')             | 119                                            | 102               |
| 880-18043-26        | CS-26 (1')             | 85                                             | 61 S1-            |
| 880-18043-27        | CS-27 (1')             | 98                                             | 86                |
| 880-18043-28        | CS-28 (1')             | 105                                            | 89                |

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## Surrogate Summary

Client: NT Global  
Project/Site: South Vaccum 354

Job ID: 880-18043-1  
SDG: Lea Co., NM

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

Matrix: Solid

Prep Type: Total/NA

|                    |                        | Percent Surrogate Recovery (Acceptance Limits) |                   |
|--------------------|------------------------|------------------------------------------------|-------------------|
| Lab Sample ID      | Client Sample ID       | 1CO1<br>(70-130)                               | OTPH1<br>(70-130) |
| 880-18043-29       | CS-29 (1')             | 76                                             | 63 S1-            |
| 880-18043-30       | CS-30 (1')             | 102                                            | 93                |
| 880-18043-31       | CS-31 (1')             | 102                                            | 93                |
| 880-18043-32       | SW-1                   | 84                                             | 73                |
| 880-18043-33       | SW-2                   | 102                                            | 85                |
| 880-18043-34       | SW-3                   | 92                                             | 83                |
| 880-18043-35       | SW-4                   | 93                                             | 85                |
| 880-18043-36       | SW-5                   | 79                                             | 67 S1-            |
| 880-18043-37       | SW-6                   | 91                                             | 77                |
| 880-18043-38       | SW-7                   | 98                                             | 84                |
| 880-18043-39       | SW-8                   | 96                                             | 83                |
| 880-18043-40       | SW-9                   | 110                                            | 95                |
| 880-18043-41       | SW-10                  | 120                                            | 100               |
| 880-18043-42       | SW-11                  | 117                                            | 100               |
| LCS 880-32104/2-A  | Lab Control Sample     | 115                                            | 94                |
| LCS 880-32105/2-A  | Lab Control Sample     | 106                                            | 97                |
| LCS 880-32108/2-A  | Lab Control Sample     | 99                                             | 88                |
| LCSD 880-32104/3-A | Lab Control Sample Dup | 106                                            | 92                |
| LCSD 880-32105/3-A | Lab Control Sample Dup | 99                                             | 96                |
| LCSD 880-32108/3-A | Lab Control Sample Dup | 99                                             | 88                |
| MB 880-32104/1-A   | Method Blank           | 123                                            | 114               |
| MB 880-32105/1-A   | Method Blank           | 113                                            | 113               |
| MB 880-32108/1-A   | Method Blank           | 104                                            | 105               |

## Surrogate Legend

1CO = 1-Chlorooctane

OTPH = o-Terphenyl

## QC Sample Results

Client: NT Global  
Project/Site: South Vaccum 354

Job ID: 880-18043-1  
SDG: Lea Co., NM

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

Lab Sample ID: MB 880-32282/5-A

Matrix: Solid

Analysis Batch: 32280

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 32282

| Analyte             | MB Result | MB Qualifier | RL      | MDL | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|---------------------|-----------|--------------|---------|-----|-------|---|----------------|----------------|---------|
| Benzene             | <0.00200  | U            | 0.00200 |     | mg/Kg |   | 08/16/22 20:36 | 08/16/22 22:43 | 1       |
| Toluene             | <0.00200  | U            | 0.00200 |     | mg/Kg |   | 08/16/22 20:36 | 08/16/22 22:43 | 1       |
| Ethylbenzene        | <0.00200  | U            | 0.00200 |     | mg/Kg |   | 08/16/22 20:36 | 08/16/22 22:43 | 1       |
| m-Xylene & p-Xylene | <0.00400  | U            | 0.00400 |     | mg/Kg |   | 08/16/22 20:36 | 08/16/22 22:43 | 1       |
| o-Xylene            | <0.00200  | U            | 0.00200 |     | mg/Kg |   | 08/16/22 20:36 | 08/16/22 22:43 | 1       |
| Xylenes, Total      | <0.00400  | U            | 0.00400 |     | mg/Kg |   | 08/16/22 20:36 | 08/16/22 22:43 | 1       |

| Surrogate                   | MB %Recovery | MB Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|--------------|--------------|----------|----------------|----------------|---------|
| 4-Bromofluorobenzene (Surr) | 100          |              | 70 - 130 | 08/16/22 20:36 | 08/16/22 22:43 | 1       |
| 1,4-Difluorobenzene (Surr)  | 91           |              | 70 - 130 | 08/16/22 20:36 | 08/16/22 22:43 | 1       |

Lab Sample ID: LCS 880-32282/1-A

Matrix: Solid

Analysis Batch: 32280

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 32282

| Analyte             | Spike Added | LCS Result | LCS Qualifier | Unit  | D | %Rec | %Rec Limits |
|---------------------|-------------|------------|---------------|-------|---|------|-------------|
| Benzene             | 0.100       | 0.1009     |               | mg/Kg |   | 101  | 70 - 130    |
| Toluene             | 0.100       | 0.09649    |               | mg/Kg |   | 96   | 70 - 130    |
| Ethylbenzene        | 0.100       | 0.08329    |               | mg/Kg |   | 83   | 70 - 130    |
| m-Xylene & p-Xylene | 0.200       | 0.1752     |               | mg/Kg |   | 88   | 70 - 130    |
| o-Xylene            | 0.100       | 0.09308    |               | mg/Kg |   | 93   | 70 - 130    |

| Surrogate                   | LCS %Recovery | LCS Qualifier | Limits   |
|-----------------------------|---------------|---------------|----------|
| 4-Bromofluorobenzene (Surr) | 76            |               | 70 - 130 |
| 1,4-Difluorobenzene (Surr)  | 124           |               | 70 - 130 |

Lab Sample ID: LCSD 880-32282/2-A

Matrix: Solid

Analysis Batch: 32280

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 32282

| Analyte             | Spike Added | LCSD Result | LCSD Qualifier | Unit  | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---------------------|-------------|-------------|----------------|-------|---|------|-------------|-----|-----------|
| Benzene             | 0.100       | 0.1074      |                | mg/Kg |   | 107  | 70 - 130    | 6   | 35        |
| Toluene             | 0.100       | 0.1068      |                | mg/Kg |   | 107  | 70 - 130    | 10  | 35        |
| Ethylbenzene        | 0.100       | 0.09146     |                | mg/Kg |   | 91   | 70 - 130    | 9   | 35        |
| m-Xylene & p-Xylene | 0.200       | 0.1858      |                | mg/Kg |   | 93   | 70 - 130    | 6   | 35        |
| o-Xylene            | 0.100       | 0.1034      |                | mg/Kg |   | 103  | 70 - 130    | 10  | 35        |

| Surrogate                   | LCSD %Recovery | LCSD Qualifier | Limits   |
|-----------------------------|----------------|----------------|----------|
| 4-Bromofluorobenzene (Surr) | 89             |                | 70 - 130 |
| 1,4-Difluorobenzene (Surr)  | 114            |                | 70 - 130 |

Lab Sample ID: MB 880-32283/5-A

Matrix: Solid

Analysis Batch: 32281

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 32283

| Analyte | MB Result | MB Qualifier | RL      | MDL | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|---------|-----------|--------------|---------|-----|-------|---|----------------|----------------|---------|
| Benzene | <0.00200  | U            | 0.00200 |     | mg/Kg |   | 08/16/22 20:48 | 08/17/22 11:13 | 1       |
| Toluene | <0.00200  | U            | 0.00200 |     | mg/Kg |   | 08/16/22 20:48 | 08/17/22 11:13 | 1       |

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## QC Sample Results

Client: NT Global  
Project/Site: South Vaccum 354

Job ID: 880-18043-1  
SDG: Lea Co., NM

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

Lab Sample ID: MB 880-32283/5-A

Matrix: Solid

Analysis Batch: 32281

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 32283

| Analyte             | MB Result | MB Qualifier | RL      | MDL | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|---------------------|-----------|--------------|---------|-----|-------|---|----------------|----------------|---------|
| Ethylbenzene        | <0.00200  | U            | 0.00200 |     | mg/Kg |   | 08/16/22 20:48 | 08/17/22 11:13 | 1       |
| m-Xylene & p-Xylene | <0.00400  | U            | 0.00400 |     | mg/Kg |   | 08/16/22 20:48 | 08/17/22 11:13 | 1       |
| o-Xylene            | <0.00200  | U            | 0.00200 |     | mg/Kg |   | 08/16/22 20:48 | 08/17/22 11:13 | 1       |
| Xylenes, Total      | <0.00400  | U            | 0.00400 |     | mg/Kg |   | 08/16/22 20:48 | 08/17/22 11:13 | 1       |

| Surrogate                   | MB %Recovery | MB Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|--------------|--------------|----------|----------------|----------------|---------|
| 4-Bromofluorobenzene (Surr) | 78           |              | 70 - 130 | 08/16/22 20:48 | 08/17/22 11:13 | 1       |
| 1,4-Difluorobenzene (Surr)  | 123          |              | 70 - 130 | 08/16/22 20:48 | 08/17/22 11:13 | 1       |

Lab Sample ID: LCS 880-32283/1-A

Matrix: Solid

Analysis Batch: 32281

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 32283

| Analyte             | Spike Added | LCS Result | LCS Qualifier | Unit  | D | %Rec | %Rec Limits |
|---------------------|-------------|------------|---------------|-------|---|------|-------------|
| Benzene             | 0.100       | 0.1050     |               | mg/Kg |   | 105  | 70 - 130    |
| Toluene             | 0.100       | 0.1046     |               | mg/Kg |   | 105  | 70 - 130    |
| Ethylbenzene        | 0.100       | 0.1054     |               | mg/Kg |   | 105  | 70 - 130    |
| m-Xylene & p-Xylene | 0.200       | 0.1959     |               | mg/Kg |   | 98   | 70 - 130    |
| o-Xylene            | 0.100       | 0.1031     |               | mg/Kg |   | 103  | 70 - 130    |

| Surrogate                   | LCS %Recovery | LCS Qualifier | Limits   |
|-----------------------------|---------------|---------------|----------|
| 4-Bromofluorobenzene (Surr) | 98            |               | 70 - 130 |
| 1,4-Difluorobenzene (Surr)  | 99            |               | 70 - 130 |

Lab Sample ID: LCSD 880-32283/2-A

Matrix: Solid

Analysis Batch: 32281

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 32283

| Analyte             | Spike Added | LCSD Result | LCSD Qualifier | Unit  | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---------------------|-------------|-------------|----------------|-------|---|------|-------------|-----|-----------|
| Benzene             | 0.100       | 0.1060      |                | mg/Kg |   | 106  | 70 - 130    | 1   | 35        |
| Toluene             | 0.100       | 0.1160      |                | mg/Kg |   | 116  | 70 - 130    | 10  | 35        |
| Ethylbenzene        | 0.100       | 0.1191      |                | mg/Kg |   | 119  | 70 - 130    | 12  | 35        |
| m-Xylene & p-Xylene | 0.200       | 0.2258      |                | mg/Kg |   | 113  | 70 - 130    | 14  | 35        |
| o-Xylene            | 0.100       | 0.1189      |                | mg/Kg |   | 119  | 70 - 130    | 14  | 35        |

| Surrogate                   | LCSD %Recovery | LCSD Qualifier | Limits   |
|-----------------------------|----------------|----------------|----------|
| 4-Bromofluorobenzene (Surr) | 108            |                | 70 - 130 |
| 1,4-Difluorobenzene (Surr)  | 100            |                | 70 - 130 |

Lab Sample ID: 880-18043-5 MS

Matrix: Solid

Analysis Batch: 32281

Client Sample ID: CS-5 (2')

Prep Type: Total/NA

Prep Batch: 32283

| Analyte             | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit  | D | %Rec | %Rec Limits |
|---------------------|---------------|------------------|-------------|-----------|--------------|-------|---|------|-------------|
| Benzene             | <0.00201      | U                | 0.101       | 0.1103    |              | mg/Kg |   | 109  | 70 - 130    |
| Toluene             | <0.00201      | U                | 0.101       | 0.1068    |              | mg/Kg |   | 106  | 70 - 130    |
| Ethylbenzene        | <0.00201      | U                | 0.101       | 0.1032    |              | mg/Kg |   | 102  | 70 - 130    |
| m-Xylene & p-Xylene | <0.00402      | U                | 0.202       | 0.1914    |              | mg/Kg |   | 95   | 70 - 130    |

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## QC Sample Results

Client: NT Global  
Project/Site: South Vacuum 354

Job ID: 880-18043-1  
SDG: Lea Co., NM

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

Lab Sample ID: 880-18043-5 MS

Matrix: Solid

Analysis Batch: 32281

Client Sample ID: CS-5 (2')

Prep Type: Total/NA

Prep Batch: 32283

| Analyte  | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit  | D | %Rec | %Rec Limits |
|----------|---------------|------------------|-------------|-----------|--------------|-------|---|------|-------------|
| o-Xylene | <0.00201      | U                | 0.101       | 0.1013    |              | mg/Kg |   | 100  | 70 - 130    |

| Surrogate                   | MS %Recovery | MS Qualifier | MS Limits |
|-----------------------------|--------------|--------------|-----------|
| 4-Bromofluorobenzene (Surr) | 106          |              | 70 - 130  |
| 1,4-Difluorobenzene (Surr)  | 107          |              | 70 - 130  |

Lab Sample ID: 880-18043-5 MSD

Matrix: Solid

Analysis Batch: 32281

Client Sample ID: CS-5 (2')

Prep Type: Total/NA

Prep Batch: 32283

| Analyte             | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit  | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---------------------|---------------|------------------|-------------|------------|---------------|-------|---|------|-------------|-----|-----------|
| Benzene             | <0.00201      | U                | 0.0998      | 0.1013     |               | mg/Kg |   | 101  | 70 - 130    | 8   | 35        |
| Toluene             | <0.00201      | U                | 0.0998      | 0.1062     |               | mg/Kg |   | 106  | 70 - 130    | 1   | 35        |
| Ethylbenzene        | <0.00201      | U                | 0.0998      | 0.1085     |               | mg/Kg |   | 109  | 70 - 130    | 5   | 35        |
| m-Xylene & p-Xylene | <0.00402      | U                | 0.200       | 0.2064     |               | mg/Kg |   | 103  | 70 - 130    | 8   | 35        |
| o-Xylene            | <0.00201      | U                | 0.0998      | 0.1098     |               | mg/Kg |   | 110  | 70 - 130    | 8   | 35        |

| Surrogate                   | MSD %Recovery | MSD Qualifier | MSD Limits |
|-----------------------------|---------------|---------------|------------|
| 4-Bromofluorobenzene (Surr) | 110           |               | 70 - 130   |
| 1,4-Difluorobenzene (Surr)  | 102           |               | 70 - 130   |

Lab Sample ID: MB 880-32284/5-A

Matrix: Solid

Analysis Batch: 32280

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 32284

| Analyte             | MB Result | MB Qualifier | RL      | MDL | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|---------------------|-----------|--------------|---------|-----|-------|---|----------------|----------------|---------|
| Benzene             | <0.00200  | U            | 0.00200 |     | mg/Kg |   | 08/16/22 20:52 | 08/17/22 09:24 | 1       |
| Toluene             | <0.00200  | U            | 0.00200 |     | mg/Kg |   | 08/16/22 20:52 | 08/17/22 09:24 | 1       |
| Ethylbenzene        | <0.00200  | U            | 0.00200 |     | mg/Kg |   | 08/16/22 20:52 | 08/17/22 09:24 | 1       |
| m-Xylene & p-Xylene | <0.00400  | U            | 0.00400 |     | mg/Kg |   | 08/16/22 20:52 | 08/17/22 09:24 | 1       |
| o-Xylene            | <0.00200  | U            | 0.00200 |     | mg/Kg |   | 08/16/22 20:52 | 08/17/22 09:24 | 1       |
| Xylenes, Total      | <0.00400  | U            | 0.00400 |     | mg/Kg |   | 08/16/22 20:52 | 08/17/22 09:24 | 1       |

| Surrogate                   | MB %Recovery | MB Qualifier | MB Limits | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|--------------|--------------|-----------|----------------|----------------|---------|
| 4-Bromofluorobenzene (Surr) | 99           |              | 70 - 130  | 08/16/22 20:52 | 08/17/22 09:24 | 1       |
| 1,4-Difluorobenzene (Surr)  | 91           |              | 70 - 130  | 08/16/22 20:52 | 08/17/22 09:24 | 1       |

Lab Sample ID: LCS 880-32284/1-A

Matrix: Solid

Analysis Batch: 32280

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 32284

| Analyte             | Spike Added | LCS Result | LCS Qualifier | Unit  | D | %Rec | %Rec Limits |
|---------------------|-------------|------------|---------------|-------|---|------|-------------|
| Benzene             | 0.100       | 0.1129     |               | mg/Kg |   | 113  | 70 - 130    |
| Toluene             | 0.100       | 0.1115     |               | mg/Kg |   | 112  | 70 - 130    |
| Ethylbenzene        | 0.100       | 0.09898    |               | mg/Kg |   | 99   | 70 - 130    |
| m-Xylene & p-Xylene | 0.200       | 0.2082     |               | mg/Kg |   | 104  | 70 - 130    |
| o-Xylene            | 0.100       | 0.1096     |               | mg/Kg |   | 110  | 70 - 130    |

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## QC Sample Results

Client: NT Global  
Project/Site: South Vaccum 354

Job ID: 880-18043-1  
SDG: Lea Co., NM

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

Lab Sample ID: LCS 880-32284/1-A

Matrix: Solid

Analysis Batch: 32280

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 32284

|                             | LCS       | LCS       |          |
|-----------------------------|-----------|-----------|----------|
| Surrogate                   | %Recovery | Qualifier | Limits   |
| 4-Bromofluorobenzene (Surr) | 72        |           | 70 - 130 |
| 1,4-Difluorobenzene (Surr)  | 104       |           | 70 - 130 |

Lab Sample ID: LCSD 880-32284/2-A

Matrix: Solid

Analysis Batch: 32280

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 32284

|                     |  |  | Spike | LCSD    | LCSD      |       |   |      |          | %Rec | RPD   |
|---------------------|--|--|-------|---------|-----------|-------|---|------|----------|------|-------|
| Analyte             |  |  | Added | Result  | Qualifier | Unit  | D | %Rec | Limits   | RPD  | Limit |
| Benzene             |  |  | 0.100 | 0.1016  |           | mg/Kg |   | 102  | 70 - 130 | 11   | 35    |
| Toluene             |  |  | 0.100 | 0.1004  |           | mg/Kg |   | 100  | 70 - 130 | 11   | 35    |
| Ethylbenzene        |  |  | 0.100 | 0.08651 |           | mg/Kg |   | 87   | 70 - 130 | 13   | 35    |
| m-Xylene & p-Xylene |  |  | 0.200 | 0.1800  |           | mg/Kg |   | 90   | 70 - 130 | 15   | 35    |
| o-Xylene            |  |  | 0.100 | 0.1011  |           | mg/Kg |   | 101  | 70 - 130 | 8    | 35    |

|                             | LCSD      | LCSD      |          |
|-----------------------------|-----------|-----------|----------|
| Surrogate                   | %Recovery | Qualifier | Limits   |
| 4-Bromofluorobenzene (Surr) | 91        |           | 70 - 130 |
| 1,4-Difluorobenzene (Surr)  | 121       |           | 70 - 130 |

Lab Sample ID: 880-18043-25 MS

Matrix: Solid

Analysis Batch: 32280

Client Sample ID: CS-25 (2')

Prep Type: Total/NA

Prep Batch: 32284

|                     | Sample   | Sample    | Spike  | MS      | MS        |       |   |      | %Rec     |     |       |
|---------------------|----------|-----------|--------|---------|-----------|-------|---|------|----------|-----|-------|
| Analyte             | Result   | Qualifier | Added  | Result  | Qualifier | Unit  | D | %Rec | Limits   | RPD | Limit |
| Benzene             | <0.00199 | U         | 0.0996 | 0.09572 |           | mg/Kg |   | 96   | 70 - 130 |     |       |
| Toluene             | <0.00199 | U         | 0.0996 | 0.09303 |           | mg/Kg |   | 93   | 70 - 130 |     |       |
| Ethylbenzene        | <0.00199 | U         | 0.0996 | 0.09578 |           | mg/Kg |   | 96   | 70 - 130 |     |       |
| m-Xylene & p-Xylene | <0.00398 | U         | 0.199  | 0.1939  |           | mg/Kg |   | 97   | 70 - 130 |     |       |
| o-Xylene            | <0.00199 | U         | 0.0996 | 0.09954 |           | mg/Kg |   | 100  | 70 - 130 |     |       |

|                             | MS        | MS        |          |
|-----------------------------|-----------|-----------|----------|
| Surrogate                   | %Recovery | Qualifier | Limits   |
| 4-Bromofluorobenzene (Surr) | 79        |           | 70 - 130 |
| 1,4-Difluorobenzene (Surr)  | 97        |           | 70 - 130 |

Lab Sample ID: 880-18043-25 MSD

Matrix: Solid

Analysis Batch: 32280

Client Sample ID: CS-25 (2')

Prep Type: Total/NA

Prep Batch: 32284

|                     | Sample   | Sample    | Spike | MSD     | MSD       |       |   |      | %Rec     |     | RPD   |
|---------------------|----------|-----------|-------|---------|-----------|-------|---|------|----------|-----|-------|
| Analyte             | Result   | Qualifier | Added | Result  | Qualifier | Unit  | D | %Rec | Limits   | RPD | Limit |
| Benzene             | <0.00199 | U         | 0.100 | 0.1069  |           | mg/Kg |   | 106  | 70 - 130 | 11  | 35    |
| Toluene             | <0.00199 | U         | 0.100 | 0.1071  |           | mg/Kg |   | 107  | 70 - 130 | 14  | 35    |
| Ethylbenzene        | <0.00199 | U         | 0.100 | 0.09067 |           | mg/Kg |   | 90   | 70 - 130 | 5   | 35    |
| m-Xylene & p-Xylene | <0.00398 | U         | 0.201 | 0.1754  |           | mg/Kg |   | 87   | 70 - 130 | 10  | 35    |
| o-Xylene            | <0.00199 | U         | 0.100 | 0.09992 |           | mg/Kg |   | 100  | 70 - 130 | 0   | 35    |

|                             | MSD       | MSD       |          |
|-----------------------------|-----------|-----------|----------|
| Surrogate                   | %Recovery | Qualifier | Limits   |
| 4-Bromofluorobenzene (Surr) | 92        |           | 70 - 130 |
| 1,4-Difluorobenzene (Surr)  | 97        |           | 70 - 130 |

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## QC Sample Results

Client: NT Global  
Project/Site: South Vaccum 354

Job ID: 880-18043-1  
SDG: Lea Co., NM

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

Lab Sample ID: MB 880-32104/1-A

Matrix: Solid

Analysis Batch: 32049

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 32104

| 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 |   | 08/12/22 14:26 | 08/12/22 20:47 | 1       |
| Diesel Range Organics (Over C10-C28) | <50.0        | U            | 50.0     |     | mg/Kg |   | 08/12/22 14:26 | 08/12/22 20:47 | 1       |
| Oil Range Organics (Over C28-C36)    | <50.0        | U            | 50.0     |     | mg/Kg |   | 08/12/22 14:26 | 08/12/22 20:47 | 1       |
| Surrogate                            | MB %Recovery | MB Qualifier | Limits   |     |       |   | Prepared       | Analyzed       | Dil Fac |
| 1-Chlorooctane                       | 123          |              | 70 - 130 |     |       |   | 08/12/22 14:26 | 08/12/22 20:47 | 1       |
| o-Terphenyl                          | 114          |              | 70 - 130 |     |       |   | 08/12/22 14:26 | 08/12/22 20:47 | 1       |

Lab Sample ID: LCS 880-32104/2-A

Matrix: Solid

Analysis Batch: 32049

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 32104

| Analyte                              | Spike Added   | LCS Result    | LCS Qualifier | Unit  | D | %Rec | %Rec Limits |
|--------------------------------------|---------------|---------------|---------------|-------|---|------|-------------|
| Gasoline Range Organics (GRO)-C6-C10 | 1000          | 1000          |               | mg/Kg |   | 100  | 70 - 130    |
| Diesel Range Organics (Over C10-C28) | 1000          | 1010          |               | mg/Kg |   | 101  | 70 - 130    |
| Surrogate                            | LCS %Recovery | LCS Qualifier | Limits        |       |   |      |             |
| 1-Chlorooctane                       | 115           |               | 70 - 130      |       |   |      |             |
| o-Terphenyl                          | 94            |               | 70 - 130      |       |   |      |             |

Lab Sample ID: LCSD 880-32104/3-A

Matrix: Solid

Analysis Batch: 32049

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 32104

| Analyte                              | Spike Added    | LCSD Result    | LCSD Qualifier | Unit  | D | %Rec | %Rec Limits | RPD | RPD Limit |
|--------------------------------------|----------------|----------------|----------------|-------|---|------|-------------|-----|-----------|
| Gasoline Range Organics (GRO)-C6-C10 | 1000           | 1003           |                | mg/Kg |   | 100  | 70 - 130    | 0   | 20        |
| Diesel Range Organics (Over C10-C28) | 1000           | 1002           |                | mg/Kg |   | 100  | 70 - 130    | 1   | 20        |
| Surrogate                            | LCSD %Recovery | LCSD Qualifier | Limits         |       |   |      |             |     |           |
| 1-Chlorooctane                       | 106            |                | 70 - 130       |       |   |      |             |     |           |
| o-Terphenyl                          | 92             |                | 70 - 130       |       |   |      |             |     |           |

Lab Sample ID: 880-18042-A-1-B MS

Matrix: Solid

Analysis Batch: 32049

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 32104

| Analyte                              | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit  | D | %Rec | %Rec Limits |
|--------------------------------------|---------------|------------------|-------------|-----------|--------------|-------|---|------|-------------|
| Gasoline Range Organics (GRO)-C6-C10 | <49.9         | U                | 999         | 1150      |              | mg/Kg |   | 115  | 70 - 130    |
| Diesel Range Organics (Over C10-C28) | <49.9         | U                | 999         | 1022      |              | mg/Kg |   | 99   | 70 - 130    |

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## QC Sample Results

Client: NT Global  
Project/Site: South Vaccum 354

Job ID: 880-18043-1  
SDG: Lea Co., NM

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

Lab Sample ID: 880-18042-A-1-B MS

Matrix: Solid

Analysis Batch: 32049

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 32104

|                | MS        | MS        |          |
|----------------|-----------|-----------|----------|
| Surrogate      | %Recovery | Qualifier | Limits   |
| 1-Chlorooctane | 118       |           | 70 - 130 |
| o-Terphenyl    | 79        |           | 70 - 130 |

Lab Sample ID: 880-18042-A-1-C MSD

Matrix: Solid

Analysis Batch: 32049

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 32104

| Analyte                              | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit  | D | %Rec | %Rec Limits | RPD | RPD Limit |
|--------------------------------------|---------------|------------------|-------------|------------|---------------|-------|---|------|-------------|-----|-----------|
| Gasoline Range Organics (GRO)-C6-C10 | <49.9         | U                | 999         | 1114       |               | mg/Kg |   | 111  | 70 - 130    | 3   | 20        |
| Diesel Range Organics (Over C10-C28) | <49.9         | U                | 999         | 1020       |               | mg/Kg |   | 99   | 70 - 130    | 0   | 20        |

|                | MSD       | MSD       |          |
|----------------|-----------|-----------|----------|
| Surrogate      | %Recovery | Qualifier | Limits   |
| 1-Chlorooctane | 101       |           | 70 - 130 |
| o-Terphenyl    | 79        |           | 70 - 130 |

Lab Sample ID: MB 880-32105/1-A

Matrix: Solid

Analysis Batch: 32117

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 32105

| 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 |   | 08/12/22 14:29 | 08/13/22 12:38 | 1       |
| Diesel Range Organics (Over C10-C28) | <50.0     | U            | 50.0 |     | mg/Kg |   | 08/12/22 14:29 | 08/13/22 12:38 | 1       |
| Oil Range Organics (Over C28-C36)    | <50.0     | U            | 50.0 |     | mg/Kg |   | 08/12/22 14:29 | 08/13/22 12:38 | 1       |

|                | MB        | MB        |          | Prepared       | Analyzed       | Dil Fac |
|----------------|-----------|-----------|----------|----------------|----------------|---------|
| Surrogate      | %Recovery | Qualifier | Limits   |                |                |         |
| 1-Chlorooctane | 113       |           | 70 - 130 | 08/12/22 14:29 | 08/13/22 12:38 | 1       |
| o-Terphenyl    | 113       |           | 70 - 130 | 08/12/22 14:29 | 08/13/22 12:38 | 1       |

Lab Sample ID: LCS 880-32105/2-A

Matrix: Solid

Analysis Batch: 32117

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 32105

| Analyte                              | Spike Added | LCS Result | LCS Qualifier | Unit  | D | %Rec | %Rec Limits |
|--------------------------------------|-------------|------------|---------------|-------|---|------|-------------|
| Gasoline Range Organics (GRO)-C6-C10 | 1000        | 909.7      |               | mg/Kg |   | 91   | 70 - 130    |
| Diesel Range Organics (Over C10-C28) | 1000        | 899.8      |               | mg/Kg |   | 90   | 70 - 130    |

|                | LCS       | LCS       |          |
|----------------|-----------|-----------|----------|
| Surrogate      | %Recovery | Qualifier | Limits   |
| 1-Chlorooctane | 106       |           | 70 - 130 |
| o-Terphenyl    | 97        |           | 70 - 130 |

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## QC Sample Results

Client: NT Global  
Project/Site: South Vaccum 354

Job ID: 880-18043-1  
SDG: Lea Co., NM

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

Lab Sample ID: LCSD 880-32105/3-A

Matrix: Solid

Analysis Batch: 32117

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 32105

| Analyte                              | Spike Added | LCSD Result | LCSD Qualifier | Unit  | D | %Rec | %Rec Limits | RPD | RPD Limit |
|--------------------------------------|-------------|-------------|----------------|-------|---|------|-------------|-----|-----------|
| Gasoline Range Organics (GRO)-C6-C10 | 1000        | 981.9       |                | mg/Kg |   | 98   | 70 - 130    | 8   | 20        |
| Diesel Range Organics (Over C10-C28) | 1000        | 906.3       |                | mg/Kg |   | 91   | 70 - 130    | 1   | 20        |
|                                      |             |             |                |       |   |      |             |     |           |
|                                      | LCSD        | LCSD        |                |       |   |      |             |     |           |
| Surrogate                            | %Recovery   | Qualifier   | Limits         |       |   |      |             |     |           |
| 1-Chlorooctane                       | 99          |             | 70 - 130       |       |   |      |             |     |           |
| o-Terphenyl                          | 96          |             | 70 - 130       |       |   |      |             |     |           |

Lab Sample ID: 880-18043-1 MS

Matrix: Solid

Analysis Batch: 32117

Client Sample ID: CS-1 (2')

Prep Type: Total/NA

Prep Batch: 32105

| Analyte                              | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit  | D | %Rec | %Rec Limits | RPD | RPD Limit |
|--------------------------------------|---------------|------------------|-------------|-----------|--------------|-------|---|------|-------------|-----|-----------|
| Gasoline Range Organics (GRO)-C6-C10 | <49.9         | U                | 999         | 1054      |              | mg/Kg |   | 105  | 70 - 130    |     |           |
| Diesel Range Organics (Over C10-C28) | <49.9         | U                | 999         | 1021      |              | mg/Kg |   | 102  | 70 - 130    |     |           |
|                                      |               |                  |             |           |              |       |   |      |             |     |           |
|                                      | MS            | MS               |             |           |              |       |   |      |             |     |           |
| Surrogate                            | %Recovery     | Qualifier        | Limits      |           |              |       |   |      |             |     |           |
| 1-Chlorooctane                       | 88            |                  | 70 - 130    |           |              |       |   |      |             |     |           |
| o-Terphenyl                          | 82            |                  | 70 - 130    |           |              |       |   |      |             |     |           |

Lab Sample ID: 880-18043-1 MSD

Matrix: Solid

Analysis Batch: 32117

Client Sample ID: CS-1 (2')

Prep Type: Total/NA

Prep Batch: 32105

| Analyte                              | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit  | D | %Rec | %Rec Limits | RPD | RPD Limit |
|--------------------------------------|---------------|------------------|-------------|------------|---------------|-------|---|------|-------------|-----|-----------|
| Gasoline Range Organics (GRO)-C6-C10 | <49.9         | U                | 999         | 1053       |               | mg/Kg |   | 105  | 70 - 130    | 0   | 20        |
| Diesel Range Organics (Over C10-C28) | <49.9         | U                | 999         | 1022       |               | mg/Kg |   | 102  | 70 - 130    | 0   | 20        |
|                                      |               |                  |             |            |               |       |   |      |             |     |           |
|                                      | MSD           | MSD              |             |            |               |       |   |      |             |     |           |
| Surrogate                            | %Recovery     | Qualifier        | Limits      |            |               |       |   |      |             |     |           |
| 1-Chlorooctane                       | 90            |                  | 70 - 130    |            |               |       |   |      |             |     |           |
| o-Terphenyl                          | 82            |                  | 70 - 130    |            |               |       |   |      |             |     |           |

Lab Sample ID: MB 880-32108/1-A

Matrix: Solid

Analysis Batch: 32119

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 32108

| 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 |   | 08/12/22 15:05 | 08/13/22 12:38 | 1       |
| Diesel Range Organics (Over C10-C28) | <50.0     | U            | 50.0 |     | mg/Kg |   | 08/12/22 15:05 | 08/13/22 12:38 | 1       |
| Oil Range Organics (Over C28-C36)    | <50.0     | U            | 50.0 |     | mg/Kg |   | 08/12/22 15:05 | 08/13/22 12:38 | 1       |

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## QC Sample Results

Client: NT Global  
Project/Site: South Vacuum 354

Job ID: 880-18043-1  
SDG: Lea Co., NM

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

Lab Sample ID: MB 880-32108/1-A

Matrix: Solid

Analysis Batch: 32119

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 32108

|                | MB        | MB        |          |                |                |     |     |  |  |  |
|----------------|-----------|-----------|----------|----------------|----------------|-----|-----|--|--|--|
| Surrogate      | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil | Fac |  |  |  |
| 1-Chlorooctane | 104       |           | 70 - 130 | 08/12/22 15:05 | 08/13/22 12:38 | 1   |     |  |  |  |
| o-Terphenyl    | 105       |           | 70 - 130 | 08/12/22 15:05 | 08/13/22 12:38 | 1   |     |  |  |  |

Lab Sample ID: LCS 880-32108/2-A

Matrix: Solid

Analysis Batch: 32119

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 32108

|                                      |  |  | Spike | LCS    | LCS       |       |   |      | %Rec     |  |  |
|--------------------------------------|--|--|-------|--------|-----------|-------|---|------|----------|--|--|
| Analyte                              |  |  | Added | Result | Qualifier | Unit  | D | %Rec | Limits   |  |  |
| Gasoline Range Organics (GRO)-C6-C10 |  |  | 1000  | 826.3  |           | mg/Kg |   | 83   | 70 - 130 |  |  |
| Diesel Range Organics (Over C10-C28) |  |  | 1000  | 829.8  |           | mg/Kg |   | 83   | 70 - 130 |  |  |

|                | LCS       | LCS       |          |  |  |  |  |  |  |  |  |
|----------------|-----------|-----------|----------|--|--|--|--|--|--|--|--|
| Surrogate      | %Recovery | Qualifier | Limits   |  |  |  |  |  |  |  |  |
| 1-Chlorooctane | 99        |           | 70 - 130 |  |  |  |  |  |  |  |  |
| o-Terphenyl    | 88        |           | 70 - 130 |  |  |  |  |  |  |  |  |

Lab Sample ID: LCSD 880-32108/3-A

Matrix: Solid

Analysis Batch: 32119

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 32108

|                                      |  |  | Spike | LCSD   | LCSD      |       |   |      | %Rec     |     | RPD   |  |
|--------------------------------------|--|--|-------|--------|-----------|-------|---|------|----------|-----|-------|--|
| Analyte                              |  |  | Added | Result | Qualifier | Unit  | D | %Rec | Limits   | RPD | Limit |  |
| Gasoline Range Organics (GRO)-C6-C10 |  |  | 1000  | 894.3  |           | mg/Kg |   | 89   | 70 - 130 | 8   | 20    |  |
| Diesel Range Organics (Over C10-C28) |  |  | 1000  | 828.1  |           | mg/Kg |   | 83   | 70 - 130 | 0   | 20    |  |

|                | LCSD      | LCSD      |          |  |  |  |  |  |  |  |  |  |
|----------------|-----------|-----------|----------|--|--|--|--|--|--|--|--|--|
| Surrogate      | %Recovery | Qualifier | Limits   |  |  |  |  |  |  |  |  |  |
| 1-Chlorooctane | 99        |           | 70 - 130 |  |  |  |  |  |  |  |  |  |
| o-Terphenyl    | 88        |           | 70 - 130 |  |  |  |  |  |  |  |  |  |

Lab Sample ID: 880-18043-21 MS

Matrix: Solid

Analysis Batch: 32119

Client Sample ID: CS-21 (2')

Prep Type: Total/NA

Prep Batch: 32108

|                                      | Sample | Sample    | Spike | MS     | MS        |       |   |      | %Rec     |  |  |  |
|--------------------------------------|--------|-----------|-------|--------|-----------|-------|---|------|----------|--|--|--|
| Analyte                              | Result | Qualifier | Added | Result | Qualifier | Unit  | D | %Rec | Limits   |  |  |  |
| Gasoline Range Organics (GRO)-C6-C10 | <49.9  | U F2      | 999   | 721.9  |           | mg/Kg |   | 70   | 70 - 130 |  |  |  |
| Diesel Range Organics (Over C10-C28) | 90.4   | F1 F2     | 999   | 272.5  | F1        | mg/Kg |   | 18   | 70 - 130 |  |  |  |

|                | MS        | MS        |          |  |  |  |  |  |  |  |  |  |
|----------------|-----------|-----------|----------|--|--|--|--|--|--|--|--|--|
| Surrogate      | %Recovery | Qualifier | Limits   |  |  |  |  |  |  |  |  |  |
| 1-Chlorooctane | 36        | S1-       | 70 - 130 |  |  |  |  |  |  |  |  |  |
| o-Terphenyl    | 25        | S1-       | 70 - 130 |  |  |  |  |  |  |  |  |  |

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## QC Sample Results

Client: NT Global  
Project/Site: South Vaccum 354

Job ID: 880-18043-1  
SDG: Lea Co., NM

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

Lab Sample ID: 880-18043-21 MSD

Matrix: Solid

Analysis Batch: 32119

Client Sample ID: CS-21 (2')

Prep Type: Total/NA

Prep Batch: 32108

| Analyte                              | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit  | D | %Rec | %Rec Limits | RPD | RPD Limit |
|--------------------------------------|---------------|------------------|-------------|------------|---------------|-------|---|------|-------------|-----|-----------|
| Gasoline Range Organics (GRO)-C6-C10 | <49.9         | U F2             | 999         | 909.5      | F2            | mg/Kg |   | 89   | 70 - 130    | 23  | 20        |
| Diesel Range Organics (Over C10-C28) | 90.4          | F1 F2            | 999         | 672.5      | F1 F2         | mg/Kg |   | 58   | 70 - 130    | 85  | 20        |
| Surrogate                            | MSD %Recovery | MSD Qualifier    | Limits      |            |               |       |   |      |             |     |           |
| 1-Chlorooctane                       | 81            |                  | 70 - 130    |            |               |       |   |      |             |     |           |
| o-Terphenyl                          | 60            | S1-              | 70 - 130    |            |               |       |   |      |             |     |           |

## Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-32161/1-A

Matrix: Solid

Analysis Batch: 32247

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 |   |          | 08/17/22 19:13 | 1       |

Lab Sample ID: LCS 880-32161/2-A

Matrix: Solid

Analysis Batch: 32247

Client Sample ID: Lab Control Sample

Prep Type: Soluble

| Analyte  | Spike Added | LCS Result | LCS Qualifier | Unit  | D | %Rec | %Rec Limits |
|----------|-------------|------------|---------------|-------|---|------|-------------|
| Chloride | 250         | 248.5      |               | mg/Kg |   | 99   | 90 - 110    |

Lab Sample ID: LCSD 880-32161/3-A

Matrix: Solid

Analysis Batch: 32247

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         | 248.7       |                | mg/Kg |   | 99   | 90 - 110    | 0   | 20        |

Lab Sample ID: 880-18043-1 MS

Matrix: Solid

Analysis Batch: 32247

Client Sample ID: CS-1 (2')

Prep Type: Soluble

| Analyte  | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit  | D | %Rec | %Rec Limits |
|----------|---------------|------------------|-------------|-----------|--------------|-------|---|------|-------------|
| Chloride | 487           |                  | 251         | 738.3     |              | mg/Kg |   | 100  | 90 - 110    |

Lab Sample ID: 880-18043-1 MSD

Matrix: Solid

Analysis Batch: 32247

Client Sample ID: CS-1 (2')

Prep Type: Soluble

| Analyte  | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit  | D | %Rec | %Rec Limits | RPD | RPD Limit |
|----------|---------------|------------------|-------------|------------|---------------|-------|---|------|-------------|-----|-----------|
| Chloride | 487           |                  | 251         | 738.2      |               | mg/Kg |   | 100  | 90 - 110    | 0   | 20        |

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## QC Sample Results

Client: NT Global  
Project/Site: South Vaccum 354

Job ID: 880-18043-1  
SDG: Lea Co., NM

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

Lab Sample ID: 880-18043-11 MS

Matrix: Solid

Analysis Batch: 32247

Client Sample ID: CS-11 (2')

Prep Type: Soluble

| Analyte  | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit  | D | %Rec | %Rec Limits |  |
|----------|---------------|------------------|-------------|-----------|--------------|-------|---|------|-------------|--|
| Chloride | 226           |                  | 250         | 478.8     |              | mg/Kg |   | 101  | 90 - 110    |  |

Lab Sample ID: 880-18043-11 MSD

Matrix: Solid

Analysis Batch: 32247

Client Sample ID: CS-11 (2')

Prep Type: Soluble

| Analyte  | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit  | D | %Rec | %Rec Limits | RPD | RPD Limit |
|----------|---------------|------------------|-------------|------------|---------------|-------|---|------|-------------|-----|-----------|
| Chloride | 226           |                  | 250         | 478.1      |               | mg/Kg |   | 101  | 90 - 110    | 0   | 20        |

Lab Sample ID: MB 880-32167/1-A

Matrix: Solid

Analysis Batch: 32253

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 |   |          | 08/17/22 09:16 | 1       |

Lab Sample ID: LCS 880-32167/2-A

Matrix: Solid

Analysis Batch: 32253

Client Sample ID: Lab Control Sample

Prep Type: Soluble

| Analyte  | Spike Added | LCS Result | LCS Qualifier | Unit  | D | %Rec | %Rec Limits |  |
|----------|-------------|------------|---------------|-------|---|------|-------------|--|
| Chloride | 250         | 251.1      |               | mg/Kg |   | 100  | 90 - 110    |  |

Lab Sample ID: LCSD 880-32167/3-A

Matrix: Solid

Analysis Batch: 32253

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         | 254.3       |                | mg/Kg |   | 102  | 90 - 110    | 1   | 20        |

Lab Sample ID: 880-18043-14 MS

Matrix: Solid

Analysis Batch: 32253

Client Sample ID: CS-14 (2')

Prep Type: Soluble

| Analyte  | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit  | D | %Rec | %Rec Limits |  |
|----------|---------------|------------------|-------------|-----------|--------------|-------|---|------|-------------|--|
| Chloride | 216           | F1               | 249         | 474.2     |              | mg/Kg |   | 104  | 90 - 110    |  |

Lab Sample ID: 880-18043-14 MSD

Matrix: Solid

Analysis Batch: 32253

Client Sample ID: CS-14 (2')

Prep Type: Soluble

| Analyte  | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit  | D | %Rec | %Rec Limits | RPD | RPD Limit |
|----------|---------------|------------------|-------------|------------|---------------|-------|---|------|-------------|-----|-----------|
| Chloride | 216           | F1               | 249         | 498.8      | F1            | mg/Kg |   | 113  | 90 - 110    | 5   | 20        |

Lab Sample ID: 880-18043-24 MS

Matrix: Solid

Analysis Batch: 32253

Client Sample ID: CS-24 (2')

Prep Type: Soluble

| Analyte  | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit  | D | %Rec | %Rec Limits |  |
|----------|---------------|------------------|-------------|-----------|--------------|-------|---|------|-------------|--|
| Chloride | 289           |                  | 250         | 540.9     |              | mg/Kg |   | 101  | 90 - 110    |  |

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## QC Sample Results

Client: NT Global  
Project/Site: South Vaccum 354

Job ID: 880-18043-1  
SDG: Lea Co., NM

## Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: 880-18043-24 MSD

Matrix: Solid

Analysis Batch: 32253

Client Sample ID: CS-24 (2')

Prep Type: Soluble

| Analyte  | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit  | D | %Rec | %Rec Limits | RPD | RPD Limit |
|----------|---------------|------------------|-------------|------------|---------------|-------|---|------|-------------|-----|-----------|
| Chloride | 289           |                  | 250         | 542.2      |               | mg/Kg |   | 101  | 90 - 110    | 0   | 20        |

Lab Sample ID: MB 880-32168/1-A

Matrix: Solid

Analysis Batch: 32254

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 |   |          | 08/16/22 22:50 | 1       |

Lab Sample ID: LCS 880-32168/2-A

Matrix: Solid

Analysis Batch: 32254

Client Sample ID: Lab Control Sample

Prep Type: Soluble

| Analyte  | Spike Added | LCS Result | LCS Qualifier | Unit  | D | %Rec | %Rec Limits |
|----------|-------------|------------|---------------|-------|---|------|-------------|
| Chloride | 250         | 256.1      |               | mg/Kg |   | 102  | 90 - 110    |

Lab Sample ID: LCSD 880-32168/3-A

Matrix: Solid

Analysis Batch: 32254

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         | 247.5       |                | mg/Kg |   | 99   | 90 - 110    | 3   | 20        |

Lab Sample ID: 880-18043-34 MS

Matrix: Solid

Analysis Batch: 32254

Client Sample ID: SW-3

Prep Type: Soluble

| Analyte  | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit  | D | %Rec | %Rec Limits |
|----------|---------------|------------------|-------------|-----------|--------------|-------|---|------|-------------|
| Chloride | 228           |                  | 248         | 467.2     |              | mg/Kg |   | 97   | 90 - 110    |

Lab Sample ID: 880-18043-34 MSD

Matrix: Solid

Analysis Batch: 32254

Client Sample ID: SW-3

Prep Type: Soluble

| Analyte  | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit  | D | %Rec | %Rec Limits | RPD | RPD Limit |
|----------|---------------|------------------|-------------|------------|---------------|-------|---|------|-------------|-----|-----------|
| Chloride | 228           |                  | 248         | 488.7      |               | mg/Kg |   | 105  | 90 - 110    | 4   | 20        |

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## QC Association Summary

Client: NT Global  
Project/Site: South Vaccum 354

Job ID: 880-18043-1  
SDG: Lea Co., NM

## GC VOA

## Analysis Batch: 32280

| Lab Sample ID      | Client Sample ID       | Prep Type | Matrix | Method | Prep Batch |
|--------------------|------------------------|-----------|--------|--------|------------|
| 880-18043-1        | CS-1 (2')              | Total/NA  | Solid  | 8021B  | 32282      |
| 880-18043-2        | CS-2 (2')              | Total/NA  | Solid  | 8021B  | 32282      |
| 880-18043-3        | CS-3 (2')              | Total/NA  | Solid  | 8021B  | 32282      |
| 880-18043-4        | CS-4 (2')              | Total/NA  | Solid  | 8021B  | 32284      |
| 880-18043-25       | CS-25 (2')             | Total/NA  | Solid  | 8021B  | 32284      |
| 880-18043-26       | CS-26 (1')             | Total/NA  | Solid  | 8021B  | 32284      |
| 880-18043-27       | CS-27 (1')             | Total/NA  | Solid  | 8021B  | 32284      |
| 880-18043-28       | CS-28 (1')             | Total/NA  | Solid  | 8021B  | 32284      |
| 880-18043-29       | CS-29 (1')             | Total/NA  | Solid  | 8021B  | 32284      |
| 880-18043-30       | CS-30 (1')             | Total/NA  | Solid  | 8021B  | 32284      |
| 880-18043-31       | CS-31 (1')             | Total/NA  | Solid  | 8021B  | 32284      |
| 880-18043-32       | SW-1                   | Total/NA  | Solid  | 8021B  | 32284      |
| 880-18043-33       | SW-2                   | Total/NA  | Solid  | 8021B  | 32284      |
| 880-18043-34       | SW-3                   | Total/NA  | Solid  | 8021B  | 32284      |
| 880-18043-35       | SW-4                   | Total/NA  | Solid  | 8021B  | 32284      |
| 880-18043-36       | SW-5                   | Total/NA  | Solid  | 8021B  | 32284      |
| 880-18043-37       | SW-6                   | Total/NA  | Solid  | 8021B  | 32284      |
| 880-18043-38       | SW-7                   | Total/NA  | Solid  | 8021B  | 32284      |
| 880-18043-39       | SW-8                   | Total/NA  | Solid  | 8021B  | 32284      |
| 880-18043-40       | SW-9                   | Total/NA  | Solid  | 8021B  | 32284      |
| 880-18043-41       | SW-10                  | Total/NA  | Solid  | 8021B  | 32284      |
| 880-18043-42       | SW-11                  | Total/NA  | Solid  | 8021B  | 32284      |
| MB 880-32282/5-A   | Method Blank           | Total/NA  | Solid  | 8021B  | 32282      |
| MB 880-32284/5-A   | Method Blank           | Total/NA  | Solid  | 8021B  | 32284      |
| LCS 880-32282/1-A  | Lab Control Sample     | Total/NA  | Solid  | 8021B  | 32282      |
| LCS 880-32284/1-A  | Lab Control Sample     | Total/NA  | Solid  | 8021B  | 32284      |
| LCSD 880-32282/2-A | Lab Control Sample Dup | Total/NA  | Solid  | 8021B  | 32282      |
| LCSD 880-32284/2-A | Lab Control Sample Dup | Total/NA  | Solid  | 8021B  | 32284      |
| 880-18043-25 MS    | CS-25 (2')             | Total/NA  | Solid  | 8021B  | 32284      |
| 880-18043-25 MSD   | CS-25 (2')             | Total/NA  | Solid  | 8021B  | 32284      |

## Analysis Batch: 32281

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---------------|------------------|-----------|--------|--------|------------|
| 880-18043-5   | CS-5 (2')        | Total/NA  | Solid  | 8021B  | 32283      |
| 880-18043-6   | CS-6 (2')        | Total/NA  | Solid  | 8021B  | 32283      |
| 880-18043-7   | CS-7 (2')        | Total/NA  | Solid  | 8021B  | 32283      |
| 880-18043-8   | CS-8 (2')        | Total/NA  | Solid  | 8021B  | 32283      |
| 880-18043-9   | CS-9 (2')        | Total/NA  | Solid  | 8021B  | 32283      |
| 880-18043-10  | CS-10 (2')       | Total/NA  | Solid  | 8021B  | 32283      |
| 880-18043-11  | CS-11 (2')       | Total/NA  | Solid  | 8021B  | 32283      |
| 880-18043-12  | CS-12 (2')       | Total/NA  | Solid  | 8021B  | 32283      |
| 880-18043-13  | CS-13 (2')       | Total/NA  | Solid  | 8021B  | 32283      |
| 880-18043-14  | CS-14 (2')       | Total/NA  | Solid  | 8021B  | 32283      |
| 880-18043-15  | CS-15 (2')       | Total/NA  | Solid  | 8021B  | 32283      |
| 880-18043-16  | CS-16 (2')       | Total/NA  | Solid  | 8021B  | 32283      |
| 880-18043-17  | CS-17 (2')       | Total/NA  | Solid  | 8021B  | 32283      |
| 880-18043-18  | CS-18 (2')       | Total/NA  | Solid  | 8021B  | 32283      |
| 880-18043-19  | CS-19 (2')       | Total/NA  | Solid  | 8021B  | 32283      |
| 880-18043-20  | CS-20 (2')       | Total/NA  | Solid  | 8021B  | 32283      |
| 880-18043-21  | CS-21 (2')       | Total/NA  | Solid  | 8021B  | 32283      |
| 880-18043-22  | CS-22 (2')       | Total/NA  | Solid  | 8021B  | 32283      |

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## QC Association Summary

Client: NT Global  
Project/Site: South Vacuum 354

Job ID: 880-18043-1  
SDG: Lea Co., NM

## GC VOA (Continued)

## Analysis Batch: 32281 (Continued)

| Lab Sample ID      | Client Sample ID       | Prep Type | Matrix | Method | Prep Batch |
|--------------------|------------------------|-----------|--------|--------|------------|
| 880-18043-23       | CS-23 (2')             | Total/NA  | Solid  | 8021B  | 32283      |
| 880-18043-24       | CS-24 (2')             | Total/NA  | Solid  | 8021B  | 32283      |
| MB 880-32283/5-A   | Method Blank           | Total/NA  | Solid  | 8021B  | 32283      |
| LCS 880-32283/1-A  | Lab Control Sample     | Total/NA  | Solid  | 8021B  | 32283      |
| LCSD 880-32283/2-A | Lab Control Sample Dup | Total/NA  | Solid  | 8021B  | 32283      |
| 880-18043-5 MS     | CS-5 (2')              | Total/NA  | Solid  | 8021B  | 32283      |
| 880-18043-5 MSD    | CS-5 (2')              | Total/NA  | Solid  | 8021B  | 32283      |

## Prep Batch: 32282

| Lab Sample ID      | Client Sample ID       | Prep Type | Matrix | Method | Prep Batch |
|--------------------|------------------------|-----------|--------|--------|------------|
| 880-18043-1        | CS-1 (2')              | Total/NA  | Solid  | 5035   |            |
| 880-18043-2        | CS-2 (2')              | Total/NA  | Solid  | 5035   |            |
| 880-18043-3        | CS-3 (2')              | Total/NA  | Solid  | 5035   |            |
| MB 880-32282/5-A   | Method Blank           | Total/NA  | Solid  | 5035   |            |
| LCS 880-32282/1-A  | Lab Control Sample     | Total/NA  | Solid  | 5035   |            |
| LCSD 880-32282/2-A | Lab Control Sample Dup | Total/NA  | Solid  | 5035   |            |

## Prep Batch: 32283

| Lab Sample ID      | Client Sample ID       | Prep Type | Matrix | Method | Prep Batch |
|--------------------|------------------------|-----------|--------|--------|------------|
| 880-18043-5        | CS-5 (2')              | Total/NA  | Solid  | 5035   |            |
| 880-18043-6        | CS-6 (2')              | Total/NA  | Solid  | 5035   |            |
| 880-18043-7        | CS-7 (2')              | Total/NA  | Solid  | 5035   |            |
| 880-18043-8        | CS-8 (2')              | Total/NA  | Solid  | 5035   |            |
| 880-18043-9        | CS-9 (2')              | Total/NA  | Solid  | 5035   |            |
| 880-18043-10       | CS-10 (2')             | Total/NA  | Solid  | 5035   |            |
| 880-18043-11       | CS-11 (2')             | Total/NA  | Solid  | 5035   |            |
| 880-18043-12       | CS-12 (2')             | Total/NA  | Solid  | 5035   |            |
| 880-18043-13       | CS-13 (2')             | Total/NA  | Solid  | 5035   |            |
| 880-18043-14       | CS-14 (2')             | Total/NA  | Solid  | 5035   |            |
| 880-18043-15       | CS-15 (2')             | Total/NA  | Solid  | 5035   |            |
| 880-18043-16       | CS-16 (2')             | Total/NA  | Solid  | 5035   |            |
| 880-18043-17       | CS-17 (2')             | Total/NA  | Solid  | 5035   |            |
| 880-18043-18       | CS-18 (2')             | Total/NA  | Solid  | 5035   |            |
| 880-18043-19       | CS-19 (2')             | Total/NA  | Solid  | 5035   |            |
| 880-18043-20       | CS-20 (2')             | Total/NA  | Solid  | 5035   |            |
| 880-18043-21       | CS-21 (2')             | Total/NA  | Solid  | 5035   |            |
| 880-18043-22       | CS-22 (2')             | Total/NA  | Solid  | 5035   |            |
| 880-18043-23       | CS-23 (2')             | Total/NA  | Solid  | 5035   |            |
| 880-18043-24       | CS-24 (2')             | Total/NA  | Solid  | 5035   |            |
| MB 880-32283/5-A   | Method Blank           | Total/NA  | Solid  | 5035   |            |
| LCS 880-32283/1-A  | Lab Control Sample     | Total/NA  | Solid  | 5035   |            |
| LCSD 880-32283/2-A | Lab Control Sample Dup | Total/NA  | Solid  | 5035   |            |
| 880-18043-5 MS     | CS-5 (2')              | Total/NA  | Solid  | 5035   |            |
| 880-18043-5 MSD    | CS-5 (2')              | Total/NA  | Solid  | 5035   |            |

## Prep Batch: 32284

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---------------|------------------|-----------|--------|--------|------------|
| 880-18043-4   | CS-4 (2')        | Total/NA  | Solid  | 5035   |            |
| 880-18043-25  | CS-25 (2')       | Total/NA  | Solid  | 5035   |            |
| 880-18043-26  | CS-26 (1')       | Total/NA  | Solid  | 5035   |            |
| 880-18043-27  | CS-27 (1')       | Total/NA  | Solid  | 5035   |            |

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## QC Association Summary

Client: NT Global  
Project/Site: South Vacuum 354

Job ID: 880-18043-1  
SDG: Lea Co., NM

## GC VOA (Continued)

## Prep Batch: 32284 (Continued)

| Lab Sample ID      | Client Sample ID       | Prep Type | Matrix | Method | Prep Batch |
|--------------------|------------------------|-----------|--------|--------|------------|
| 880-18043-28       | CS-28 (1')             | Total/NA  | Solid  | 5035   |            |
| 880-18043-29       | CS-29 (1')             | Total/NA  | Solid  | 5035   |            |
| 880-18043-30       | CS-30 (1')             | Total/NA  | Solid  | 5035   |            |
| 880-18043-31       | CS-31 (1')             | Total/NA  | Solid  | 5035   |            |
| 880-18043-32       | SW-1                   | Total/NA  | Solid  | 5035   |            |
| 880-18043-33       | SW-2                   | Total/NA  | Solid  | 5035   |            |
| 880-18043-34       | SW-3                   | Total/NA  | Solid  | 5035   |            |
| 880-18043-35       | SW-4                   | Total/NA  | Solid  | 5035   |            |
| 880-18043-36       | SW-5                   | Total/NA  | Solid  | 5035   |            |
| 880-18043-37       | SW-6                   | Total/NA  | Solid  | 5035   |            |
| 880-18043-38       | SW-7                   | Total/NA  | Solid  | 5035   |            |
| 880-18043-39       | SW-8                   | Total/NA  | Solid  | 5035   |            |
| 880-18043-40       | SW-9                   | Total/NA  | Solid  | 5035   |            |
| 880-18043-41       | SW-10                  | Total/NA  | Solid  | 5035   |            |
| 880-18043-42       | SW-11                  | Total/NA  | Solid  | 5035   |            |
| MB 880-32284/5-A   | Method Blank           | Total/NA  | Solid  | 5035   |            |
| LCS 880-32284/1-A  | Lab Control Sample     | Total/NA  | Solid  | 5035   |            |
| LCSD 880-32284/2-A | Lab Control Sample Dup | Total/NA  | Solid  | 5035   |            |
| 880-18043-25 MS    | CS-25 (2')             | Total/NA  | Solid  | 5035   |            |
| 880-18043-25 MSD   | CS-25 (2')             | Total/NA  | Solid  | 5035   |            |

## Analysis Batch: 32308

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method     | Prep Batch |
|---------------|------------------|-----------|--------|------------|------------|
| 880-18043-1   | CS-1 (2')        | Total/NA  | Solid  | Total BTEX |            |
| 880-18043-2   | CS-2 (2')        | Total/NA  | Solid  | Total BTEX |            |
| 880-18043-3   | CS-3 (2')        | Total/NA  | Solid  | Total BTEX |            |
| 880-18043-4   | CS-4 (2')        | Total/NA  | Solid  | Total BTEX |            |
| 880-18043-5   | CS-5 (2')        | Total/NA  | Solid  | Total BTEX |            |
| 880-18043-6   | CS-6 (2')        | Total/NA  | Solid  | Total BTEX |            |
| 880-18043-7   | CS-7 (2')        | Total/NA  | Solid  | Total BTEX |            |
| 880-18043-8   | CS-8 (2')        | Total/NA  | Solid  | Total BTEX |            |
| 880-18043-9   | CS-9 (2')        | Total/NA  | Solid  | Total BTEX |            |
| 880-18043-10  | CS-10 (2')       | Total/NA  | Solid  | Total BTEX |            |
| 880-18043-11  | CS-11 (2')       | Total/NA  | Solid  | Total BTEX |            |
| 880-18043-12  | CS-12 (2')       | Total/NA  | Solid  | Total BTEX |            |
| 880-18043-13  | CS-13 (2')       | Total/NA  | Solid  | Total BTEX |            |
| 880-18043-14  | CS-14 (2')       | Total/NA  | Solid  | Total BTEX |            |
| 880-18043-15  | CS-15 (2')       | Total/NA  | Solid  | Total BTEX |            |
| 880-18043-16  | CS-16 (2')       | Total/NA  | Solid  | Total BTEX |            |
| 880-18043-17  | CS-17 (2')       | Total/NA  | Solid  | Total BTEX |            |
| 880-18043-18  | CS-18 (2')       | Total/NA  | Solid  | Total BTEX |            |
| 880-18043-19  | CS-19 (2')       | Total/NA  | Solid  | Total BTEX |            |
| 880-18043-20  | CS-20 (2')       | Total/NA  | Solid  | Total BTEX |            |
| 880-18043-21  | CS-21 (2')       | Total/NA  | Solid  | Total BTEX |            |
| 880-18043-22  | CS-22 (2')       | Total/NA  | Solid  | Total BTEX |            |
| 880-18043-23  | CS-23 (2')       | Total/NA  | Solid  | Total BTEX |            |
| 880-18043-24  | CS-24 (2')       | Total/NA  | Solid  | Total BTEX |            |
| 880-18043-25  | CS-25 (2')       | Total/NA  | Solid  | Total BTEX |            |
| 880-18043-26  | CS-26 (1')       | Total/NA  | Solid  | Total BTEX |            |
| 880-18043-27  | CS-27 (1')       | Total/NA  | Solid  | Total BTEX |            |
| 880-18043-28  | CS-28 (1')       | Total/NA  | Solid  | Total BTEX |            |

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## QC Association Summary

Client: NT Global  
Project/Site: South Vaccum 354

Job ID: 880-18043-1  
SDG: Lea Co., NM

## GC VOA (Continued)

## Analysis Batch: 32308 (Continued)

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method     | Prep Batch |
|---------------|------------------|-----------|--------|------------|------------|
| 880-18043-29  | CS-29 (1')       | Total/NA  | Solid  | Total BTEX |            |
| 880-18043-30  | CS-30 (1')       | Total/NA  | Solid  | Total BTEX |            |
| 880-18043-31  | CS-31 (1')       | Total/NA  | Solid  | Total BTEX |            |
| 880-18043-32  | SW-1             | Total/NA  | Solid  | Total BTEX |            |
| 880-18043-33  | SW-2             | Total/NA  | Solid  | Total BTEX |            |
| 880-18043-34  | SW-3             | Total/NA  | Solid  | Total BTEX |            |
| 880-18043-35  | SW-4             | Total/NA  | Solid  | Total BTEX |            |
| 880-18043-36  | SW-5             | Total/NA  | Solid  | Total BTEX |            |
| 880-18043-37  | SW-6             | Total/NA  | Solid  | Total BTEX |            |
| 880-18043-38  | SW-7             | Total/NA  | Solid  | Total BTEX |            |
| 880-18043-39  | SW-8             | Total/NA  | Solid  | Total BTEX |            |
| 880-18043-40  | SW-9             | Total/NA  | Solid  | Total BTEX |            |
| 880-18043-41  | SW-10            | Total/NA  | Solid  | Total BTEX |            |
| 880-18043-42  | SW-11            | Total/NA  | Solid  | Total BTEX |            |

## GC Semi VOA

## Analysis Batch: 32049

| Lab Sample ID       | Client Sample ID       | Prep Type | Matrix | Method   | Prep Batch |
|---------------------|------------------------|-----------|--------|----------|------------|
| 880-18043-41        | SW-10                  | Total/NA  | Solid  | 8015B NM | 32104      |
| 880-18043-42        | SW-11                  | Total/NA  | Solid  | 8015B NM | 32104      |
| MB 880-32104/1-A    | Method Blank           | Total/NA  | Solid  | 8015B NM | 32104      |
| LCS 880-32104/2-A   | Lab Control Sample     | Total/NA  | Solid  | 8015B NM | 32104      |
| LCSD 880-32104/3-A  | Lab Control Sample Dup | Total/NA  | Solid  | 8015B NM | 32104      |
| 880-18042-A-1-B MS  | Matrix Spike           | Total/NA  | Solid  | 8015B NM | 32104      |
| 880-18042-A-1-C MSD | Matrix Spike Duplicate | Total/NA  | Solid  | 8015B NM | 32104      |

## Prep Batch: 32104

| Lab Sample ID       | Client Sample ID       | Prep Type | Matrix | Method      | Prep Batch |
|---------------------|------------------------|-----------|--------|-------------|------------|
| 880-18043-41        | SW-10                  | Total/NA  | Solid  | 8015NM Prep |            |
| 880-18043-42        | SW-11                  | Total/NA  | Solid  | 8015NM Prep |            |
| MB 880-32104/1-A    | Method Blank           | Total/NA  | Solid  | 8015NM Prep |            |
| LCS 880-32104/2-A   | Lab Control Sample     | Total/NA  | Solid  | 8015NM Prep |            |
| LCSD 880-32104/3-A  | Lab Control Sample Dup | Total/NA  | Solid  | 8015NM Prep |            |
| 880-18042-A-1-B MS  | Matrix Spike           | Total/NA  | Solid  | 8015NM Prep |            |
| 880-18042-A-1-C MSD | Matrix Spike Duplicate | Total/NA  | Solid  | 8015NM Prep |            |

## Prep Batch: 32105

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method      | Prep Batch |
|---------------|------------------|-----------|--------|-------------|------------|
| 880-18043-1   | CS-1 (2')        | Total/NA  | Solid  | 8015NM Prep |            |
| 880-18043-2   | CS-2 (2')        | Total/NA  | Solid  | 8015NM Prep |            |
| 880-18043-3   | CS-3 (2')        | Total/NA  | Solid  | 8015NM Prep |            |
| 880-18043-4   | CS-4 (2')        | Total/NA  | Solid  | 8015NM Prep |            |
| 880-18043-5   | CS-5 (2')        | Total/NA  | Solid  | 8015NM Prep |            |
| 880-18043-6   | CS-6 (2')        | Total/NA  | Solid  | 8015NM Prep |            |
| 880-18043-7   | CS-7 (2')        | Total/NA  | Solid  | 8015NM Prep |            |
| 880-18043-8   | CS-8 (2')        | Total/NA  | Solid  | 8015NM Prep |            |
| 880-18043-9   | CS-9 (2')        | Total/NA  | Solid  | 8015NM Prep |            |
| 880-18043-10  | CS-10 (2')       | Total/NA  | Solid  | 8015NM Prep |            |
| 880-18043-11  | CS-11 (2')       | Total/NA  | Solid  | 8015NM Prep |            |
| 880-18043-12  | CS-12 (2')       | Total/NA  | Solid  | 8015NM Prep |            |

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## QC Association Summary

Client: NT Global  
Project/Site: South Vacuum 354

Job ID: 880-18043-1  
SDG: Lea Co., NM

## GC Semi VOA (Continued)

## Prep Batch: 32105 (Continued)

| Lab Sample ID      | Client Sample ID       | Prep Type | Matrix | Method      | Prep Batch |
|--------------------|------------------------|-----------|--------|-------------|------------|
| 880-18043-13       | CS-13 (2')             | Total/NA  | Solid  | 8015NM Prep |            |
| 880-18043-14       | CS-14 (2')             | Total/NA  | Solid  | 8015NM Prep |            |
| 880-18043-15       | CS-15 (2')             | Total/NA  | Solid  | 8015NM Prep |            |
| 880-18043-16       | CS-16 (2')             | Total/NA  | Solid  | 8015NM Prep |            |
| 880-18043-17       | CS-17 (2')             | Total/NA  | Solid  | 8015NM Prep |            |
| 880-18043-18       | CS-18 (2')             | Total/NA  | Solid  | 8015NM Prep |            |
| 880-18043-19       | CS-19 (2')             | Total/NA  | Solid  | 8015NM Prep |            |
| 880-18043-20       | CS-20 (2')             | Total/NA  | Solid  | 8015NM Prep |            |
| MB 880-32105/1-A   | Method Blank           | Total/NA  | Solid  | 8015NM Prep |            |
| LCS 880-32105/2-A  | Lab Control Sample     | Total/NA  | Solid  | 8015NM Prep |            |
| LCSD 880-32105/3-A | Lab Control Sample Dup | Total/NA  | Solid  | 8015NM Prep |            |
| 880-18043-1 MS     | CS-1 (2')              | Total/NA  | Solid  | 8015NM Prep |            |
| 880-18043-1 MSD    | CS-1 (2')              | Total/NA  | Solid  | 8015NM Prep |            |

## Prep Batch: 32108

| Lab Sample ID      | Client Sample ID       | Prep Type | Matrix | Method      | Prep Batch |
|--------------------|------------------------|-----------|--------|-------------|------------|
| 880-18043-21       | CS-21 (2')             | Total/NA  | Solid  | 8015NM Prep |            |
| 880-18043-22       | CS-22 (2')             | Total/NA  | Solid  | 8015NM Prep |            |
| 880-18043-23       | CS-23 (2')             | Total/NA  | Solid  | 8015NM Prep |            |
| 880-18043-24       | CS-24 (2')             | Total/NA  | Solid  | 8015NM Prep |            |
| 880-18043-25       | CS-25 (2')             | Total/NA  | Solid  | 8015NM Prep |            |
| 880-18043-26       | CS-26 (1')             | Total/NA  | Solid  | 8015NM Prep |            |
| 880-18043-27       | CS-27 (1')             | Total/NA  | Solid  | 8015NM Prep |            |
| 880-18043-28       | CS-28 (1')             | Total/NA  | Solid  | 8015NM Prep |            |
| 880-18043-29       | CS-29 (1')             | Total/NA  | Solid  | 8015NM Prep |            |
| 880-18043-30       | CS-30 (1')             | Total/NA  | Solid  | 8015NM Prep |            |
| 880-18043-31       | CS-31 (1')             | Total/NA  | Solid  | 8015NM Prep |            |
| 880-18043-32       | SW-1                   | Total/NA  | Solid  | 8015NM Prep |            |
| 880-18043-33       | SW-2                   | Total/NA  | Solid  | 8015NM Prep |            |
| 880-18043-34       | SW-3                   | Total/NA  | Solid  | 8015NM Prep |            |
| 880-18043-35       | SW-4                   | Total/NA  | Solid  | 8015NM Prep |            |
| 880-18043-36       | SW-5                   | Total/NA  | Solid  | 8015NM Prep |            |
| 880-18043-37       | SW-6                   | Total/NA  | Solid  | 8015NM Prep |            |
| 880-18043-38       | SW-7                   | Total/NA  | Solid  | 8015NM Prep |            |
| 880-18043-39       | SW-8                   | Total/NA  | Solid  | 8015NM Prep |            |
| 880-18043-40       | SW-9                   | Total/NA  | Solid  | 8015NM Prep |            |
| MB 880-32108/1-A   | Method Blank           | Total/NA  | Solid  | 8015NM Prep |            |
| LCS 880-32108/2-A  | Lab Control Sample     | Total/NA  | Solid  | 8015NM Prep |            |
| LCSD 880-32108/3-A | Lab Control Sample Dup | Total/NA  | Solid  | 8015NM Prep |            |
| 880-18043-21 MS    | CS-21 (2')             | Total/NA  | Solid  | 8015NM Prep |            |
| 880-18043-21 MSD   | CS-21 (2')             | Total/NA  | Solid  | 8015NM Prep |            |

## Analysis Batch: 32117

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method   | Prep Batch |
|---------------|------------------|-----------|--------|----------|------------|
| 880-18043-1   | CS-1 (2')        | Total/NA  | Solid  | 8015B NM | 32105      |
| 880-18043-2   | CS-2 (2')        | Total/NA  | Solid  | 8015B NM | 32105      |
| 880-18043-3   | CS-3 (2')        | Total/NA  | Solid  | 8015B NM | 32105      |
| 880-18043-4   | CS-4 (2')        | Total/NA  | Solid  | 8015B NM | 32105      |
| 880-18043-5   | CS-5 (2')        | Total/NA  | Solid  | 8015B NM | 32105      |
| 880-18043-6   | CS-6 (2')        | Total/NA  | Solid  | 8015B NM | 32105      |
| 880-18043-7   | CS-7 (2')        | Total/NA  | Solid  | 8015B NM | 32105      |

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## QC Association Summary

Client: NT Global  
Project/Site: South Vaccum 354

Job ID: 880-18043-1  
SDG: Lea Co., NM

## GC Semi VOA (Continued)

## Analysis Batch: 32117 (Continued)

| Lab Sample ID      | Client Sample ID       | Prep Type | Matrix | Method   | Prep Batch |
|--------------------|------------------------|-----------|--------|----------|------------|
| 880-18043-8        | CS-8 (2')              | Total/NA  | Solid  | 8015B NM | 32105      |
| 880-18043-9        | CS-9 (2')              | Total/NA  | Solid  | 8015B NM | 32105      |
| 880-18043-10       | CS-10 (2')             | Total/NA  | Solid  | 8015B NM | 32105      |
| 880-18043-11       | CS-11 (2')             | Total/NA  | Solid  | 8015B NM | 32105      |
| 880-18043-12       | CS-12 (2')             | Total/NA  | Solid  | 8015B NM | 32105      |
| 880-18043-13       | CS-13 (2')             | Total/NA  | Solid  | 8015B NM | 32105      |
| 880-18043-14       | CS-14 (2')             | Total/NA  | Solid  | 8015B NM | 32105      |
| 880-18043-15       | CS-15 (2')             | Total/NA  | Solid  | 8015B NM | 32105      |
| 880-18043-16       | CS-16 (2')             | Total/NA  | Solid  | 8015B NM | 32105      |
| 880-18043-17       | CS-17 (2')             | Total/NA  | Solid  | 8015B NM | 32105      |
| 880-18043-18       | CS-18 (2')             | Total/NA  | Solid  | 8015B NM | 32105      |
| 880-18043-19       | CS-19 (2')             | Total/NA  | Solid  | 8015B NM | 32105      |
| 880-18043-20       | CS-20 (2')             | Total/NA  | Solid  | 8015B NM | 32105      |
| MB 880-32105/1-A   | Method Blank           | Total/NA  | Solid  | 8015B NM | 32105      |
| LCS 880-32105/2-A  | Lab Control Sample     | Total/NA  | Solid  | 8015B NM | 32105      |
| LCSD 880-32105/3-A | Lab Control Sample Dup | Total/NA  | Solid  | 8015B NM | 32105      |
| 880-18043-1 MS     | CS-1 (2')              | Total/NA  | Solid  | 8015B NM | 32105      |
| 880-18043-1 MSD    | CS-1 (2')              | Total/NA  | Solid  | 8015B NM | 32105      |

## Analysis Batch: 32119

| Lab Sample ID      | Client Sample ID       | Prep Type | Matrix | Method   | Prep Batch |
|--------------------|------------------------|-----------|--------|----------|------------|
| 880-18043-21       | CS-21 (2')             | Total/NA  | Solid  | 8015B NM | 32108      |
| 880-18043-22       | CS-22 (2')             | Total/NA  | Solid  | 8015B NM | 32108      |
| 880-18043-23       | CS-23 (2')             | Total/NA  | Solid  | 8015B NM | 32108      |
| 880-18043-24       | CS-24 (2')             | Total/NA  | Solid  | 8015B NM | 32108      |
| 880-18043-25       | CS-25 (2')             | Total/NA  | Solid  | 8015B NM | 32108      |
| 880-18043-26       | CS-26 (1')             | Total/NA  | Solid  | 8015B NM | 32108      |
| 880-18043-27       | CS-27 (1')             | Total/NA  | Solid  | 8015B NM | 32108      |
| 880-18043-28       | CS-28 (1')             | Total/NA  | Solid  | 8015B NM | 32108      |
| 880-18043-29       | CS-29 (1')             | Total/NA  | Solid  | 8015B NM | 32108      |
| 880-18043-30       | CS-30 (1')             | Total/NA  | Solid  | 8015B NM | 32108      |
| 880-18043-31       | CS-31 (1')             | Total/NA  | Solid  | 8015B NM | 32108      |
| 880-18043-32       | SW-1                   | Total/NA  | Solid  | 8015B NM | 32108      |
| 880-18043-33       | SW-2                   | Total/NA  | Solid  | 8015B NM | 32108      |
| 880-18043-34       | SW-3                   | Total/NA  | Solid  | 8015B NM | 32108      |
| 880-18043-35       | SW-4                   | Total/NA  | Solid  | 8015B NM | 32108      |
| 880-18043-36       | SW-5                   | Total/NA  | Solid  | 8015B NM | 32108      |
| 880-18043-37       | SW-6                   | Total/NA  | Solid  | 8015B NM | 32108      |
| 880-18043-38       | SW-7                   | Total/NA  | Solid  | 8015B NM | 32108      |
| 880-18043-39       | SW-8                   | Total/NA  | Solid  | 8015B NM | 32108      |
| 880-18043-40       | SW-9                   | Total/NA  | Solid  | 8015B NM | 32108      |
| MB 880-32108/1-A   | Method Blank           | Total/NA  | Solid  | 8015B NM | 32108      |
| LCS 880-32108/2-A  | Lab Control Sample     | Total/NA  | Solid  | 8015B NM | 32108      |
| LCSD 880-32108/3-A | Lab Control Sample Dup | Total/NA  | Solid  | 8015B NM | 32108      |
| 880-18043-21 MS    | CS-21 (2')             | Total/NA  | Solid  | 8015B NM | 32108      |
| 880-18043-21 MSD   | CS-21 (2')             | Total/NA  | Solid  | 8015B NM | 32108      |

## Analysis Batch: 32157

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method  | Prep Batch |
|---------------|------------------|-----------|--------|---------|------------|
| 880-18043-1   | CS-1 (2')        | Total/NA  | Solid  | 8015 NM |            |
| 880-18043-2   | CS-2 (2')        | Total/NA  | Solid  | 8015 NM |            |

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## QC Association Summary

Client: NT Global  
Project/Site: South Vacuum 354

Job ID: 880-18043-1  
SDG: Lea Co., NM

## GC Semi VOA (Continued)

## Analysis Batch: 32157 (Continued)

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method  | Prep Batch |
|---------------|------------------|-----------|--------|---------|------------|
| 880-18043-3   | CS-3 (2')        | Total/NA  | Solid  | 8015 NM |            |
| 880-18043-4   | CS-4 (2')        | Total/NA  | Solid  | 8015 NM |            |
| 880-18043-5   | CS-5 (2')        | Total/NA  | Solid  | 8015 NM |            |
| 880-18043-6   | CS-6 (2')        | Total/NA  | Solid  | 8015 NM |            |
| 880-18043-7   | CS-7 (2')        | Total/NA  | Solid  | 8015 NM |            |
| 880-18043-8   | CS-8 (2')        | Total/NA  | Solid  | 8015 NM |            |
| 880-18043-9   | CS-9 (2')        | Total/NA  | Solid  | 8015 NM |            |
| 880-18043-10  | CS-10 (2')       | Total/NA  | Solid  | 8015 NM |            |
| 880-18043-11  | CS-11 (2')       | Total/NA  | Solid  | 8015 NM |            |
| 880-18043-12  | CS-12 (2')       | Total/NA  | Solid  | 8015 NM |            |
| 880-18043-13  | CS-13 (2')       | Total/NA  | Solid  | 8015 NM |            |
| 880-18043-14  | CS-14 (2')       | Total/NA  | Solid  | 8015 NM |            |
| 880-18043-15  | CS-15 (2')       | Total/NA  | Solid  | 8015 NM |            |
| 880-18043-16  | CS-16 (2')       | Total/NA  | Solid  | 8015 NM |            |
| 880-18043-17  | CS-17 (2')       | Total/NA  | Solid  | 8015 NM |            |
| 880-18043-18  | CS-18 (2')       | Total/NA  | Solid  | 8015 NM |            |
| 880-18043-19  | CS-19 (2')       | Total/NA  | Solid  | 8015 NM |            |
| 880-18043-20  | CS-20 (2')       | Total/NA  | Solid  | 8015 NM |            |
| 880-18043-21  | CS-21 (2')       | Total/NA  | Solid  | 8015 NM |            |
| 880-18043-22  | CS-22 (2')       | Total/NA  | Solid  | 8015 NM |            |
| 880-18043-23  | CS-23 (2')       | Total/NA  | Solid  | 8015 NM |            |
| 880-18043-24  | CS-24 (2')       | Total/NA  | Solid  | 8015 NM |            |
| 880-18043-25  | CS-25 (2')       | Total/NA  | Solid  | 8015 NM |            |
| 880-18043-26  | CS-26 (1')       | Total/NA  | Solid  | 8015 NM |            |
| 880-18043-27  | CS-27 (1')       | Total/NA  | Solid  | 8015 NM |            |
| 880-18043-28  | CS-28 (1')       | Total/NA  | Solid  | 8015 NM |            |
| 880-18043-29  | CS-29 (1')       | Total/NA  | Solid  | 8015 NM |            |
| 880-18043-30  | CS-30 (1')       | Total/NA  | Solid  | 8015 NM |            |
| 880-18043-31  | CS-31 (1')       | Total/NA  | Solid  | 8015 NM |            |
| 880-18043-32  | SW-1             | Total/NA  | Solid  | 8015 NM |            |
| 880-18043-33  | SW-2             | Total/NA  | Solid  | 8015 NM |            |
| 880-18043-34  | SW-3             | Total/NA  | Solid  | 8015 NM |            |
| 880-18043-35  | SW-4             | Total/NA  | Solid  | 8015 NM |            |
| 880-18043-36  | SW-5             | Total/NA  | Solid  | 8015 NM |            |
| 880-18043-37  | SW-6             | Total/NA  | Solid  | 8015 NM |            |
| 880-18043-38  | SW-7             | Total/NA  | Solid  | 8015 NM |            |
| 880-18043-39  | SW-8             | Total/NA  | Solid  | 8015 NM |            |
| 880-18043-40  | SW-9             | Total/NA  | Solid  | 8015 NM |            |
| 880-18043-41  | SW-10            | Total/NA  | Solid  | 8015 NM |            |
| 880-18043-42  | SW-11            | Total/NA  | Solid  | 8015 NM |            |

## HPLC/IC

## Leach Batch: 32161

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method   | Prep Batch |
|---------------|------------------|-----------|--------|----------|------------|
| 880-18043-1   | CS-1 (2')        | Soluble   | Solid  | DI Leach |            |
| 880-18043-2   | CS-2 (2')        | Soluble   | Solid  | DI Leach |            |
| 880-18043-3   | CS-3 (2')        | Soluble   | Solid  | DI Leach |            |
| 880-18043-4   | CS-4 (2')        | Soluble   | Solid  | DI Leach |            |
| 880-18043-5   | CS-5 (2')        | Soluble   | Solid  | DI Leach |            |
| 880-18043-6   | CS-6 (2')        | Soluble   | Solid  | DI Leach |            |

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## QC Association Summary

Client: NT Global  
Project/Site: South Vaccum 354

Job ID: 880-18043-1  
SDG: Lea Co., NM

## HPLC/IC (Continued)

## Leach Batch: 32161 (Continued)

| Lab Sample ID      | Client Sample ID       | Prep Type | Matrix | Method   | Prep Batch |
|--------------------|------------------------|-----------|--------|----------|------------|
| 880-18043-7        | CS-7 (2')              | Soluble   | Solid  | DI Leach |            |
| 880-18043-8        | CS-8 (2')              | Soluble   | Solid  | DI Leach |            |
| 880-18043-9        | CS-9 (2')              | Soluble   | Solid  | DI Leach |            |
| 880-18043-10       | CS-10 (2')             | Soluble   | Solid  | DI Leach |            |
| 880-18043-11       | CS-11 (2')             | Soluble   | Solid  | DI Leach |            |
| 880-18043-12       | CS-12 (2')             | Soluble   | Solid  | DI Leach |            |
| 880-18043-13       | CS-13 (2')             | Soluble   | Solid  | DI Leach |            |
| MB 880-32161/1-A   | Method Blank           | Soluble   | Solid  | DI Leach |            |
| LCS 880-32161/2-A  | Lab Control Sample     | Soluble   | Solid  | DI Leach |            |
| LCSD 880-32161/3-A | Lab Control Sample Dup | Soluble   | Solid  | DI Leach |            |
| 880-18043-1 MS     | CS-1 (2')              | Soluble   | Solid  | DI Leach |            |
| 880-18043-1 MSD    | CS-1 (2')              | Soluble   | Solid  | DI Leach |            |
| 880-18043-11 MS    | CS-11 (2')             | Soluble   | Solid  | DI Leach |            |
| 880-18043-11 MSD   | CS-11 (2')             | Soluble   | Solid  | DI Leach |            |

## Leach Batch: 32167

| Lab Sample ID      | Client Sample ID       | Prep Type | Matrix | Method   | Prep Batch |
|--------------------|------------------------|-----------|--------|----------|------------|
| 880-18043-14       | CS-14 (2')             | Soluble   | Solid  | DI Leach |            |
| 880-18043-15       | CS-15 (2')             | Soluble   | Solid  | DI Leach |            |
| 880-18043-16       | CS-16 (2')             | Soluble   | Solid  | DI Leach |            |
| 880-18043-17       | CS-17 (2')             | Soluble   | Solid  | DI Leach |            |
| 880-18043-18       | CS-18 (2')             | Soluble   | Solid  | DI Leach |            |
| 880-18043-19       | CS-19 (2')             | Soluble   | Solid  | DI Leach |            |
| 880-18043-20       | CS-20 (2')             | Soluble   | Solid  | DI Leach |            |
| 880-18043-21       | CS-21 (2')             | Soluble   | Solid  | DI Leach |            |
| 880-18043-22       | CS-22 (2')             | Soluble   | Solid  | DI Leach |            |
| 880-18043-23       | CS-23 (2')             | Soluble   | Solid  | DI Leach |            |
| 880-18043-24       | CS-24 (2')             | Soluble   | Solid  | DI Leach |            |
| 880-18043-25       | CS-25 (2')             | Soluble   | Solid  | DI Leach |            |
| 880-18043-26       | CS-26 (1')             | Soluble   | Solid  | DI Leach |            |
| 880-18043-27       | CS-27 (1')             | Soluble   | Solid  | DI Leach |            |
| 880-18043-28       | CS-28 (1')             | Soluble   | Solid  | DI Leach |            |
| 880-18043-29       | CS-29 (1')             | Soluble   | Solid  | DI Leach |            |
| 880-18043-30       | CS-30 (1')             | Soluble   | Solid  | DI Leach |            |
| 880-18043-31       | CS-31 (1')             | Soluble   | Solid  | DI Leach |            |
| 880-18043-32       | SW-1                   | Soluble   | Solid  | DI Leach |            |
| 880-18043-33       | SW-2                   | Soluble   | Solid  | DI Leach |            |
| MB 880-32167/1-A   | Method Blank           | Soluble   | Solid  | DI Leach |            |
| LCS 880-32167/2-A  | Lab Control Sample     | Soluble   | Solid  | DI Leach |            |
| LCSD 880-32167/3-A | Lab Control Sample Dup | Soluble   | Solid  | DI Leach |            |
| 880-18043-14 MS    | CS-14 (2')             | Soluble   | Solid  | DI Leach |            |
| 880-18043-14 MSD   | CS-14 (2')             | Soluble   | Solid  | DI Leach |            |
| 880-18043-24 MS    | CS-24 (2')             | Soluble   | Solid  | DI Leach |            |
| 880-18043-24 MSD   | CS-24 (2')             | Soluble   | Solid  | DI Leach |            |

## Leach Batch: 32168

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method   | Prep Batch |
|---------------|------------------|-----------|--------|----------|------------|
| 880-18043-34  | SW-3             | Soluble   | Solid  | DI Leach |            |
| 880-18043-35  | SW-4             | Soluble   | Solid  | DI Leach |            |
| 880-18043-36  | SW-5             | Soluble   | Solid  | DI Leach |            |
| 880-18043-37  | SW-6             | Soluble   | Solid  | DI Leach |            |

Eurofins Midland

## QC Association Summary

Client: NT Global  
Project/Site: South Vacuum 354

Job ID: 880-18043-1  
SDG: Lea Co., NM

## HPLC/IC (Continued)

## Leach Batch: 32168 (Continued)

| Lab Sample ID      | Client Sample ID       | Prep Type | Matrix | Method   | Prep Batch |
|--------------------|------------------------|-----------|--------|----------|------------|
| 880-18043-38       | SW-7                   | Soluble   | Solid  | DI Leach |            |
| 880-18043-39       | SW-8                   | Soluble   | Solid  | DI Leach |            |
| 880-18043-40       | SW-9                   | Soluble   | Solid  | DI Leach |            |
| 880-18043-41       | SW-10                  | Soluble   | Solid  | DI Leach |            |
| 880-18043-42       | SW-11                  | Soluble   | Solid  | DI Leach |            |
| MB 880-32168/1-A   | Method Blank           | Soluble   | Solid  | DI Leach |            |
| LCS 880-32168/2-A  | Lab Control Sample     | Soluble   | Solid  | DI Leach |            |
| LCSD 880-32168/3-A | Lab Control Sample Dup | Soluble   | Solid  | DI Leach |            |
| 880-18043-34 MS    | SW-3                   | Soluble   | Solid  | DI Leach |            |
| 880-18043-34 MSD   | SW-3                   | Soluble   | Solid  | DI Leach |            |

## Analysis Batch: 32247

| Lab Sample ID      | Client Sample ID       | Prep Type | Matrix | Method | Prep Batch |
|--------------------|------------------------|-----------|--------|--------|------------|
| 880-18043-1        | CS-1 (2')              | Soluble   | Solid  | 300.0  | 32161      |
| 880-18043-2        | CS-2 (2')              | Soluble   | Solid  | 300.0  | 32161      |
| 880-18043-3        | CS-3 (2')              | Soluble   | Solid  | 300.0  | 32161      |
| 880-18043-4        | CS-4 (2')              | Soluble   | Solid  | 300.0  | 32161      |
| 880-18043-5        | CS-5 (2')              | Soluble   | Solid  | 300.0  | 32161      |
| 880-18043-6        | CS-6 (2')              | Soluble   | Solid  | 300.0  | 32161      |
| 880-18043-7        | CS-7 (2')              | Soluble   | Solid  | 300.0  | 32161      |
| 880-18043-8        | CS-8 (2')              | Soluble   | Solid  | 300.0  | 32161      |
| 880-18043-9        | CS-9 (2')              | Soluble   | Solid  | 300.0  | 32161      |
| 880-18043-10       | CS-10 (2')             | Soluble   | Solid  | 300.0  | 32161      |
| 880-18043-11       | CS-11 (2')             | Soluble   | Solid  | 300.0  | 32161      |
| 880-18043-12       | CS-12 (2')             | Soluble   | Solid  | 300.0  | 32161      |
| 880-18043-13       | CS-13 (2')             | Soluble   | Solid  | 300.0  | 32161      |
| MB 880-32161/1-A   | Method Blank           | Soluble   | Solid  | 300.0  | 32161      |
| LCS 880-32161/2-A  | Lab Control Sample     | Soluble   | Solid  | 300.0  | 32161      |
| LCSD 880-32161/3-A | Lab Control Sample Dup | Soluble   | Solid  | 300.0  | 32161      |
| 880-18043-1 MS     | CS-1 (2')              | Soluble   | Solid  | 300.0  | 32161      |
| 880-18043-1 MSD    | CS-1 (2')              | Soluble   | Solid  | 300.0  | 32161      |
| 880-18043-11 MS    | CS-11 (2')             | Soluble   | Solid  | 300.0  | 32161      |
| 880-18043-11 MSD   | CS-11 (2')             | Soluble   | Solid  | 300.0  | 32161      |

## Analysis Batch: 32253

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---------------|------------------|-----------|--------|--------|------------|
| 880-18043-14  | CS-14 (2')       | Soluble   | Solid  | 300.0  | 32167      |
| 880-18043-15  | CS-15 (2')       | Soluble   | Solid  | 300.0  | 32167      |
| 880-18043-16  | CS-16 (2')       | Soluble   | Solid  | 300.0  | 32167      |
| 880-18043-17  | CS-17 (2')       | Soluble   | Solid  | 300.0  | 32167      |
| 880-18043-18  | CS-18 (2')       | Soluble   | Solid  | 300.0  | 32167      |
| 880-18043-19  | CS-19 (2')       | Soluble   | Solid  | 300.0  | 32167      |
| 880-18043-20  | CS-20 (2')       | Soluble   | Solid  | 300.0  | 32167      |
| 880-18043-21  | CS-21 (2')       | Soluble   | Solid  | 300.0  | 32167      |
| 880-18043-22  | CS-22 (2')       | Soluble   | Solid  | 300.0  | 32167      |
| 880-18043-23  | CS-23 (2')       | Soluble   | Solid  | 300.0  | 32167      |
| 880-18043-24  | CS-24 (2')       | Soluble   | Solid  | 300.0  | 32167      |
| 880-18043-25  | CS-25 (2')       | Soluble   | Solid  | 300.0  | 32167      |
| 880-18043-26  | CS-26 (1')       | Soluble   | Solid  | 300.0  | 32167      |
| 880-18043-27  | CS-27 (1')       | Soluble   | Solid  | 300.0  | 32167      |
| 880-18043-28  | CS-28 (1')       | Soluble   | Solid  | 300.0  | 32167      |

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## QC Association Summary

Client: NT Global  
Project/Site: South Vacuum 354

Job ID: 880-18043-1  
SDG: Lea Co., NM

## HPLC/IC (Continued)

## Analysis Batch: 32253 (Continued)

| Lab Sample ID      | Client Sample ID       | Prep Type | Matrix | Method | Prep Batch |
|--------------------|------------------------|-----------|--------|--------|------------|
| 880-18043-29       | CS-29 (1')             | Soluble   | Solid  | 300.0  | 32167      |
| 880-18043-30       | CS-30 (1')             | Soluble   | Solid  | 300.0  | 32167      |
| 880-18043-31       | CS-31 (1')             | Soluble   | Solid  | 300.0  | 32167      |
| 880-18043-32       | SW-1                   | Soluble   | Solid  | 300.0  | 32167      |
| 880-18043-33       | SW-2                   | Soluble   | Solid  | 300.0  | 32167      |
| MB 880-32167/1-A   | Method Blank           | Soluble   | Solid  | 300.0  | 32167      |
| LCS 880-32167/2-A  | Lab Control Sample     | Soluble   | Solid  | 300.0  | 32167      |
| LCSD 880-32167/3-A | Lab Control Sample Dup | Soluble   | Solid  | 300.0  | 32167      |
| 880-18043-14 MS    | CS-14 (2')             | Soluble   | Solid  | 300.0  | 32167      |
| 880-18043-14 MSD   | CS-14 (2')             | Soluble   | Solid  | 300.0  | 32167      |
| 880-18043-24 MS    | CS-24 (2')             | Soluble   | Solid  | 300.0  | 32167      |
| 880-18043-24 MSD   | CS-24 (2')             | Soluble   | Solid  | 300.0  | 32167      |

## Analysis Batch: 32254

| Lab Sample ID      | Client Sample ID       | Prep Type | Matrix | Method | Prep Batch |
|--------------------|------------------------|-----------|--------|--------|------------|
| 880-18043-34       | SW-3                   | Soluble   | Solid  | 300.0  | 32168      |
| 880-18043-35       | SW-4                   | Soluble   | Solid  | 300.0  | 32168      |
| 880-18043-36       | SW-5                   | Soluble   | Solid  | 300.0  | 32168      |
| 880-18043-37       | SW-6                   | Soluble   | Solid  | 300.0  | 32168      |
| 880-18043-38       | SW-7                   | Soluble   | Solid  | 300.0  | 32168      |
| 880-18043-39       | SW-8                   | Soluble   | Solid  | 300.0  | 32168      |
| 880-18043-40       | SW-9                   | Soluble   | Solid  | 300.0  | 32168      |
| 880-18043-41       | SW-10                  | Soluble   | Solid  | 300.0  | 32168      |
| 880-18043-42       | SW-11                  | Soluble   | Solid  | 300.0  | 32168      |
| MB 880-32168/1-A   | Method Blank           | Soluble   | Solid  | 300.0  | 32168      |
| LCS 880-32168/2-A  | Lab Control Sample     | Soluble   | Solid  | 300.0  | 32168      |
| LCSD 880-32168/3-A | Lab Control Sample Dup | Soluble   | Solid  | 300.0  | 32168      |
| 880-18043-34 MS    | SW-3                   | Soluble   | Solid  | 300.0  | 32168      |
| 880-18043-34 MSD   | SW-3                   | Soluble   | Solid  | 300.0  | 32168      |

## Lab Chronicle

Client: NT Global  
Project/Site: South Vaccum 354

Job ID: 880-18043-1  
SDG: Lea Co., NM

Client Sample ID: CS-1 (2')

Lab Sample ID: 880-18043-1

Date Collected: 08/12/22 00:00

Matrix: Solid

Date Received: 08/12/22 12:22

| 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         | 32282        | 08/16/22 20:36       | MR      | EET MID |
| Total/NA  | Analysis   | 8021B        |     | 1          | 5 mL           | 5 mL         | 32280        | 08/17/22 05:59       | AJ      | EET MID |
| Total/NA  | Analysis   | Total BTEX   |     | 1          |                |              | 32308        | 08/17/22 09:03       | AJ      | EET MID |
| Total/NA  | Analysis   | 8015 NM      |     | 1          |                |              | 32157        | 08/15/22 10:31       | SM      | EET MID |
| Total/NA  | Prep       | 8015NM Prep  |     |            | 10.02 g        | 10 mL        | 32105        | 08/12/22 14:29       | DM      | EET MID |
| Total/NA  | Analysis   | 8015B NM     |     | 1          |                |              | 32117        | 08/13/22 13:42       | SM      | EET MID |
| Soluble   | Leach      | DI Leach     |     |            | 4.98 g         | 50 mL        | 32161        | 08/15/22 11:27       | KS      | EET MID |
| Soluble   | Analysis   | 300.0        |     | 1          |                |              | 32247        | 08/17/22 19:37       | CH      | EET MID |

Client Sample ID: CS-2 (2')

Lab Sample ID: 880-18043-2

Date Collected: 08/12/22 00:00

Matrix: Solid

Date Received: 08/12/22 12:22

| 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         | 32282        | 08/16/22 20:36       | MR      | EET MID |
| Total/NA  | Analysis   | 8021B        |     | 1          | 5 mL           | 5 mL         | 32280        | 08/17/22 06:20       | AJ      | EET MID |
| Total/NA  | Analysis   | Total BTEX   |     | 1          |                |              | 32308        | 08/17/22 09:03       | AJ      | EET MID |
| Total/NA  | Analysis   | 8015 NM      |     | 1          |                |              | 32157        | 08/15/22 10:31       | SM      | EET MID |
| Total/NA  | Prep       | 8015NM Prep  |     |            | 10.03 g        | 10 mL        | 32105        | 08/12/22 14:29       | DM      | EET MID |
| Total/NA  | Analysis   | 8015B NM     |     | 1          |                |              | 32117        | 08/13/22 14:46       | SM      | EET MID |
| Soluble   | Leach      | DI Leach     |     |            | 5.01 g         | 50 mL        | 32161        | 08/15/22 11:27       | KS      | EET MID |
| Soluble   | Analysis   | 300.0        |     | 1          |                |              | 32247        | 08/17/22 20:00       | CH      | EET MID |

Client Sample ID: CS-3 (2')

Lab Sample ID: 880-18043-3

Date Collected: 08/12/22 00:00

Matrix: Solid

Date Received: 08/12/22 12:22

| 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         | 32282        | 08/16/22 20:36       | MR      | EET MID |
| Total/NA  | Analysis   | 8021B        |     | 1          | 5 mL           | 5 mL         | 32280        | 08/17/22 06:40       | AJ      | EET MID |
| Total/NA  | Analysis   | Total BTEX   |     | 1          |                |              | 32308        | 08/17/22 09:03       | AJ      | EET MID |
| Total/NA  | Analysis   | 8015 NM      |     | 1          |                |              | 32157        | 08/15/22 10:31       | SM      | EET MID |
| Total/NA  | Prep       | 8015NM Prep  |     |            | 10.01 g        | 10 mL        | 32105        | 08/12/22 14:29       | DM      | EET MID |
| Total/NA  | Analysis   | 8015B NM     |     | 1          |                |              | 32117        | 08/13/22 15:08       | SM      | EET MID |
| Soluble   | Leach      | DI Leach     |     |            | 5.01 g         | 50 mL        | 32161        | 08/15/22 11:27       | KS      | EET MID |
| Soluble   | Analysis   | 300.0        |     | 1          |                |              | 32247        | 08/17/22 20:08       | CH      | EET MID |

Client Sample ID: CS-4 (2')

Lab Sample ID: 880-18043-4

Date Collected: 08/12/22 00:00

Matrix: Solid

Date Received: 08/12/22 12:22

| 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         | 32284        | 08/16/22 20:52       | MR      | EET MID |
| Total/NA  | Analysis   | 8021B        |     | 1          | 5 mL           | 5 mL         | 32280        | 08/17/22 21:51       | AJ      | EET MID |
| Total/NA  | Analysis   | Total BTEX   |     | 1          |                |              | 32308        | 08/17/22 09:03       | AJ      | EET MID |

Eurofins Midland

## Lab Chronicle

Client: NT Global  
Project/Site: South Vaccum 354

Job ID: 880-18043-1  
SDG: Lea Co., NM

Client Sample ID: CS-4 (2')

Lab Sample ID: 880-18043-4

Date Collected: 08/12/22 00:00

Matrix: Solid

Date Received: 08/12/22 12:22

| 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          |                |              | 32157        | 08/15/22 10:31       | SM      | EET MID |
| Total/NA  | Prep       | 8015NM Prep  |     |            | 10.04 g        | 10 mL        | 32105        | 08/12/22 14:29       | DM      | EET MID |
| Total/NA  | Analysis   | 8015B NM     |     | 1          |                |              | 32117        | 08/13/22 15:29       | SM      | EET MID |
| Soluble   | Leach      | DI Leach     |     |            | 5.00 g         | 50 mL        | 32161        | 08/15/22 11:27       | KS      | EET MID |
| Soluble   | Analysis   | 300.0        |     | 1          |                |              | 32247        | 08/17/22 20:16       | CH      | EET MID |

Client Sample ID: CS-5 (2')

Lab Sample ID: 880-18043-5

Date Collected: 08/12/22 00:00

Matrix: Solid

Date Received: 08/12/22 12:22

| 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         | 32283        | 08/16/22 20:48       | MR      | EET MID |
| Total/NA  | Analysis   | 8021B        |     | 1          | 5 mL           | 5 mL         | 32281        | 08/17/22 11:42       | MR      | EET MID |
| Total/NA  | Analysis   | Total BTEX   |     | 1          |                |              | 32308        | 08/17/22 09:03       | AJ      | EET MID |
| Total/NA  | Analysis   | 8015 NM      |     | 1          |                |              | 32157        | 08/15/22 10:31       | SM      | EET MID |
| Total/NA  | Prep       | 8015NM Prep  |     |            | 10.00 g        | 10 mL        | 32105        | 08/12/22 14:29       | DM      | EET MID |
| Total/NA  | Analysis   | 8015B NM     |     | 1          |                |              | 32117        | 08/13/22 15:50       | SM      | EET MID |
| Soluble   | Leach      | DI Leach     |     |            | 4.99 g         | 50 mL        | 32161        | 08/15/22 11:27       | KS      | EET MID |
| Soluble   | Analysis   | 300.0        |     | 1          |                |              | 32247        | 08/17/22 20:24       | CH      | EET MID |

Client Sample ID: CS-6 (2')

Lab Sample ID: 880-18043-6

Date Collected: 08/12/22 00:00

Matrix: Solid

Date Received: 08/12/22 12:22

| 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         | 32283        | 08/16/22 20:48       | MR      | EET MID |
| Total/NA  | Analysis   | 8021B        |     | 1          | 5 mL           | 5 mL         | 32281        | 08/17/22 12:02       | MR      | EET MID |
| Total/NA  | Analysis   | Total BTEX   |     | 1          |                |              | 32308        | 08/17/22 09:03       | AJ      | EET MID |
| Total/NA  | Analysis   | 8015 NM      |     | 1          |                |              | 32157        | 08/15/22 10:31       | SM      | EET MID |
| Total/NA  | Prep       | 8015NM Prep  |     |            | 10.01 g        | 10 mL        | 32105        | 08/12/22 14:29       | DM      | EET MID |
| Total/NA  | Analysis   | 8015B NM     |     | 1          |                |              | 32117        | 08/13/22 16:12       | SM      | EET MID |
| Soluble   | Leach      | DI Leach     |     |            | 4.98 g         | 50 mL        | 32161        | 08/15/22 11:27       | KS      | EET MID |
| Soluble   | Analysis   | 300.0        |     | 1          |                |              | 32247        | 08/17/22 20:47       | CH      | EET MID |

Client Sample ID: CS-7 (2')

Lab Sample ID: 880-18043-7

Date Collected: 08/12/22 00:00

Matrix: Solid

Date Received: 08/12/22 12:22

| 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         | 32283        | 08/16/22 20:48       | MR      | EET MID |
| Total/NA  | Analysis   | 8021B        |     | 1          | 5 mL           | 5 mL         | 32281        | 08/17/22 12:23       | MR      | EET MID |
| Total/NA  | Analysis   | Total BTEX   |     | 1          |                |              | 32308        | 08/17/22 09:03       | AJ      | EET MID |
| Total/NA  | Analysis   | 8015 NM      |     | 1          |                |              | 32157        | 08/15/22 10:31       | SM      | EET MID |
| Total/NA  | Prep       | 8015NM Prep  |     |            | 10.01 g        | 10 mL        | 32105        | 08/12/22 14:29       | DM      | EET MID |
| Total/NA  | Analysis   | 8015B NM     |     | 1          |                |              | 32117        | 08/13/22 16:33       | SM      | EET MID |

Eurofins Midland

## Lab Chronicle

Client: NT Global  
Project/Site: South Vaccum 354

Job ID: 880-18043-1  
SDG: Lea Co., NM

Client Sample ID: CS-7 (2')

Lab Sample ID: 880-18043-7

Date Collected: 08/12/22 00:00

Matrix: Solid

Date Received: 08/12/22 12:22

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab     |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Soluble   | Leach      | DI Leach     |     |            | 5.02 g         | 50 mL        | 32161        | 08/15/22 11:27       | KS      | EET MID |
| Soluble   | Analysis   | 300.0        |     | 1          |                |              | 32247        | 08/17/22 20:55       | CH      | EET MID |

Client Sample ID: CS-8 (2')

Lab Sample ID: 880-18043-8

Date Collected: 08/12/22 00:00

Matrix: Solid

Date Received: 08/12/22 12:22

| 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         | 32283        | 08/16/22 20:48       | MR      | EET MID |
| Total/NA  | Analysis   | 8021B        |     | 1          | 5 mL           | 5 mL         | 32281        | 08/17/22 12:43       | MR      | EET MID |
| Total/NA  | Analysis   | Total BTEX   |     | 1          |                |              | 32308        | 08/17/22 09:03       | AJ      | EET MID |
| Total/NA  | Analysis   | 8015 NM      |     | 1          |                |              | 32157        | 08/15/22 10:31       | SM      | EET MID |
| Total/NA  | Prep       | 8015NM Prep  |     |            | 10.01 g        | 10 mL        | 32105        | 08/12/22 14:29       | DM      | EET MID |
| Total/NA  | Analysis   | 8015B NM     |     | 1          |                |              | 32117        | 08/13/22 16:55       | SM      | EET MID |
| Soluble   | Leach      | DI Leach     |     |            | 5.01 g         | 50 mL        | 32161        | 08/15/22 11:27       | KS      | EET MID |
| Soluble   | Analysis   | 300.0        |     | 1          |                |              | 32247        | 08/17/22 21:03       | CH      | EET MID |

Client Sample ID: CS-9 (2')

Lab Sample ID: 880-18043-9

Date Collected: 08/12/22 00:00

Matrix: Solid

Date Received: 08/12/22 12:22

| 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         | 32283        | 08/16/22 20:48       | MR      | EET MID |
| Total/NA  | Analysis   | 8021B        |     | 1          | 5 mL           | 5 mL         | 32281        | 08/17/22 13:04       | MR      | EET MID |
| Total/NA  | Analysis   | Total BTEX   |     | 1          |                |              | 32308        | 08/17/22 09:03       | AJ      | EET MID |
| Total/NA  | Analysis   | 8015 NM      |     | 1          |                |              | 32157        | 08/15/22 10:31       | SM      | EET MID |
| Total/NA  | Prep       | 8015NM Prep  |     |            | 10.02 g        | 10 mL        | 32105        | 08/12/22 14:29       | DM      | EET MID |
| Total/NA  | Analysis   | 8015B NM     |     | 1          |                |              | 32117        | 08/13/22 17:16       | SM      | EET MID |
| Soluble   | Leach      | DI Leach     |     |            | 5.00 g         | 50 mL        | 32161        | 08/15/22 11:27       | KS      | EET MID |
| Soluble   | Analysis   | 300.0        |     | 1          |                |              | 32247        | 08/17/22 21:11       | CH      | EET MID |

Client Sample ID: CS-10 (2')

Lab Sample ID: 880-18043-10

Date Collected: 08/12/22 00:00

Matrix: Solid

Date Received: 08/12/22 12:22

| 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         | 32283        | 08/16/22 20:48       | MR      | EET MID |
| Total/NA  | Analysis   | 8021B        |     | 1          | 5 mL           | 5 mL         | 32281        | 08/17/22 13:24       | MR      | EET MID |
| Total/NA  | Analysis   | Total BTEX   |     | 1          |                |              | 32308        | 08/17/22 09:03       | AJ      | EET MID |
| Total/NA  | Analysis   | 8015 NM      |     | 1          |                |              | 32157        | 08/15/22 10:31       | SM      | EET MID |
| Total/NA  | Prep       | 8015NM Prep  |     |            | 10.04 g        | 10 mL        | 32105        | 08/12/22 14:29       | DM      | EET MID |
| Total/NA  | Analysis   | 8015B NM     |     | 1          |                |              | 32117        | 08/13/22 17:38       | SM      | EET MID |
| Soluble   | Leach      | DI Leach     |     |            | 4.99 g         | 50 mL        | 32161        | 08/15/22 11:27       | KS      | EET MID |
| Soluble   | Analysis   | 300.0        |     | 1          |                |              | 32247        | 08/17/22 21:19       | CH      | EET MID |

Eurofins Midland

## Lab Chronicle

Client: NT Global  
Project/Site: South Vaccum 354

Job ID: 880-18043-1  
SDG: Lea Co., NM

Client Sample ID: CS-11 (2')

Lab Sample ID: 880-18043-11

Date Collected: 08/12/22 00:00

Matrix: Solid

Date Received: 08/12/22 12:22

| 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         | 32283        | 08/16/22 20:48       | MR      | EET MID |
| Total/NA  | Analysis   | 8021B        |     | 1          | 5 mL           | 5 mL         | 32281        | 08/17/22 13:45       | MR      | EET MID |
| Total/NA  | Analysis   | Total BTEX   |     | 1          |                |              | 32308        | 08/17/22 09:03       | AJ      | EET MID |
| Total/NA  | Analysis   | 8015 NM      |     | 1          |                |              | 32157        | 08/15/22 10:31       | SM      | EET MID |
| Total/NA  | Prep       | 8015NM Prep  |     |            | 10.03 g        | 10 mL        | 32105        | 08/12/22 14:29       | DM      | EET MID |
| Total/NA  | Analysis   | 8015B NM     |     | 1          |                |              | 32117        | 08/13/22 18:21       | SM      | EET MID |
| Soluble   | Leach      | DI Leach     |     |            | 5.01 g         | 50 mL        | 32161        | 08/15/22 11:27       | KS      | EET MID |
| Soluble   | Analysis   | 300.0        |     | 1          |                |              | 32247        | 08/17/22 21:27       | CH      | EET MID |

Client Sample ID: CS-12 (2')

Lab Sample ID: 880-18043-12

Date Collected: 08/12/22 00:00

Matrix: Solid

Date Received: 08/12/22 12:22

| 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         | 32283        | 08/16/22 20:48       | MR      | EET MID |
| Total/NA  | Analysis   | 8021B        |     | 1          | 5 mL           | 5 mL         | 32281        | 08/17/22 14:05       | MR      | EET MID |
| Total/NA  | Analysis   | Total BTEX   |     | 1          |                |              | 32308        | 08/17/22 09:03       | AJ      | EET MID |
| Total/NA  | Analysis   | 8015 NM      |     | 1          |                |              | 32157        | 08/15/22 10:31       | SM      | EET MID |
| Total/NA  | Prep       | 8015NM Prep  |     |            | 10.00 g        | 10 mL        | 32105        | 08/12/22 14:29       | DM      | EET MID |
| Total/NA  | Analysis   | 8015B NM     |     | 1          |                |              | 32117        | 08/13/22 18:42       | SM      | EET MID |
| Soluble   | Leach      | DI Leach     |     |            | 5.02 g         | 50 mL        | 32161        | 08/15/22 11:27       | KS      | EET MID |
| Soluble   | Analysis   | 300.0        |     | 1          |                |              | 32247        | 08/17/22 21:50       | CH      | EET MID |

Client Sample ID: CS-13 (2')

Lab Sample ID: 880-18043-13

Date Collected: 08/12/22 00:00

Matrix: Solid

Date Received: 08/12/22 12:22

| 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         | 32283        | 08/16/22 20:48       | MR      | EET MID |
| Total/NA  | Analysis   | 8021B        |     | 1          | 5 mL           | 5 mL         | 32281        | 08/17/22 14:26       | MR      | EET MID |
| Total/NA  | Analysis   | Total BTEX   |     | 1          |                |              | 32308        | 08/17/22 09:03       | AJ      | EET MID |
| Total/NA  | Analysis   | 8015 NM      |     | 1          |                |              | 32157        | 08/15/22 10:31       | SM      | EET MID |
| Total/NA  | Prep       | 8015NM Prep  |     |            | 10.01 g        | 10 mL        | 32105        | 08/12/22 14:29       | DM      | EET MID |
| Total/NA  | Analysis   | 8015B NM     |     | 1          |                |              | 32117        | 08/13/22 19:04       | SM      | EET MID |
| Soluble   | Leach      | DI Leach     |     |            | 4.96 g         | 50 mL        | 32161        | 08/15/22 11:27       | KS      | EET MID |
| Soluble   | Analysis   | 300.0        |     | 1          |                |              | 32247        | 08/17/22 21:58       | CH      | EET MID |

Client Sample ID: CS-14 (2')

Lab Sample ID: 880-18043-14

Date Collected: 08/12/22 00:00

Matrix: Solid

Date Received: 08/12/22 12:22

| 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         | 32283        | 08/16/22 20:48       | MR      | EET MID |
| Total/NA  | Analysis   | 8021B        |     | 1          | 5 mL           | 5 mL         | 32281        | 08/17/22 14:46       | MR      | EET MID |
| Total/NA  | Analysis   | Total BTEX   |     | 1          |                |              | 32308        | 08/17/22 09:03       | AJ      | EET MID |

Eurofins Midland

## Lab Chronicle

Client: NT Global  
Project/Site: South Vaccum 354

Job ID: 880-18043-1  
SDG: Lea Co., NM

Client Sample ID: CS-14 (2')

Lab Sample ID: 880-18043-14

Date Collected: 08/12/22 00:00

Matrix: Solid

Date Received: 08/12/22 12:22

| 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          |                |              | 32157        | 08/15/22 10:31       | SM      | EET MID |
| Total/NA  | Prep       | 8015NM Prep  |     |            | 10.00 g        | 10 mL        | 32105        | 08/12/22 14:29       | DM      | EET MID |
| Total/NA  | Analysis   | 8015B NM     |     | 1          |                |              | 32117        | 08/13/22 19:25       | SM      | EET MID |
| Soluble   | Leach      | DI Leach     |     |            | 5.02 g         | 50 mL        | 32167        | 08/15/22 11:34       | KS      | EET MID |
| Soluble   | Analysis   | 300.0        |     | 1          |                |              | 32253        | 08/17/22 09:44       | CH      | EET MID |

Client Sample ID: CS-15 (2')

Lab Sample ID: 880-18043-15

Date Collected: 08/12/22 00:00

Matrix: Solid

Date Received: 08/12/22 12:22

| 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         | 32283        | 08/16/22 20:48       | MR      | EET MID |
| Total/NA  | Analysis   | 8021B        |     | 1          | 5 mL           | 5 mL         | 32281        | 08/17/22 16:37       | MR      | EET MID |
| Total/NA  | Analysis   | Total BTEX   |     | 1          |                |              | 32308        | 08/17/22 09:03       | AJ      | EET MID |
| Total/NA  | Analysis   | 8015 NM      |     | 1          |                |              | 32157        | 08/15/22 10:31       | SM      | EET MID |
| Total/NA  | Prep       | 8015NM Prep  |     |            | 10.03 g        | 10 mL        | 32105        | 08/12/22 14:29       | DM      | EET MID |
| Total/NA  | Analysis   | 8015B NM     |     | 1          |                |              | 32117        | 08/13/22 19:47       | SM      | EET MID |
| Soluble   | Leach      | DI Leach     |     |            | 4.96 g         | 50 mL        | 32167        | 08/15/22 11:34       | KS      | EET MID |
| Soluble   | Analysis   | 300.0        |     | 1          |                |              | 32253        | 08/17/22 10:12       | CH      | EET MID |

Client Sample ID: CS-16 (2')

Lab Sample ID: 880-18043-16

Date Collected: 08/12/22 00:00

Matrix: Solid

Date Received: 08/12/22 12:22

| 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         | 32283        | 08/16/22 20:48       | MR      | EET MID |
| Total/NA  | Analysis   | 8021B        |     | 1          | 5 mL           | 5 mL         | 32281        | 08/17/22 16:58       | MR      | EET MID |
| Total/NA  | Analysis   | Total BTEX   |     | 1          |                |              | 32308        | 08/17/22 09:03       | AJ      | EET MID |
| Total/NA  | Analysis   | 8015 NM      |     | 1          |                |              | 32157        | 08/15/22 10:31       | SM      | EET MID |
| Total/NA  | Prep       | 8015NM Prep  |     |            | 10.02 g        | 10 mL        | 32105        | 08/12/22 14:29       | DM      | EET MID |
| Total/NA  | Analysis   | 8015B NM     |     | 1          |                |              | 32117        | 08/13/22 20:08       | SM      | EET MID |
| Soluble   | Leach      | DI Leach     |     |            | 4.98 g         | 50 mL        | 32167        | 08/15/22 11:34       | KS      | EET MID |
| Soluble   | Analysis   | 300.0        |     | 1          |                |              | 32253        | 08/17/22 10:21       | CH      | EET MID |

Client Sample ID: CS-17 (2')

Lab Sample ID: 880-18043-17

Date Collected: 08/12/22 00:00

Matrix: Solid

Date Received: 08/12/22 12:22

| 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         | 32283        | 08/16/22 20:48       | MR      | EET MID |
| Total/NA  | Analysis   | 8021B        |     | 1          | 5 mL           | 5 mL         | 32281        | 08/17/22 17:18       | MR      | EET MID |
| Total/NA  | Analysis   | Total BTEX   |     | 1          |                |              | 32308        | 08/17/22 09:03       | AJ      | EET MID |
| Total/NA  | Analysis   | 8015 NM      |     | 1          |                |              | 32157        | 08/15/22 10:31       | SM      | EET MID |
| Total/NA  | Prep       | 8015NM Prep  |     |            | 10.03 g        | 10 mL        | 32105        | 08/12/22 14:29       | DM      | EET MID |
| Total/NA  | Analysis   | 8015B NM     |     | 1          |                |              | 32117        | 08/13/22 20:30       | SM      | EET MID |

Eurofins Midland

## Lab Chronicle

Client: NT Global  
Project/Site: South Vaccum 354

Job ID: 880-18043-1  
SDG: Lea Co., NM

Client Sample ID: CS-17 (2')

Lab Sample ID: 880-18043-17

Date Collected: 08/12/22 00:00

Matrix: Solid

Date Received: 08/12/22 12:22

| 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        | 32167        | 08/15/22 11:34       | KS      | EET MID |
| Soluble   | Analysis   | 300.0        |     | 1          |                |              | 32253        | 08/17/22 10:30       | CH      | EET MID |

Client Sample ID: CS-18 (2')

Lab Sample ID: 880-18043-18

Date Collected: 08/12/22 00:00

Matrix: Solid

Date Received: 08/12/22 12:22

| 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         | 32283        | 08/16/22 20:48       | MR      | EET MID |
| Total/NA  | Analysis   | 8021B        |     | 1          | 5 mL           | 5 mL         | 32281        | 08/17/22 17:38       | MR      | EET MID |
| Total/NA  | Analysis   | Total BTEX   |     | 1          |                |              | 32308        | 08/17/22 09:03       | AJ      | EET MID |
| Total/NA  | Analysis   | 8015 NM      |     | 1          |                |              | 32157        | 08/15/22 10:31       | SM      | EET MID |
| Total/NA  | Prep       | 8015NM Prep  |     |            | 10.01 g        | 10 mL        | 32105        | 08/12/22 14:29       | DM      | EET MID |
| Total/NA  | Analysis   | 8015B NM     |     | 1          |                |              | 32117        | 08/13/22 20:51       | SM      | EET MID |
| Soluble   | Leach      | DI Leach     |     |            | 5.01 g         | 50 mL        | 32167        | 08/15/22 11:34       | KS      | EET MID |
| Soluble   | Analysis   | 300.0        |     | 1          |                |              | 32253        | 08/17/22 10:40       | CH      | EET MID |

Client Sample ID: CS-19 (2')

Lab Sample ID: 880-18043-19

Date Collected: 08/12/22 00:00

Matrix: Solid

Date Received: 08/12/22 12:22

| 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         | 32283        | 08/16/22 20:48       | MR      | EET MID |
| Total/NA  | Analysis   | 8021B        |     | 1          | 5 mL           | 5 mL         | 32281        | 08/17/22 17:59       | MR      | EET MID |
| Total/NA  | Analysis   | Total BTEX   |     | 1          |                |              | 32308        | 08/17/22 09:03       | AJ      | EET MID |
| Total/NA  | Analysis   | 8015 NM      |     | 1          |                |              | 32157        | 08/15/22 10:31       | SM      | EET MID |
| Total/NA  | Prep       | 8015NM Prep  |     |            | 10.02 g        | 10 mL        | 32105        | 08/12/22 14:29       | DM      | EET MID |
| Total/NA  | Analysis   | 8015B NM     |     | 1          |                |              | 32117        | 08/13/22 21:12       | SM      | EET MID |
| Soluble   | Leach      | DI Leach     |     |            | 5.02 g         | 50 mL        | 32167        | 08/15/22 11:34       | KS      | EET MID |
| Soluble   | Analysis   | 300.0        |     | 1          |                |              | 32253        | 08/17/22 11:07       | CH      | EET MID |

Client Sample ID: CS-20 (2')

Lab Sample ID: 880-18043-20

Date Collected: 08/12/22 00:00

Matrix: Solid

Date Received: 08/12/22 12:22

| 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         | 32283        | 08/16/22 20:48       | MR      | EET MID |
| Total/NA  | Analysis   | 8021B        |     | 1          | 5 mL           | 5 mL         | 32281        | 08/17/22 18:19       | MR      | EET MID |
| Total/NA  | Analysis   | Total BTEX   |     | 1          |                |              | 32308        | 08/17/22 09:03       | AJ      | EET MID |
| Total/NA  | Analysis   | 8015 NM      |     | 1          |                |              | 32157        | 08/15/22 10:31       | SM      | EET MID |
| Total/NA  | Prep       | 8015NM Prep  |     |            | 10.04 g        | 10 mL        | 32105        | 08/12/22 14:29       | DM      | EET MID |
| Total/NA  | Analysis   | 8015B NM     |     | 1          |                |              | 32117        | 08/13/22 21:34       | SM      | EET MID |
| Soluble   | Leach      | DI Leach     |     |            | 5.01 g         | 50 mL        | 32167        | 08/15/22 11:34       | KS      | EET MID |
| Soluble   | Analysis   | 300.0        |     | 1          |                |              | 32253        | 08/17/22 11:16       | CH      | EET MID |

Eurofins Midland

## Lab Chronicle

Client: NT Global  
Project/Site: South Vaccum 354

Job ID: 880-18043-1  
SDG: Lea Co., NM

Client Sample ID: CS-21 (2')

Lab Sample ID: 880-18043-21

Date Collected: 08/12/22 00:00

Matrix: Solid

Date Received: 08/12/22 12:22

| 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         | 32283        | 08/16/22 20:48       | MR      | EET MID |
| Total/NA  | Analysis   | 8021B        |     | 1          | 5 mL           | 5 mL         | 32281        | 08/17/22 18:40       | MR      | EET MID |
| Total/NA  | Analysis   | Total BTEX   |     | 1          |                |              | 32308        | 08/17/22 09:03       | AJ      | EET MID |
| Total/NA  | Analysis   | 8015 NM      |     | 1          |                |              | 32157        | 08/15/22 10:31       | SM      | EET MID |
| Total/NA  | Prep       | 8015NM Prep  |     |            | 10.02 g        | 10 mL        | 32108        | 08/12/22 15:05       | DM      | EET MID |
| Total/NA  | Analysis   | 8015B NM     |     | 1          |                |              | 32119        | 08/13/22 13:42       | SM      | EET MID |
| Soluble   | Leach      | DI Leach     |     |            | 5.00 g         | 50 mL        | 32167        | 08/15/22 11:34       | KS      | EET MID |
| Soluble   | Analysis   | 300.0        |     | 1          |                |              | 32253        | 08/17/22 11:26       | CH      | EET MID |

Client Sample ID: CS-22 (2')

Lab Sample ID: 880-18043-22

Date Collected: 08/12/22 00:00

Matrix: Solid

Date Received: 08/12/22 12:22

| 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         | 32283        | 08/16/22 20:48       | MR      | EET MID |
| Total/NA  | Analysis   | 8021B        |     | 1          | 5 mL           | 5 mL         | 32281        | 08/17/22 19:00       | MR      | EET MID |
| Total/NA  | Analysis   | Total BTEX   |     | 1          |                |              | 32308        | 08/17/22 09:03       | AJ      | EET MID |
| Total/NA  | Analysis   | 8015 NM      |     | 1          |                |              | 32157        | 08/15/22 10:31       | SM      | EET MID |
| Total/NA  | Prep       | 8015NM Prep  |     |            | 10.03 g        | 10 mL        | 32108        | 08/12/22 15:05       | DM      | EET MID |
| Total/NA  | Analysis   | 8015B NM     |     | 1          |                |              | 32119        | 08/13/22 14:46       | SM      | EET MID |
| Soluble   | Leach      | DI Leach     |     |            | 5.00 g         | 50 mL        | 32167        | 08/15/22 11:34       | KS      | EET MID |
| Soluble   | Analysis   | 300.0        |     | 1          |                |              | 32253        | 08/17/22 11:35       | CH      | EET MID |

Client Sample ID: CS-23 (2')

Lab Sample ID: 880-18043-23

Date Collected: 08/12/22 00:00

Matrix: Solid

Date Received: 08/12/22 12:22

| 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         | 32283        | 08/16/22 20:48       | MR      | EET MID |
| Total/NA  | Analysis   | 8021B        |     | 1          | 5 mL           | 5 mL         | 32281        | 08/17/22 19:21       | MR      | EET MID |
| Total/NA  | Analysis   | Total BTEX   |     | 1          |                |              | 32308        | 08/17/22 09:03       | AJ      | EET MID |
| Total/NA  | Analysis   | 8015 NM      |     | 1          |                |              | 32157        | 08/15/22 10:31       | SM      | EET MID |
| Total/NA  | Prep       | 8015NM Prep  |     |            | 10.01 g        | 10 mL        | 32108        | 08/12/22 15:05       | DM      | EET MID |
| Total/NA  | Analysis   | 8015B NM     |     | 1          |                |              | 32119        | 08/13/22 15:08       | SM      | EET MID |
| Soluble   | Leach      | DI Leach     |     |            | 4.98 g         | 50 mL        | 32167        | 08/15/22 11:34       | KS      | EET MID |
| Soluble   | Analysis   | 300.0        |     | 1          |                |              | 32253        | 08/17/22 11:44       | CH      | EET MID |

Client Sample ID: CS-24 (2')

Lab Sample ID: 880-18043-24

Date Collected: 08/12/22 00:00

Matrix: Solid

Date Received: 08/12/22 12:22

| 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         | 32283        | 08/16/22 20:48       | MR      | EET MID |
| Total/NA  | Analysis   | 8021B        |     | 1          | 5 mL           | 5 mL         | 32281        | 08/17/22 19:41       | MR      | EET MID |
| Total/NA  | Analysis   | Total BTEX   |     | 1          |                |              | 32308        | 08/17/22 09:03       | AJ      | EET MID |

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## Lab Chronicle

Client: NT Global  
Project/Site: South Vaccum 354

Job ID: 880-18043-1  
SDG: Lea Co., NM

Client Sample ID: CS-24 (2')

Lab Sample ID: 880-18043-24

Date Collected: 08/12/22 00:00

Matrix: Solid

Date Received: 08/12/22 12:22

| 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          |                |              | 32157        | 08/15/22 10:31       | SM      | EET MID |
| Total/NA  | Prep       | 8015NM Prep  |     |            | 10.04 g        | 10 mL        | 32108        | 08/12/22 15:05       | DM      | EET MID |
| Total/NA  | Analysis   | 8015B NM     |     | 1          |                |              | 32119        | 08/13/22 15:29       | SM      | EET MID |
| Soluble   | Leach      | DI Leach     |     |            | 5 g            | 50 mL        | 32167        | 08/15/22 11:34       | KS      | EET MID |
| Soluble   | Analysis   | 300.0        |     | 1          |                |              | 32253        | 08/17/22 11:53       | CH      | EET MID |

Client Sample ID: CS-25 (2')

Lab Sample ID: 880-18043-25

Date Collected: 08/12/22 00:00

Matrix: Solid

Date Received: 08/12/22 12:22

| 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         | 32284        | 08/16/22 20:52       | MR      | EET MID |
| Total/NA  | Analysis   | 8021B        |     | 1          | 5 mL           | 5 mL         | 32280        | 08/17/22 09:46       | AJ      | EET MID |
| Total/NA  | Analysis   | Total BTEX   |     | 1          |                |              | 32308        | 08/17/22 09:03       | AJ      | EET MID |
| Total/NA  | Analysis   | 8015 NM      |     | 1          |                |              | 32157        | 08/15/22 10:31       | SM      | EET MID |
| Total/NA  | Prep       | 8015NM Prep  |     |            | 10.00 g        | 10 mL        | 32108        | 08/12/22 15:05       | DM      | EET MID |
| Total/NA  | Analysis   | 8015B NM     |     | 1          |                |              | 32119        | 08/13/22 15:50       | SM      | EET MID |
| Soluble   | Leach      | DI Leach     |     |            | 5.02 g         | 50 mL        | 32167        | 08/15/22 11:34       | KS      | EET MID |
| Soluble   | Analysis   | 300.0        |     | 1          |                |              | 32253        | 08/17/22 12:21       | CH      | EET MID |

Client Sample ID: CS-26 (1')

Lab Sample ID: 880-18043-26

Date Collected: 08/12/22 00:00

Matrix: Solid

Date Received: 08/12/22 12:22

| 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         | 32284        | 08/16/22 20:52       | MR      | EET MID |
| Total/NA  | Analysis   | 8021B        |     | 1          | 5 mL           | 5 mL         | 32280        | 08/17/22 10:07       | AJ      | EET MID |
| Total/NA  | Analysis   | Total BTEX   |     | 1          |                |              | 32308        | 08/17/22 09:03       | AJ      | EET MID |
| Total/NA  | Analysis   | 8015 NM      |     | 1          |                |              | 32157        | 08/15/22 10:31       | SM      | EET MID |
| Total/NA  | Prep       | 8015NM Prep  |     |            | 10.01 g        | 10 mL        | 32108        | 08/12/22 15:05       | DM      | EET MID |
| Total/NA  | Analysis   | 8015B NM     |     | 1          |                |              | 32119        | 08/13/22 16:12       | SM      | EET MID |
| Soluble   | Leach      | DI Leach     |     |            | 5.01 g         | 50 mL        | 32167        | 08/15/22 11:34       | KS      | EET MID |
| Soluble   | Analysis   | 300.0        |     | 1          |                |              | 32253        | 08/17/22 12:30       | CH      | EET MID |

Client Sample ID: CS-27 (1')

Lab Sample ID: 880-18043-27

Date Collected: 08/12/22 00:00

Matrix: Solid

Date Received: 08/12/22 12:22

| 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         | 32284        | 08/16/22 20:52       | MR      | EET MID |
| Total/NA  | Analysis   | 8021B        |     | 1          | 5 mL           | 5 mL         | 32280        | 08/17/22 10:27       | AJ      | EET MID |
| Total/NA  | Analysis   | Total BTEX   |     | 1          |                |              | 32308        | 08/17/22 09:03       | AJ      | EET MID |
| Total/NA  | Analysis   | 8015 NM      |     | 1          |                |              | 32157        | 08/15/22 10:31       | SM      | EET MID |
| Total/NA  | Prep       | 8015NM Prep  |     |            | 10.01 g        | 10 mL        | 32108        | 08/12/22 15:05       | DM      | EET MID |
| Total/NA  | Analysis   | 8015B NM     |     | 1          |                |              | 32119        | 08/13/22 16:33       | SM      | EET MID |

Eurofins Midland

## Lab Chronicle

Client: NT Global  
Project/Site: South Vaccum 354

Job ID: 880-18043-1  
SDG: Lea Co., NM

Client Sample ID: CS-27 (1')

Lab Sample ID: 880-18043-27

Date Collected: 08/12/22 00:00

Matrix: Solid

Date Received: 08/12/22 12:22

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab     |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Soluble   | Leach      | DI Leach     |     |            | 5.00 g         | 50 mL        | 32167        | 08/15/22 11:34       | KS      | EET MID |
| Soluble   | Analysis   | 300.0        |     | 1          |                |              | 32253        | 08/17/22 12:58       | CH      | EET MID |

Client Sample ID: CS-28 (1')

Lab Sample ID: 880-18043-28

Date Collected: 08/12/22 00:00

Matrix: Solid

Date Received: 08/12/22 12:22

| 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         | 32284        | 08/16/22 20:52       | MR      | EET MID |
| Total/NA  | Analysis   | 8021B        |     | 1          | 5 mL           | 5 mL         | 32280        | 08/17/22 10:48       | AJ      | EET MID |
| Total/NA  | Analysis   | Total BTEX   |     | 1          |                |              | 32308        | 08/17/22 09:03       | AJ      | EET MID |
| Total/NA  | Analysis   | 8015 NM      |     | 1          |                |              | 32157        | 08/15/22 10:31       | SM      | EET MID |
| Total/NA  | Prep       | 8015NM Prep  |     |            | 10.01 g        | 10 mL        | 32108        | 08/12/22 15:05       | DM      | EET MID |
| Total/NA  | Analysis   | 8015B NM     |     | 1          |                |              | 32119        | 08/13/22 16:55       | SM      | EET MID |
| Soluble   | Leach      | DI Leach     |     |            | 4.96 g         | 50 mL        | 32167        | 08/15/22 11:34       | KS      | EET MID |
| Soluble   | Analysis   | 300.0        |     | 1          |                |              | 32253        | 08/17/22 13:07       | CH      | EET MID |

Client Sample ID: CS-29 (1')

Lab Sample ID: 880-18043-29

Date Collected: 08/12/22 00:00

Matrix: Solid

Date Received: 08/12/22 12:22

| 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         | 32284        | 08/16/22 20:52       | MR      | EET MID |
| Total/NA  | Analysis   | 8021B        |     | 1          | 5 mL           | 5 mL         | 32280        | 08/17/22 11:09       | AJ      | EET MID |
| Total/NA  | Analysis   | Total BTEX   |     | 1          |                |              | 32308        | 08/17/22 09:03       | AJ      | EET MID |
| Total/NA  | Analysis   | 8015 NM      |     | 1          |                |              | 32157        | 08/15/22 10:31       | SM      | EET MID |
| Total/NA  | Prep       | 8015NM Prep  |     |            | 10.02 g        | 10 mL        | 32108        | 08/12/22 15:05       | DM      | EET MID |
| Total/NA  | Analysis   | 8015B NM     |     | 1          |                |              | 32119        | 08/13/22 17:16       | SM      | EET MID |
| Soluble   | Leach      | DI Leach     |     |            | 4.99 g         | 50 mL        | 32167        | 08/15/22 11:34       | KS      | EET MID |
| Soluble   | Analysis   | 300.0        |     | 1          |                |              | 32253        | 08/17/22 13:16       | CH      | EET MID |

Client Sample ID: CS-30 (1')

Lab Sample ID: 880-18043-30

Date Collected: 08/12/22 00:00

Matrix: Solid

Date Received: 08/12/22 12:22

| 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         | 32284        | 08/16/22 20:52       | MR      | EET MID |
| Total/NA  | Analysis   | 8021B        |     | 1          | 5 mL           | 5 mL         | 32280        | 08/17/22 11:29       | AJ      | EET MID |
| Total/NA  | Analysis   | Total BTEX   |     | 1          |                |              | 32308        | 08/17/22 09:03       | AJ      | EET MID |
| Total/NA  | Analysis   | 8015 NM      |     | 1          |                |              | 32157        | 08/15/22 10:31       | SM      | EET MID |
| Total/NA  | Prep       | 8015NM Prep  |     |            | 10.02 g        | 10 mL        | 32108        | 08/12/22 15:05       | DM      | EET MID |
| Total/NA  | Analysis   | 8015B NM     |     | 1          |                |              | 32119        | 08/13/22 17:38       | SM      | EET MID |
| Soluble   | Leach      | DI Leach     |     |            | 5.02 g         | 50 mL        | 32167        | 08/15/22 11:34       | KS      | EET MID |
| Soluble   | Analysis   | 300.0        |     | 1          |                |              | 32253        | 08/17/22 13:26       | CH      | EET MID |

Eurofins Midland

## Lab Chronicle

Client: NT Global  
Project/Site: South Vaccum 354

Job ID: 880-18043-1  
SDG: Lea Co., NM

Client Sample ID: CS-31 (1')

Lab Sample ID: 880-18043-31

Date Collected: 08/12/22 00:00

Matrix: Solid

Date Received: 08/12/22 12:22

| 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         | 32284        | 08/16/22 20:52       | MR      | EET MID |
| Total/NA  | Analysis   | 8021B        |     | 1          | 5 mL           | 5 mL         | 32280        | 08/17/22 11:50       | AJ      | EET MID |
| Total/NA  | Analysis   | Total BTEX   |     | 1          |                |              | 32308        | 08/17/22 09:03       | AJ      | EET MID |
| Total/NA  | Analysis   | 8015 NM      |     | 1          |                |              | 32157        | 08/15/22 10:31       | SM      | EET MID |
| Total/NA  | Prep       | 8015NM Prep  |     |            | 10.01 g        | 10 mL        | 32108        | 08/12/22 15:05       | DM      | EET MID |
| Total/NA  | Analysis   | 8015B NM     |     | 1          |                |              | 32119        | 08/13/22 18:21       | SM      | EET MID |
| Soluble   | Leach      | DI Leach     |     |            | 5.01 g         | 50 mL        | 32167        | 08/15/22 11:34       | KS      | EET MID |
| Soluble   | Analysis   | 300.0        |     | 1          |                |              | 32253        | 08/17/22 13:35       | CH      | EET MID |

Client Sample ID: SW-1

Lab Sample ID: 880-18043-32

Date Collected: 08/12/22 00:00

Matrix: Solid

Date Received: 08/12/22 12:22

| 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         | 32284        | 08/16/22 20:52       | MR      | EET MID |
| Total/NA  | Analysis   | 8021B        |     | 1          | 5 mL           | 5 mL         | 32280        | 08/17/22 12:10       | AJ      | EET MID |
| Total/NA  | Analysis   | Total BTEX   |     | 1          |                |              | 32308        | 08/17/22 09:03       | AJ      | EET MID |
| Total/NA  | Analysis   | 8015 NM      |     | 1          |                |              | 32157        | 08/15/22 10:31       | SM      | EET MID |
| Total/NA  | Prep       | 8015NM Prep  |     |            | 10.03 g        | 10 mL        | 32108        | 08/12/22 15:05       | DM      | EET MID |
| Total/NA  | Analysis   | 8015B NM     |     | 1          |                |              | 32119        | 08/13/22 18:42       | SM      | EET MID |
| Soluble   | Leach      | DI Leach     |     |            | 5 g            | 50 mL        | 32167        | 08/15/22 11:34       | KS      | EET MID |
| Soluble   | Analysis   | 300.0        |     | 1          |                |              | 32253        | 08/17/22 13:44       | CH      | EET MID |

Client Sample ID: SW-2

Lab Sample ID: 880-18043-33

Date Collected: 08/12/22 00:00

Matrix: Solid

Date Received: 08/12/22 12:22

| 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         | 32284        | 08/16/22 20:52       | MR      | EET MID |
| Total/NA  | Analysis   | 8021B        |     | 1          | 5 mL           | 5 mL         | 32280        | 08/17/22 12:31       | AJ      | EET MID |
| Total/NA  | Analysis   | Total BTEX   |     | 1          |                |              | 32308        | 08/17/22 09:03       | AJ      | EET MID |
| Total/NA  | Analysis   | 8015 NM      |     | 1          |                |              | 32157        | 08/15/22 10:31       | SM      | EET MID |
| Total/NA  | Prep       | 8015NM Prep  |     |            | 10.02 g        | 10 mL        | 32108        | 08/12/22 15:05       | DM      | EET MID |
| Total/NA  | Analysis   | 8015B NM     |     | 1          |                |              | 32119        | 08/13/22 19:04       | SM      | EET MID |
| Soluble   | Leach      | DI Leach     |     |            | 4.98 g         | 50 mL        | 32167        | 08/15/22 11:34       | KS      | EET MID |
| Soluble   | Analysis   | 300.0        |     | 1          |                |              | 32253        | 08/17/22 13:53       | CH      | EET MID |

Client Sample ID: SW-3

Lab Sample ID: 880-18043-34

Date Collected: 08/12/22 00:00

Matrix: Solid

Date Received: 08/12/22 12:22

| 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         | 32284        | 08/16/22 20:52       | MR      | EET MID |
| Total/NA  | Analysis   | 8021B        |     | 1          | 5 mL           | 5 mL         | 32280        | 08/17/22 12:52       | AJ      | EET MID |
| Total/NA  | Analysis   | Total BTEX   |     | 1          |                |              | 32308        | 08/17/22 09:03       | AJ      | EET MID |

Eurofins Midland

## Lab Chronicle

Client: NT Global  
Project/Site: South Vaccum 354

Job ID: 880-18043-1  
SDG: Lea Co., NM

## Client Sample ID: SW-3

## Lab Sample ID: 880-18043-34

Date Collected: 08/12/22 00:00

Matrix: Solid

Date Received: 08/12/22 12:22

| 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          |                |              | 32157        | 08/15/22 10:31       | SM      | EET MID |
| Total/NA  | Prep       | 8015NM Prep  |     |            | 10.04 g        | 10 mL        | 32108        | 08/12/22 15:05       | DM      | EET MID |
| Total/NA  | Analysis   | 8015B NM     |     | 1          |                |              | 32119        | 08/13/22 19:25       | SM      | EET MID |
| Soluble   | Leach      | DI Leach     |     |            | 5.05 g         | 50 mL        | 32168        | 08/15/22 11:36       | KS      | EET MID |
| Soluble   | Analysis   | 300.0        |     | 1          |                |              | 32254        | 08/16/22 23:17       | CH      | EET MID |

## Client Sample ID: SW-4

## Lab Sample ID: 880-18043-35

Date Collected: 08/12/22 00:00

Matrix: Solid

Date Received: 08/12/22 12:22

| 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         | 32284        | 08/16/22 20:52       | MR      | EET MID |
| Total/NA  | Analysis   | 8021B        |     | 1          | 5 mL           | 5 mL         | 32280        | 08/17/22 19:06       | AJ      | EET MID |
| Total/NA  | Analysis   | Total BTEX   |     | 1          |                |              | 32308        | 08/17/22 09:03       | AJ      | EET MID |
| Total/NA  | Analysis   | 8015 NM      |     | 1          |                |              | 32157        | 08/15/22 10:31       | SM      | EET MID |
| Total/NA  | Prep       | 8015NM Prep  |     |            | 10.01 g        | 10 mL        | 32108        | 08/12/22 15:05       | DM      | EET MID |
| Total/NA  | Analysis   | 8015B NM     |     | 1          |                |              | 32119        | 08/13/22 19:47       | SM      | EET MID |
| Soluble   | Leach      | DI Leach     |     |            | 5 g            | 50 mL        | 32168        | 08/15/22 11:36       | KS      | EET MID |
| Soluble   | Analysis   | 300.0        |     | 1          |                |              | 32254        | 08/16/22 23:45       | CH      | EET MID |

## Client Sample ID: SW-5

## Lab Sample ID: 880-18043-36

Date Collected: 08/12/22 00:00

Matrix: Solid

Date Received: 08/12/22 12:22

| 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         | 32284        | 08/16/22 20:52       | MR      | EET MID |
| Total/NA  | Analysis   | 8021B        |     | 1          | 5 mL           | 5 mL         | 32280        | 08/17/22 19:27       | AJ      | EET MID |
| Total/NA  | Analysis   | Total BTEX   |     | 1          |                |              | 32308        | 08/17/22 09:03       | AJ      | EET MID |
| Total/NA  | Analysis   | 8015 NM      |     | 1          |                |              | 32157        | 08/15/22 10:31       | SM      | EET MID |
| Total/NA  | Prep       | 8015NM Prep  |     |            | 10.02 g        | 10 mL        | 32108        | 08/12/22 15:05       | DM      | EET MID |
| Total/NA  | Analysis   | 8015B NM     |     | 1          |                |              | 32119        | 08/13/22 20:08       | SM      | EET MID |
| Soluble   | Leach      | DI Leach     |     |            | 5.01 g         | 50 mL        | 32168        | 08/15/22 11:36       | KS      | EET MID |
| Soluble   | Analysis   | 300.0        |     | 1          |                |              | 32254        | 08/16/22 23:54       | CH      | EET MID |

## Client Sample ID: SW-6

## Lab Sample ID: 880-18043-37

Date Collected: 08/12/22 00:00

Matrix: Solid

Date Received: 08/12/22 12:22

| 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         | 32284        | 08/16/22 20:52       | MR      | EET MID |
| Total/NA  | Analysis   | 8021B        |     | 1          | 5 mL           | 5 mL         | 32280        | 08/17/22 19:47       | AJ      | EET MID |
| Total/NA  | Analysis   | Total BTEX   |     | 1          |                |              | 32308        | 08/17/22 09:03       | AJ      | EET MID |
| Total/NA  | Analysis   | 8015 NM      |     | 1          |                |              | 32157        | 08/15/22 10:31       | SM      | EET MID |
| Total/NA  | Prep       | 8015NM Prep  |     |            | 10.03 g        | 10 mL        | 32108        | 08/12/22 15:05       | DM      | EET MID |
| Total/NA  | Analysis   | 8015B NM     |     | 1          |                |              | 32119        | 08/13/22 20:30       | SM      | EET MID |

Eurofins Midland

## Lab Chronicle

Client: NT Global  
Project/Site: South Vaccum 354

Job ID: 880-18043-1  
SDG: Lea Co., NM

## Client Sample ID: SW-6

Date Collected: 08/12/22 00:00

Date Received: 08/12/22 12:22

## Lab Sample ID: 880-18043-37

Matrix: Solid

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab     |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Soluble   | Leach      | DI Leach     |     |            | 5.03 g         | 50 mL        | 32168        | 08/15/22 11:36       | KS      | EET MID |
| Soluble   | Analysis   | 300.0        |     | 1          |                |              | 32254        | 08/17/22 00:04       | CH      | EET MID |

## Client Sample ID: SW-7

Date Collected: 08/12/22 00:00

Date Received: 08/12/22 12:22

## Lab Sample ID: 880-18043-38

Matrix: Solid

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab     |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Total/NA  | Prep       | 5035         |     |            | 5.01 g         | 5 mL         | 32284        | 08/16/22 20:52       | MR      | EET MID |
| Total/NA  | Analysis   | 8021B        |     | 1          | 5 mL           | 5 mL         | 32280        | 08/17/22 20:08       | AJ      | EET MID |
| Total/NA  | Analysis   | Total BTEX   |     | 1          |                |              | 32308        | 08/17/22 09:03       | AJ      | EET MID |
| Total/NA  | Analysis   | 8015 NM      |     | 1          |                |              | 32157        | 08/15/22 10:31       | SM      | EET MID |
| Total/NA  | Prep       | 8015NM Prep  |     |            | 10.01 g        | 10 mL        | 32108        | 08/12/22 15:05       | DM      | EET MID |
| Total/NA  | Analysis   | 8015B NM     |     | 1          |                |              | 32119        | 08/13/22 20:51       | SM      | EET MID |
| Soluble   | Leach      | DI Leach     |     |            | 5.05 g         | 50 mL        | 32168        | 08/15/22 11:36       | KS      | EET MID |
| Soluble   | Analysis   | 300.0        |     | 1          |                |              | 32254        | 08/17/22 00:13       | CH      | EET MID |

## Client Sample ID: SW-8

Date Collected: 08/12/22 00:00

Date Received: 08/12/22 12:22

## Lab Sample ID: 880-18043-39

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         | 32284        | 08/16/22 20:52       | MR      | EET MID |
| Total/NA  | Analysis   | 8021B        |     | 1          | 5 mL           | 5 mL         | 32280        | 08/17/22 20:29       | AJ      | EET MID |
| Total/NA  | Analysis   | Total BTEX   |     | 1          |                |              | 32308        | 08/17/22 09:03       | AJ      | EET MID |
| Total/NA  | Analysis   | 8015 NM      |     | 1          |                |              | 32157        | 08/15/22 10:31       | SM      | EET MID |
| Total/NA  | Prep       | 8015NM Prep  |     |            | 10.02 g        | 10 mL        | 32108        | 08/12/22 15:05       | DM      | EET MID |
| Total/NA  | Analysis   | 8015B NM     |     | 1          |                |              | 32119        | 08/13/22 21:12       | SM      | EET MID |
| Soluble   | Leach      | DI Leach     |     |            | 4.95 g         | 50 mL        | 32168        | 08/15/22 11:36       | KS      | EET MID |
| Soluble   | Analysis   | 300.0        |     | 1          |                |              | 32254        | 08/17/22 00:40       | CH      | EET MID |

## Client Sample ID: SW-9

Date Collected: 08/12/22 00:00

Date Received: 08/12/22 12:22

## Lab Sample ID: 880-18043-40

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         | 32284        | 08/16/22 20:52       | MR      | EET MID |
| Total/NA  | Analysis   | 8021B        |     | 1          | 5 mL           | 5 mL         | 32280        | 08/17/22 20:49       | AJ      | EET MID |
| Total/NA  | Analysis   | Total BTEX   |     | 1          |                |              | 32308        | 08/17/22 09:03       | AJ      | EET MID |
| Total/NA  | Analysis   | 8015 NM      |     | 1          |                |              | 32157        | 08/15/22 10:31       | SM      | EET MID |
| Total/NA  | Prep       | 8015NM Prep  |     |            | 10.04 g        | 10 mL        | 32108        | 08/12/22 15:05       | DM      | EET MID |
| Total/NA  | Analysis   | 8015B NM     |     | 1          |                |              | 32119        | 08/13/22 21:34       | SM      | EET MID |
| Soluble   | Leach      | DI Leach     |     |            | 5.01 g         | 50 mL        | 32168        | 08/15/22 11:36       | KS      | EET MID |
| Soluble   | Analysis   | 300.0        |     | 1          |                |              | 32254        | 08/17/22 00:50       | CH      | EET MID |

Eurofins Midland

Lab Chronicle

Client: NT Global  
Project/Site: South Vaccum 354

Job ID: 880-18043-1  
SDG: Lea Co., NM

Client Sample ID: SW-10  
Date Collected: 08/12/22 00:00  
Date Received: 08/12/22 12:22

Lab Sample ID: 880-18043-41  
Matrix: Solid

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab     |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Total/NA  | Prep       | 5035         |     |            | 4.97 g         | 5 mL         | 32284        | 08/16/22 20:52       | MR      | EET MID |
| Total/NA  | Analysis   | 8021B        |     | 1          | 5 mL           | 5 mL         | 32280        | 08/17/22 21:10       | AJ      | EET MID |
| Total/NA  | Analysis   | Total BTEX   |     | 1          |                |              | 32308        | 08/17/22 09:03       | AJ      | EET MID |
| Total/NA  | Analysis   | 8015 NM      |     | 1          |                |              | 32157        | 08/15/22 10:31       | SM      | EET MID |
| Total/NA  | Prep       | 8015NM Prep  |     |            | 10.01 g        | 10 mL        | 32104        | 08/12/22 14:26       | DM      | EET MID |
| Total/NA  | Analysis   | 8015B NM     |     | 1          |                |              | 32049        | 08/13/22 05:03       | SM      | EET MID |
| Soluble   | Leach      | DI Leach     |     |            | 5.03 g         | 50 mL        | 32168        | 08/15/22 11:36       | KS      | EET MID |
| Soluble   | Analysis   | 300.0        |     | 1          |                |              | 32254        | 08/17/22 00:59       | CH      | EET MID |

Client Sample ID: SW-11  
Date Collected: 08/12/22 00:00  
Date Received: 08/12/22 12:22

Lab Sample ID: 880-18043-42  
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         |     |            | 4.96 g         | 5 mL         | 32284        | 08/16/22 20:52       | MR      | EET MID |
| Total/NA  | Analysis   | 8021B        |     | 1          | 5 mL           | 5 mL         | 32280        | 08/17/22 21:30       | AJ      | EET MID |
| Total/NA  | Analysis   | Total BTEX   |     | 1          |                |              | 32308        | 08/17/22 09:03       | AJ      | EET MID |
| Total/NA  | Analysis   | 8015 NM      |     | 1          |                |              | 32157        | 08/15/22 10:31       | SM      | EET MID |
| Total/NA  | Prep       | 8015NM Prep  |     |            | 10.02 g        | 10 mL        | 32104        | 08/12/22 14:26       | DM      | EET MID |
| Total/NA  | Analysis   | 8015B NM     |     | 1          |                |              | 32049        | 08/13/22 05:24       | SM      | EET MID |
| Soluble   | Leach      | DI Leach     |     |            | 5 g            | 50 mL        | 32168        | 08/15/22 11:36       | KS      | EET MID |
| Soluble   | Analysis   | 300.0        |     | 1          |                |              | 32254        | 08/17/22 01:08       | CH      | EET MID |

Laboratory References:  
EET MID = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

Accreditation/Certification Summary

Client: NT Global  
Project/Site: South Vaccum 354

Job ID: 880-18043-1  
SDG: Lea Co., NM

Laboratory: Eurofins Midland

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

| Authority | Program | Identification Number | Expiration Date |
|-----------|---------|-----------------------|-----------------|
| Texas     | NELAP   | T104704400-22-24      | 06-30-23        |

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

| Analysis Method | Prep Method | Matrix | Analyte    |
|-----------------|-------------|--------|------------|
| 8015 NM         |             | Solid  | Total TPH  |
| Total BTEX      |             | Solid  | Total BTEX |

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

## Method Summary

Client: NT Global  
Project/Site: South Vaccum 354

Job ID: 880-18043-1  
SDG: Lea Co., NM

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

**Protocol References:**

ASTM = ASTM International

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:**

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

## Sample Summary

Client: NT Global  
Project/Site: South Vaccum 354

Job ID: 880-18043-1  
SDG: Lea Co., NM

| Lab Sample ID | Client Sample ID | Matrix | Collected      | Received       |
|---------------|------------------|--------|----------------|----------------|
| 880-18043-1   | CS-1 (2')        | Solid  | 08/12/22 00:00 | 08/12/22 12:22 |
| 880-18043-2   | CS-2 (2')        | Solid  | 08/12/22 00:00 | 08/12/22 12:22 |
| 880-18043-3   | CS-3 (2')        | Solid  | 08/12/22 00:00 | 08/12/22 12:22 |
| 880-18043-4   | CS-4 (2')        | Solid  | 08/12/22 00:00 | 08/12/22 12:22 |
| 880-18043-5   | CS-5 (2')        | Solid  | 08/12/22 00:00 | 08/12/22 12:22 |
| 880-18043-6   | CS-6 (2')        | Solid  | 08/12/22 00:00 | 08/12/22 12:22 |
| 880-18043-7   | CS-7 (2')        | Solid  | 08/12/22 00:00 | 08/12/22 12:22 |
| 880-18043-8   | CS-8 (2')        | Solid  | 08/12/22 00:00 | 08/12/22 12:22 |
| 880-18043-9   | CS-9 (2')        | Solid  | 08/12/22 00:00 | 08/12/22 12:22 |
| 880-18043-10  | CS-10 (2')       | Solid  | 08/12/22 00:00 | 08/12/22 12:22 |
| 880-18043-11  | CS-11 (2')       | Solid  | 08/12/22 00:00 | 08/12/22 12:22 |
| 880-18043-12  | CS-12 (2')       | Solid  | 08/12/22 00:00 | 08/12/22 12:22 |
| 880-18043-13  | CS-13 (2')       | Solid  | 08/12/22 00:00 | 08/12/22 12:22 |
| 880-18043-14  | CS-14 (2')       | Solid  | 08/12/22 00:00 | 08/12/22 12:22 |
| 880-18043-15  | CS-15 (2')       | Solid  | 08/12/22 00:00 | 08/12/22 12:22 |
| 880-18043-16  | CS-16 (2')       | Solid  | 08/12/22 00:00 | 08/12/22 12:22 |
| 880-18043-17  | CS-17 (2')       | Solid  | 08/12/22 00:00 | 08/12/22 12:22 |
| 880-18043-18  | CS-18 (2')       | Solid  | 08/12/22 00:00 | 08/12/22 12:22 |
| 880-18043-19  | CS-19 (2')       | Solid  | 08/12/22 00:00 | 08/12/22 12:22 |
| 880-18043-20  | CS-20 (2')       | Solid  | 08/12/22 00:00 | 08/12/22 12:22 |
| 880-18043-21  | CS-21 (2')       | Solid  | 08/12/22 00:00 | 08/12/22 12:22 |
| 880-18043-22  | CS-22 (2')       | Solid  | 08/12/22 00:00 | 08/12/22 12:22 |
| 880-18043-23  | CS-23 (2')       | Solid  | 08/12/22 00:00 | 08/12/22 12:22 |
| 880-18043-24  | CS-24 (2')       | Solid  | 08/12/22 00:00 | 08/12/22 12:22 |
| 880-18043-25  | CS-25 (2')       | Solid  | 08/12/22 00:00 | 08/12/22 12:22 |
| 880-18043-26  | CS-26 (1')       | Solid  | 08/12/22 00:00 | 08/12/22 12:22 |
| 880-18043-27  | CS-27 (1')       | Solid  | 08/12/22 00:00 | 08/12/22 12:22 |
| 880-18043-28  | CS-28 (1')       | Solid  | 08/12/22 00:00 | 08/12/22 12:22 |
| 880-18043-29  | CS-29 (1')       | Solid  | 08/12/22 00:00 | 08/12/22 12:22 |
| 880-18043-30  | CS-30 (1')       | Solid  | 08/12/22 00:00 | 08/12/22 12:22 |
| 880-18043-31  | CS-31 (1')       | Solid  | 08/12/22 00:00 | 08/12/22 12:22 |
| 880-18043-32  | SW-1             | Solid  | 08/12/22 00:00 | 08/12/22 12:22 |
| 880-18043-33  | SW-2             | Solid  | 08/12/22 00:00 | 08/12/22 12:22 |
| 880-18043-34  | SW-3             | Solid  | 08/12/22 00:00 | 08/12/22 12:22 |
| 880-18043-35  | SW-4             | Solid  | 08/12/22 00:00 | 08/12/22 12:22 |
| 880-18043-36  | SW-5             | Solid  | 08/12/22 00:00 | 08/12/22 12:22 |
| 880-18043-37  | SW-6             | Solid  | 08/12/22 00:00 | 08/12/22 12:22 |
| 880-18043-38  | SW-7             | Solid  | 08/12/22 00:00 | 08/12/22 12:22 |
| 880-18043-39  | SW-8             | Solid  | 08/12/22 00:00 | 08/12/22 12:22 |
| 880-18043-40  | SW-9             | Solid  | 08/12/22 00:00 | 08/12/22 12:22 |
| 880-18043-41  | SW-10            | Solid  | 08/12/22 00:00 | 08/12/22 12:22 |
| 880-18043-42  | SW-11            | Solid  | 08/12/22 00:00 | 08/12/22 12:22 |



Chain of Custody



880-18043 Chain of Custody

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|                  |                     |                         |  |
|------------------|---------------------|-------------------------|--|
| Project Manager: | Gordon Banks        | Bill to (if different): |  |
| Company Name:    | NTG Environmental   | Company Name:           |  |
| Address:         | 701 Tradewinds Blvd | Address:                |  |
| City, State ZIP  | Midland, TX 79706   | City, State ZIP         |  |
| Phone:           |                     | Email:                  |  |

|                                                                                                                                                                                |  |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| Work Order Comments                                                                                                                                                            |  |
| Program: UST/PST <input type="checkbox"/> PRP <input type="checkbox"/> Brownfields <input type="checkbox"/> RRC <input type="checkbox"/> Superfund <input type="checkbox"/>    |  |
| State of Project:                                                                                                                                                              |  |
| Reporting Level II <input type="checkbox"/> Level III <input type="checkbox"/> PST/UST <input type="checkbox"/> RRP <input type="checkbox"/> Level IV <input type="checkbox"/> |  |
| Deliverables EDD <input type="checkbox"/> ADAPT <input type="checkbox"/> Other                                                                                                 |  |

|                       |                                                                     |                                                                           |                                                                     |                             |                    |
|-----------------------|---------------------------------------------------------------------|---------------------------------------------------------------------------|---------------------------------------------------------------------|-----------------------------|--------------------|
| Project Name:         | South Vacuum 354                                                    | Turn Around                                                               |                                                                     | ANALYSIS REQUEST            | PRESERVATIVE CODES |
| Project Number:       | 214802                                                              | <input type="checkbox"/> Routine <input checked="" type="checkbox"/> Rush |                                                                     |                             |                    |
| Project Location:     | Lea Co, NM                                                          | Due Date                                                                  | 72 Hrs                                                              |                             |                    |
| Sampler's Name:       | NH                                                                  | TAT starts the day received by the lab if received by 4:30pm              |                                                                     |                             |                    |
| PO #:                 |                                                                     |                                                                           |                                                                     |                             |                    |
| SAMPLE RECEIPT        |                                                                     | Temp Blank:                                                               | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> | Parameters                  |                    |
| Received Intact:      | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> | Thermometer ID:                                                           | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> | BTEX 8021B                  |                    |
| Cooler Custody Seals: | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> | Correction Factor:                                                        | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> | TPH 8015M (GRO + DRO + MRO) |                    |
| Sample Custody Seals: | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> | Temperature Reading:                                                      | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> | Chloride 300.0              |                    |
| Total Containers:     |                                                                     | Corrected Temperature:                                                    | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> | HOLD                        |                    |

| Sample Identification | Date      | Time | Soil | Water | Grab/Comp | # of Cont | ANALYSIS REQUEST |   |   |   |  |  |  |  |  |                                                                 | Preservative Codes        |
|-----------------------|-----------|------|------|-------|-----------|-----------|------------------|---|---|---|--|--|--|--|--|-----------------------------------------------------------------|---------------------------|
| CS-1 (2)              | 8/12/2022 | -    | X    | -     | C         | 1         | X                | X | X | X |  |  |  |  |  | None NO                                                         | DI Water H <sub>2</sub> O |
| CS-2 (2)              | 8/12/2022 | -    | X    | -     | C         | 1         | X                | X | X | X |  |  |  |  |  | Cool Cool                                                       | MeOH Me                   |
| CS-3 (2)              | 8/12/2022 | -    | X    | -     | C         | 1         | X                | X | X | X |  |  |  |  |  | HCL HC                                                          | HNO <sub>3</sub> HN       |
| CS-4 (2)              | 8/12/2022 | -    | X    | -     | C         | 1         | X                | X | X | X |  |  |  |  |  | H <sub>2</sub> SO <sub>4</sub> H <sub>2</sub>                   | NaOH Na                   |
| CS-5 (2)              | 8/12/2022 | -    | X    | -     | C         | 1         | X                | X | X | X |  |  |  |  |  | H <sub>3</sub> PO <sub>4</sub> HP                               |                           |
| CS-6 (2)              | 8/12/2022 | -    | X    | -     | C         | 1         | X                | X | X | X |  |  |  |  |  | NaHSO <sub>4</sub> NABIS                                        |                           |
| CS-7 (2)              | 8/12/2022 | -    | X    | -     | C         | 1         | X                | X | X | X |  |  |  |  |  | Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> NaSO <sub>3</sub> |                           |
| CS-8 (2)              | 8/12/2022 | -    | X    | -     | C         | 1         | X                | X | X | X |  |  |  |  |  | Zn Acetate+NaOH Zn                                              |                           |
| CS-9 (2)              | 8/12/2022 | -    | X    | -     | C         | 1         | X                | X | X | X |  |  |  |  |  | NaOH+Ascorbic Acid SAPC                                         |                           |
| CS-10 (2)             | 8/12/2022 | -    | X    | -     | C         | 1         | X                | X | X | X |  |  |  |  |  |                                                                 |                           |

Additional 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. <i>Noullat</i>            | <i>W. J. ...</i>         | 8/12/22   | 2.                           |                          |           |
| 3.                           |                          | 12:22     | 4.                           |                          |           |
| 5.                           |                          |           | 6.                           |                          |           |



Chain of Custody

Work Order No: 180473

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|                 |                     |                        |                      |
|-----------------|---------------------|------------------------|----------------------|
| Project Manager | Gordon Banks        | Bill to (if different) |                      |
| Company Name    | NTG Environmental   | Company Name           |                      |
| Address         | 701 Tradewinds Blvd | Address                |                      |
| City, State ZIP | Midland, TX 79706   | City, State ZIP        |                      |
| Phone           |                     | Email                  | GBanks@ntgglobal.com |

|                                                                                                                                                                               |  |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| Work Order Comments                                                                                                                                                           |  |
| Program: UST/PST <input type="checkbox"/> PRP <input type="checkbox"/> Brownfields <input type="checkbox"/> RRC <input type="checkbox"/> Superfund <input type="checkbox"/>   |  |
| State of Project:                                                                                                                                                             |  |
| Reporting Level II <input type="checkbox"/> Level III <input type="checkbox"/> ST/UST <input type="checkbox"/> RRP <input type="checkbox"/> Level IV <input type="checkbox"/> |  |
| Deliverables EDD <input type="checkbox"/> ADAPT <input type="checkbox"/> Other                                                                                                |  |

| Project Name.         |            | South Vacuum 354 |                                                              | Turn Around                              |                       | ANALYSIS REQUEST |                                                                 |                             |     |    |      |   |   |   |   |   |                                               | Preservative Codes        |  |                 |  |  |
|-----------------------|------------|------------------|--------------------------------------------------------------|------------------------------------------|-----------------------|------------------|-----------------------------------------------------------------|-----------------------------|-----|----|------|---|---|---|---|---|-----------------------------------------------|---------------------------|--|-----------------|--|--|
| Project Number        | 214802     |                  | <input type="checkbox"/> Routine                             | <input checked="" type="checkbox"/> Rush | Pres. Code            |                  |                                                                 |                             |     |    |      |   |   |   |   |   | None NO                                       | DI Water H <sub>2</sub> O |  |                 |  |  |
| Project Location      | Lea Co. NM |                  | Due Date                                                     | 72 Hrs                                   |                       |                  |                                                                 |                             |     |    |      |   |   |   |   |   | Cool Cool                                     | MeOH Me                   |  |                 |  |  |
| Sampler's Name        | NH         |                  | TAT starts the day received by the lab if received by 4 30pm |                                          |                       |                  |                                                                 |                             |     |    |      |   |   |   |   |   | HCL HC                                        | HNO <sub>3</sub> HN       |  |                 |  |  |
| PO #.                 |            |                  |                                                              |                                          |                       |                  |                                                                 |                             |     |    |      |   |   |   |   |   | H <sub>2</sub> SO <sub>4</sub> H <sub>2</sub> | NaOH Na                   |  |                 |  |  |
| SAMPLE RECEIPT        |            |                  | Temp Blank.                                                  | Yes                                      | No                    | Yes              | No                                                              | Wet Ice:                    | Yes | No | HOLD |   |   |   |   |   |                                               |                           |  |                 |  |  |
| Received Intact:      |            |                  | Yes                                                          | No                                       | Thermometer ID:       |                  | NaHSO <sub>4</sub> NABIS                                        |                             |     |    |      |   |   |   |   |   |                                               |                           |  |                 |  |  |
| Cooler Custody Seals. |            |                  | Yes                                                          | No                                       | Correction Factor:    |                  | Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> NaSO <sub>3</sub> |                             |     |    |      |   |   |   |   |   |                                               |                           |  |                 |  |  |
| Sample Custody Seals: |            |                  | Yes                                                          | No                                       | Temperature Reading:  |                  | Zn Acetate+NaOH Zn                                              |                             |     |    |      |   |   |   |   |   |                                               |                           |  |                 |  |  |
| Total Containers.     |            |                  |                                                              |                                          | Corrected Temperature |                  | NaOH+Ascorbic Acid SAPC                                         |                             |     |    |      |   |   |   |   |   |                                               |                           |  |                 |  |  |
| Sample Identification |            | Date             | Time                                                         | Soil                                     | Water                 | Grab/Comp        | # of Cont                                                       | Parameters                  |     |    |      |   |   |   |   |   |                                               |                           |  | Sample Comments |  |  |
| CS-11 (2)             |            | 8/12/2022        | -                                                            | X                                        | -                     | C                | 1                                                               | BTEX 8021B                  |     |    |      |   |   |   |   |   |                                               |                           |  |                 |  |  |
| CS-12 (2)             |            | 8/12/2022        | -                                                            | X                                        | -                     | C                | 1                                                               | TPH 8015M (GRO + DRO + MRO) |     |    |      |   |   |   |   |   |                                               |                           |  |                 |  |  |
| CS-13 (2)             |            | 8/12/2022        | -                                                            | X                                        | -                     | C                | 1                                                               | Chloride 300 0              |     |    |      |   |   |   |   |   |                                               |                           |  |                 |  |  |
| CS-14 (2)             |            | 8/12/2022        | -                                                            | X                                        | -                     | C                | 1                                                               | X                           | X   | X  | X    | X | X | X | X | X |                                               |                           |  |                 |  |  |
| CS-15 (2)             |            | 8/12/2022        | -                                                            | X                                        | -                     | C                | 1                                                               | X                           | X   | X  | X    | X | X | X | X | X |                                               |                           |  |                 |  |  |
| CS-16 (2)             |            | 8/12/2022        | -                                                            | X                                        | -                     | C                | 1                                                               | X                           | X   | X  | X    | X | X | X | X | X |                                               |                           |  |                 |  |  |
| CS-17 (2)             |            | 8/12/2022        | -                                                            | X                                        | -                     | C                | 1                                                               | X                           | X   | X  | X    | X | X | X | X | X |                                               |                           |  |                 |  |  |
| CS-18 (2)             |            | 8/12/2022        | -                                                            | X                                        | -                     | C                | 1                                                               | X                           | X   | X  | X    | X | X | X | X | X |                                               |                           |  |                 |  |  |
| CS-19 (2)             |            | 8/12/2022        | -                                                            | X                                        | -                     | C                | 1                                                               | X                           | X   | X  | X    | X | X | X | X | X |                                               |                           |  |                 |  |  |
| CS-20 (2)             |            | 8/12/2022        | -                                                            | X                                        | -                     | C                | 1                                                               | X                           | X   | X  | X    | X | X | X | X | X |                                               |                           |  |                 |  |  |

Additional Comments:

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|                             |                         |           |                             |                         |           |
|-----------------------------|-------------------------|-----------|-----------------------------|-------------------------|-----------|
| Relinquished by (Signature) | Received by (Signature) | Date/Time | Relinquished by (Signature) | Received by (Signature) | Date/Time |
| 1. <i>Michael</i>           | <i>UAW</i>              | 8/12/22   | 2.                          |                         |           |
| 3.                          |                         | 12:22     | 4.                          |                         |           |
| 5.                          |                         |           | 6.                          |                         |           |



## Chain of Custody

Work Order No: 10043

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|                 |                     |                         |  |
|-----------------|---------------------|-------------------------|--|
| Project Manager | Gordon Banks        | Bill to: (if different) |  |
| Company Name:   | NTG Environmental   | Company Name            |  |
| Address:        | 701 Tradewinds BLVD | Address                 |  |
| City, State ZIP | Midland, TX 79706   | City, State ZIP         |  |
| Phone:          |                     | Email:                  |  |

| Work Order Comments |                          |                              |                                      |                              |                                    |                          |                          |                          |                          |
|---------------------|--------------------------|------------------------------|--------------------------------------|------------------------------|------------------------------------|--------------------------|--------------------------|--------------------------|--------------------------|
| Program:            | UST/ST                   | <input type="checkbox"/> PRP | <input type="checkbox"/> brownfields | <input type="checkbox"/> RRC | <input type="checkbox"/> Superfund | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| State of Project.   |                          |                              |                                      |                              |                                    |                          |                          |                          |                          |
| Reporting Level II  | <input type="checkbox"/> | Level III                    | <input type="checkbox"/>             | pST/UST                      | <input type="checkbox"/>           | TRRP                     | <input type="checkbox"/> | Level IV                 | <input type="checkbox"/> |
| Deliverables        | EDD                      | <input type="checkbox"/>     | ADAPT                                | <input type="checkbox"/>     | Other                              |                          |                          |                          |                          |

|                       |                  |                       |                                                                           |                 |
|-----------------------|------------------|-----------------------|---------------------------------------------------------------------------|-----------------|
| Project Name:         | South Vaccum 354 |                       | Turn Around                                                               |                 |
| Project Number        | 214802           |                       | <input type="checkbox"/> Routine <input checked="" type="checkbox"/> Rush |                 |
| Project Location      | Lea Co., NM      |                       | Due Date                                                                  | 72 Hrs          |
| Sampler's Name:       | NH               |                       | TAT starts the day received by the lab if received by 4:30pm              |                 |
| PO #:                 |                  |                       |                                                                           |                 |
| <b>SAMPLE RECEIPT</b> |                  | Temp Blank:           | Yes                                                                       | No              |
| Received Intact:      |                  | Yes                   | No                                                                        | Thermometer ID. |
| Cooler Custody Seals: |                  | Yes                   | No                                                                        | N/A             |
| Sample Custody Seals: |                  | Yes                   | No                                                                        | N/A             |
| Total Containers:     |                  | Temperature Reading:  |                                                                           |                 |
|                       |                  | Corrected Temperature |                                                                           |                 |

[illegible][illegible]

Additional Comments:

Notice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Xenoco, its affiliates and subcontractors. It assigns standard terms and conditions of service. Xenoco will be liable only for the cost of samples and the client will assume any responsibility for any losses or expenses incurred by the client if such losses are due to circumstances beyond the control of Xenoco. A minimum charge of \$85.00 will be applied to each project and a charge of \$5 for each sample submitted to Xenoco, but not analyzed. These terms will be enforced unless previously negotiated.

| Relinquished by (Signature) | Received by (Signature) | Date/Time | Relinquished by (Signature) | Received by (Signature) | Date/Time |
|-----------------------------|-------------------------|-----------|-----------------------------|-------------------------|-----------|
| 1 <i>Neel Das</i>           | <i>NA</i>               | 8/12/22   | 2                           |                         |           |
| 3                           |                         | 12:22     | 4                           |                         |           |
| 5                           |                         |           | 6                           |                         |           |



Chain of Custody

Work Order No: 18049

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|                 |                     |                         |  |
|-----------------|---------------------|-------------------------|--|
| Project Manager | Gordon Banks        | Bill to: (if different) |  |
| Company Name    | NTG Environmental   | Company Name            |  |
| Address         | 701 Tradewinds Blvd | Address                 |  |
| City, State ZIP | Midland, TX 79706   | City, State ZIP         |  |
| Phone           |                     | Email                   |  |

|                                                                                                                                                                                |  |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| Work Order Comments                                                                                                                                                            |  |
| Program: UST/PST <input type="checkbox"/> PRP <input type="checkbox"/> Brownfields <input type="checkbox"/> RRC <input type="checkbox"/> Superfund <input type="checkbox"/>    |  |
| State of Project:                                                                                                                                                              |  |
| Reporting Level II <input type="checkbox"/> Level III <input type="checkbox"/> PST/UST <input type="checkbox"/> RRP <input type="checkbox"/> Level IV <input type="checkbox"/> |  |
| Deliverables EDD <input type="checkbox"/> ADAPT <input type="checkbox"/> Other                                                                                                 |  |

|                      |                  |                                                              |                                                                           |                       |     |                  |  |  |  |  |  |  |  |  |  |                    |                                                                 |                           |
|----------------------|------------------|--------------------------------------------------------------|---------------------------------------------------------------------------|-----------------------|-----|------------------|--|--|--|--|--|--|--|--|--|--------------------|-----------------------------------------------------------------|---------------------------|
| Project Name         | South Vacuum 354 | Turn Around                                                  | <input type="checkbox"/> Routine <input checked="" type="checkbox"/> Rush | Pres. Code            |     | ANALYSIS REQUEST |  |  |  |  |  |  |  |  |  | Preservative Codes |                                                                 |                           |
| Project Number       | 214802           |                                                              |                                                                           |                       |     |                  |  |  |  |  |  |  |  |  |  |                    | None NO                                                         | DI Water H <sub>2</sub> O |
| Project Location     | Lea Co, NM       | Due Date                                                     | 72 Hrs                                                                    |                       |     |                  |  |  |  |  |  |  |  |  |  |                    | Cool Cool                                                       | MeOH Me                   |
| Sampler's Name       | NH               | TAT starts the day received by the lab if received by 4:30pm |                                                                           |                       |     |                  |  |  |  |  |  |  |  |  |  |                    | HCL HC                                                          | HNO <sub>3</sub> HN       |
| PO #:                |                  |                                                              |                                                                           |                       |     |                  |  |  |  |  |  |  |  |  |  |                    | H <sub>2</sub> SO <sub>4</sub> H <sub>2</sub>                   | NaOH Na                   |
| SAMPLE RECEIPT       | Temp Blank       | Yes                                                          | No                                                                        | Wet Ice               | Yes | No               |  |  |  |  |  |  |  |  |  |                    | H <sub>3</sub> PO <sub>4</sub> HP                               |                           |
| Received Intact      | Yes              | No                                                           |                                                                           | Thermometer ID        |     |                  |  |  |  |  |  |  |  |  |  |                    | NaHSO <sub>4</sub> NABIS                                        |                           |
| Cooler Custody Seals | Yes              | No                                                           | N/A                                                                       | Correction Factor     |     |                  |  |  |  |  |  |  |  |  |  |                    | Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> NaSO <sub>3</sub> |                           |
| Sample Custody Seals | Yes              | No                                                           | N/A                                                                       | Temperature Reading   |     |                  |  |  |  |  |  |  |  |  |  |                    | Zn Acetate+NaOH Zn                                              |                           |
| Total Containers     |                  |                                                              |                                                                           | Corrected Temperature |     |                  |  |  |  |  |  |  |  |  |  |                    | NaOH+Ascorbic Acid SAPC                                         |                           |

| Sample Identification | Date      | Time | Soil | Water | Grab/<br>Comp | # of<br>Cont | TPH |   |   |  |  |  |  |  |  |  | Sample Comments |  |  |
|-----------------------|-----------|------|------|-------|---------------|--------------|-----|---|---|--|--|--|--|--|--|--|-----------------|--|--|
|                       |           |      |      |       |               |              |     |   |   |  |  |  |  |  |  |  |                 |  |  |
| CS-31 (1')            | 8/12/2022 | -    | X    | -     | C             | 1            | X   | X | X |  |  |  |  |  |  |  |                 |  |  |
| SW-1                  | 8/12/2022 | -    | X    | -     | C             | 1            | X   | X | X |  |  |  |  |  |  |  |                 |  |  |
| SW-2                  | 8/12/2022 | -    | X    | -     | C             | 1            | X   | X | X |  |  |  |  |  |  |  |                 |  |  |
| SW-3                  | 8/12/2022 | -    | X    | -     | C             | 1            | X   | X | X |  |  |  |  |  |  |  |                 |  |  |
| SW-4                  | 8/12/2022 | -    | X    | -     | C             | 1            | X   | X | X |  |  |  |  |  |  |  |                 |  |  |
| SW-5                  | 8/12/2022 | -    | X    | -     | C             | 1            | X   | X | X |  |  |  |  |  |  |  |                 |  |  |
| SW-6                  | 8/12/2022 | -    | X    | -     | C             | 1            | X   | X | X |  |  |  |  |  |  |  |                 |  |  |
| SW-7                  | 8/12/2022 | -    | X    | -     | C             | 1            | X   | X | X |  |  |  |  |  |  |  |                 |  |  |
| SW-8                  | 8/12/2022 | -    | X    | -     | C             | 1            | X   | X | X |  |  |  |  |  |  |  |                 |  |  |
| SW-9                  | 8/12/2022 | -    | X    | -     | C             | 1            | X   | X | X |  |  |  |  |  |  |  |                 |  |  |

Additional 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. <i>Michelle</i>          | <i>AAW</i>              | 8/12/22 12:32 | 2.                          |                         |           |
| 3.                          |                         |               | 4.                          |                         |           |
| 5.                          |                         |               | 6.                          |                         |           |



## Chain of Custody

Work Order No: 10042

Page 5 of 5

|                 |                     |                         |  |
|-----------------|---------------------|-------------------------|--|
| Project Manager | Gordon Banks        | Bill to: (if different) |  |
| Company Name    | NTG Environmental   | Company Name:           |  |
| Address:        | 701 Tradewinds BLVD | Address:                |  |
| City, State ZIP | Midland, TX 79706   | City, State ZIP         |  |
| Phone           |                     | Email                   |  |

| Work Order Comments                                                                                                                                                             |  |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| Program: UST/PST <input type="checkbox"/> PRP <input type="checkbox"/> Brownfields <input type="checkbox"/> RRC <input type="checkbox"/> Superfund <input type="checkbox"/>     |  |
| State of Project:                                                                                                                                                               |  |
| Reporting Level II <input type="checkbox"/> Level III <input type="checkbox"/> PST/UST <input type="checkbox"/> TRRP <input type="checkbox"/> Level IV <input type="checkbox"/> |  |
| Deliverables EDD <input type="checkbox"/> ADAPT <input type="checkbox"/> Other                                                                                                  |  |

[illegible][illegible]

**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 \$65.00 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 <i>N. A. H.</i>           | <i>N. A. H.</i>         | 8/12/22   | 2                           |                         |           |
| 3                           |                         | 12/22     | 4                           |                         |           |
| 5                           |                         |           | 6                           |                         |           |

## Login Sample Receipt Checklist

Client: NT Global

Job Number: 880-18043-1

SDG Number: Lea Co., NM

Login Number: 18043

List Number: 1

Creator: Rodriguez, Leticia

List Source: Eurofins Midland

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

**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 160568

CONDITIONS

|                                                                                         |                                                           |
|-----------------------------------------------------------------------------------------|-----------------------------------------------------------|
| Operator:<br>Catena Resources Operating, LLC<br>1001 Fannin Street<br>Houston, TX 77002 | OGRID:<br>328449                                          |
|                                                                                         | Action Number:<br>160568                                  |
|                                                                                         | Action Type:<br>[C-141] Release Corrective Action (C-141) |

CONDITIONS

| Created By | Condition                | Condition Date |
|------------|--------------------------|----------------|
| jnobui     | Closure Report Approved. | 1/3/2023       |