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Incident ID	nAPP2135152879
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: 12/19/2022
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 #351
Catena Resources, LLC
Site Location: Unit G, S35, T18S, R35E
(Lat 32.7057762°, Long -103.4258499°)
Lea County, New Mexico
Incident # nAPP2135152879

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 351 location (Site) on July 19, 2021. The Site is located in Lea County approximately 17.4 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 injection header. The equipment failure resulted in the release of approximately 77 barrels (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, 4 known water sources are located within a ½ mile radius of the Site; however, none of the 4 wells were drilled in the past 25 years. The nearest identified well was drilled in 1957 and is located approximately 0.18 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.

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For Oil & Gas Operations**

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On April 19, 2022, Scarborough Drilling, Inc was contracted to install a soil boring to assess the presence and depth of groundwater in the vicinity of the Site. A single boring (GWDB) was installed to a depth of 60 ft bgs at the South Vacuum 353 location approximately 0.34 mile northwest of the Site. The soil boring was left open for 72 hours and a water level meter was placed into the soil boring to access the presence of water. No water was detected at 60 ft bgs. Complete details of the soil boring installation are detailed in NTGE's previously submitted and approved *Work Plan*, dated April 28th, 2022.

Regulatory Criteria

In accordance with the NMOCD regulatory criteria established in 19.15.29.12 NMAC and the determination that the depth of groundwater at the Site is greater 50 ft bgs, 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): 2,500 mg/kg
- TPH (GRO + DRO): 1,000 mg/kg
- Chloride: 10,000 mg/kg

Site Assessment

Site assessment activities were conducted over three events conducted 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 of 4 – 12 ft bgs. Complete details of NTGE's site assessment activities are documented in NTGE's previously submitted and approved *Work Plan*, dated April 28, 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 taken to ensure impacted soil was removed. The confirmation samples were collected in accordance with the one sample per 200 ft² 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.

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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

Table 1 Soil Analytical Results - Excavation Confirmation Samples
Catena Resources, LLC
South Vacuum Unit 351
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	ORO+DRO	Total						
Base Samples													
CS-1	9/12/2022	4	<49.9	62.5	<49.9	62.5	62.5	<0.000990	<0.00495	<0.000990	<0.00198	<0.00198	1,660
CS-2	9/12/2022	4	<49.9	126	<49.9	126	126	<0.00101	<0.00505	<0.00101	<0.00202	<0.00202	1,560
CS-3	9/12/2022	4	<50.0	<50.0	<50.0	<50.0	<50.0	<0.00100	<0.00501	<0.00100	<0.00200	<0.00200	1,100
CS-4	9/12/2022	4	<49.9	185	<49.9	185	185	<0.00101	<0.00505	<0.00101	<0.00202	<0.00202	1,950
CS-5	9/12/2022	4	<50.0	80.1	<50.0	80.1	80.1	<0.00101	<0.00505	<0.00101	<0.00202	<0.00202	1,200
CS-6	9/12/2022	4	<49.9	<49.9	<49.9	<49.9	<49.9	<0.00101	<0.00504	<0.00101	<0.00202	<0.00202	1,390
CS-7	9/12/2022	4	<50.0	<50.0	<50.0	<50.0	<50.0	<0.00100	<0.00502	<0.00100	<0.00201	<0.00201	120
CS-8	9/12/2022	4	<50.0	<50.0	<50.0	<50.0	<50.0	<0.00101	<0.00505	<0.00101	<0.00202	<0.00202	1,080
CS-9	9/12/2022	4	<50.0	<50.0	<50.0	<50.0	<50.0	<0.00100	<0.00500	<0.00100	<0.00200	<0.00200	82.9
CS-10	9/12/2022	4	<50.0	<50.0	<50.0	<50.0	<50.0	<0.00101	<0.00505	<0.00101	<0.00202	<0.00202	35.1
CS-11	9/12/2022	4	<49.9	<49.9	<49.9	<49.9	<49.9	<0.000990	<0.00495	<0.000990	<0.00198	<0.00198	5,050
CS-12	9/12/2022	4	<50.0	<50.0	<50.0	<50.0	<50.0	<0.000998	<0.00499	<0.000998	<0.00200	<0.00200	4,470
CS-13	9/12/2022	4	<49.9	<49.9	<49.9	<49.9	<49.9	<0.00102	<0.00509	<0.00102	<0.00204	<0.00204	2,470
CS-14	9/12/2022	4	<49.8	<49.8	<49.8	<49.8	<49.8	<0.00101	<0.00504	<0.00101	<0.00202	<0.00202	1,120
CS-15	9/12/2022	4	<49.9	814	<49.9	814	814	<0.00101	<0.00503	<0.00101	<0.00201	<0.00201	2,460
CS-16	9/12/2022	4	<50.0	103	<50.0	103	103	<0.000990	<0.00495	<0.000990	<0.00198	<0.00198	3,600
CS-17	9/12/2022	4	<50.0	<50.0	<50.0	<50.0	<50.0	<0.000994	<0.00497	<0.000994	<0.00199	<0.00199	3,010
CS-18	9/12/2022	4	<49.9	<49.9	<49.9	<49.9	<49.9	<0.000990	<0.00495	<0.000990	<0.00198	<0.00198	219
CS-19	9/12/2022	4	<49.8	<49.8	<49.8	<49.8	<49.8	<0.00101	<0.00505	<0.00101	<0.00202	<0.00202	3,390
CS-20	9/12/2022	4	<49.9	<49.9	<49.9	<49.9	<49.9	<0.00101	<0.00505	<0.00101	<0.00202	<0.00202	2,750
CS-21	9/12/2022	4	<49.9	<49.9	<49.9	<49.9	<49.9	<0.000990	<0.00495	<0.000990	<0.00198	<0.00198	2,770
CS-22	9/12/2022	4	<49.9	<49.9	<49.9	<49.9	<49.9	<0.00101	<0.00505	<0.00101	<0.00202	<0.00202	1,060
CS-23	9/12/2022	4	<50.0	<50.0	<50.0	<50.0	<50.0	<0.00101	<0.00504	<0.00101	<0.00202	<0.00202	3,320
CS-24	9/12/2022	4	<49.9	<49.9	<49.9	<49.9	<49.9	<0.00100	<0.00500	<0.00100	<0.00200	<0.00200	905
CS-25	9/12/2022	4	<50.0	<50.0	<50.0	<50.0	<50.0	<0.000990	<0.00495	<0.000990	<0.00198	<0.00198	722
CS-26	9/12/2022	4	<49.9	<49.9	<49.9	<49.9	<49.9	<0.000996	<0.00498	<0.000996	<0.00199	<0.00199	1,390
CS-27	9/12/2022	4	<50.0	<50.0	<50.0	<50.0	<50.0	<0.00101	<0.00504	<0.00101	<0.00202	<0.00202	1,860
CS-28	9/12/2022	4	<50.0	<50.0	<50.0	<50.0	<50.0	<0.00101	<0.00503	<0.00101	<0.00201	<0.00201	1,570
CS-29	9/12/2022	4	<49.9	<49.9	<49.9	<49.9	<49.9	<0.000994	<0.00497	<0.000994	<0.00199	<0.00199	1,790
CS-30	9/12/2022	4	<49.9	<49.9	<49.9	<49.9	<49.9	<0.000996	<0.00498	<0.000996	<0.00199	<0.00199	3,930
CS-31	9/12/2022	4	<50.0	<50.0	<50.0	<50.0	<50.0	<0.00100	<0.00500	<0.00100	<0.00200	<0.00200	6,180

Table 1 Soil Analytical Results - Excavation Confirmation Samples
Catena Resources, LLC
South Vacuum Unit 351
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	ORO+DRO	Total						
CS-32	9/12/2022	4	<49.9	<49.9	<49.9	<49.9	<49.9	<0.00100	<0.00500	<0.00100	<0.00200	<0.00200	4,470
CS-33	9/12/2022	4	<50.0	<50.0	<50.0	<50.0	<50.0	<0.000998	<0.00499	<0.000998	<0.00200	<0.00200	2,900
CS-34	9/12/2022	4	<49.8	<49.8	<49.8	<49.8	<49.8	<0.000992	<0.00496	<0.000992	<0.00198	<0.00198	2,550
CS-35	9/12/2022	4	<49.9	<49.9	<49.9	<49.9	<49.9	<0.000990	<0.00495	<0.000990	<0.00198	<0.00198	894
CS-36	9/12/2022	4	<50.0	<50.0	<50.0	<50.0	<50.0	<0.00100	<0.00500	<0.00100	<0.00200	<0.00200	1,490
CS-37	9/12/2022	4	<50.0	<50.0	<50.0	<50.0	<50.0	<0.00100	<0.00502	<0.00100	<0.00201	<0.00201	1,050
CS-38	9/12/2022	4	<49.9	<49.9	<49.9	<49.9	<49.9	<0.00100	<0.00501	<0.00100	<0.00200	<0.00200	1,700
CS-39	9/12/2022	4	<49.8	<49.8	<49.8	<49.8	<49.8	<0.00101	<0.00503	<0.00101	<0.00201	<0.00201	2,090
CS-40	9/12/2022	4	<49.9	<49.9	<49.9	<49.9	<49.9	<0.00100	<0.00502	<0.00100	<0.00201	<0.00201	2,170
CS-41	9/12/2022	4	<49.9	<49.9	<49.9	<49.9	<49.9	<0.00100	<0.00502	<0.00100	<0.00201	<0.00201	616
CS-42	9/12/2022	4	<49.9	<49.9	<49.9	<49.9	<49.9	<0.00101	<0.00504	<0.00101	<0.00202	<0.00202	309
CS-43	9/12/2022	4	<50.0	<50.0	<50.0	<50.0	<50.0	<0.00100	<0.00502	<0.00100	<0.00201	<0.00201	101
CS-44	9/12/2022	4	<49.9	<49.9	<49.9	<49.9	<49.9	<0.000990	<0.00495	<0.000990	<0.00198	<0.00198	4,360
CS-45	9/12/2022	4	<50.0	<50.0	<50.0	<50.0	<50.0	<0.000996	<0.00498	<0.000996	<0.00199	<0.00199	221
CS-46	9/12/2022	4	<49.9	<49.9	<49.9	<49.9	<49.9	<0.00100	<0.00501	<0.00100	<0.00200	<0.00200	461
CS-47	9/12/2022	4	<50.0	<50.0	<50.0	<50.0	<50.0	<0.00101	<0.00503	<0.00101	<0.00201	<0.00201	747
CS-48	9/12/2022	4	<50.0	<50.0	<50.0	<50.0	<50.0	<0.00100	<0.00501	<0.00100	<0.00200	<0.00200	1,050
CS-49	9/12/2022	4	<49.9	<49.9	<49.9	<49.9	<49.9	<0.000992	<0.00496	<0.000992	<0.00198	<0.00198	1,330
CS-50	9/12/2022	4	<49.9	<49.9	<49.9	<49.9	<49.9	<0.000992	<0.00496	<0.000992	<0.00198	<0.00198	3,390
CS-51	9/12/2022	4	<50.0	<50.0	<50.0	<50.0	<50.0	<0.00101	<0.00504	<0.00101	<0.00202	<0.00202	493
CS-52	9/12/2022	4	<50.0	<50.0	<50.0	<50.0	<50.0	<0.000990	<0.00495	<0.000990	<0.00198	<0.00198	897
CS-53	9/12/2022	4	<49.9	<49.9	<49.9	<49.9	<49.9	<0.00100	<0.00500	<0.00100	<0.00200	<0.00200	184
CS-54	9/12/2022	4	<50.0	<50.0	<50.0	<50.0	<50.0	<0.000998	<0.00499	<0.000998	<0.00200	<0.00200	179
CS-55	9/12/2022	4	<50.0	<50.0	<50.0	<50.0	<50.0	<0.00100	<0.00502	<0.00100	<0.00201	<0.00201	388
CS-56	9/12/2022	4	<49.9	<49.9	<49.9	<49.9	<49.9	<0.00101	<0.00504	<0.00101	<0.00202	<0.00202	523
CS-57	9/12/2022	4	<49.9	<49.9	<49.9	<49.9	<49.9	<0.00100	<0.00501	<0.00100	<0.00200	<0.00200	1,040
CS-58	9/12/2022	4	<49.9	<49.9	<49.9	<49.9	<49.9	<0.00100	<0.00501	<0.00100	<0.00200	<0.00200	635
CS-59	9/12/2022	4	<50.0	<50.0	<50.0	<50.0	<50.0	<0.00100	<0.00502	<0.00100	<0.00201	<0.00201	1,320
CS-60	9/12/2022	4	<49.9	<49.9	<49.9	<49.9	<49.9	<0.000998	<0.00499	<0.000998	<0.00200	<0.00200	1,740
CS-61	9/12/2022	4	<49.9	<49.9	<49.9	<49.9	<49.9	<0.000992	<0.00496	<0.000992	<0.00198	<0.00198	4,270
CS-62	9/12/2022	4	<49.9	<49.9	<49.9	<49.9	<49.9	<0.000990	<0.00495	<0.000990	<0.00198	<0.00198	1,050
CS-63	9/12/2022	4	<50.0	<50.0	<50.0	<50.0	<50.0	<0.000992	<0.00496	<0.000992	<0.00198	<0.00198	374

Table 1 Soil Analytical Results - Excavation Confirmation Samples
Catena Resources, LLC
South Vacuum Unit 351
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	ORO+DRO	Total						
CS-64	9/12/2022	4	<49.9	<49.9	<49.9	<49.9	<49.9	<0.000998	<0.00499	<0.000998	<0.00200	<0.00200	1,150
CS-65	9/12/2022	4	<50.0	<50.0	<50.0	<50.0	<50.0	<0.00100	<0.00502	<0.00100	<0.00201	<0.00201	685
CS-66	9/12/2022	4	<49.9	<49.9	<49.9	<49.9	<49.9	<0.00101	<0.00504	<0.00101	<0.00202	<0.00202	556
CS-67	9/12/2022	4	<50.0	<50.0	<50.0	<50.0	<50.0	<0.00101	<0.00504	<0.00101	<0.00202	<0.00202	901
CS-68	9/12/2022	4	<50.0	<50.0	<50.0	<50.0	<50.0	<0.000992	<0.00496	<0.000992	<0.00198	<0.00198	366
CS-69	9/12/2022	4	<49.9	<49.9	<49.9	<49.9	<49.9	<0.00101	<0.00504	<0.00101	<0.00202	<0.00202	101
CS-70	9/12/2022	4	<49.9	<49.9	<49.9	<49.9	<49.9	<0.000998	<0.00499	<0.000998	<0.00200	<0.00200	103
CS-71	9/12/2022	4	<50.0	<50.0	<50.0	<50.0	<50.0	<0.00101	<0.00503	<0.00101	<0.00201	<0.00201	883
CS-72	9/12/2022	4	<50.0	<50.0	<50.0	<50.0	<50.0	<0.000990	<0.00495	<0.000990	<0.00198	<0.00198	102
CS-73	9/12/2022	4	<49.9	<49.9	<49.9	<49.9	<49.9	<0.00101	<0.00505	<0.00101	<0.00202	<0.00202	387
CS-74	9/12/2022	4	<50.0	<50.0	<50.0	<50.0	<50.0	<0.00101	<0.00505	<0.00101	<0.00202	<0.00202	378
CS-75	9/12/2022	4	<50.0	<50.0	<50.0	<50.0	<50.0	<0.00101	<0.00503	<0.00101	<0.00201	<0.00201	117
CS-76	9/12/2022	4	<49.9	<49.9	<49.9	<49.9	<49.9	<0.00100	<0.00501	<0.00100	<0.00200	<0.00200	83.8
Sidewall Samples													
SW-1	9/12/2022	-	<49.9	<49.9	<49.9	<49.9	<49.9	<0.000992	<0.00496	<0.000992	<0.00198	<0.00198	12.4
SW-2	9/12/2022	-	<49.9	<49.9	<49.9	<49.9	<49.9	<0.000998	<0.00499	<0.000998	<0.00200	<0.00200	15.7
SW-3	9/12/2022	-	<50.0	<50.0	<50.0	<50.0	<50.0	<0.000994	<0.00497	<0.000994	<0.00199	<0.00199	59.1
SW-4	9/12/2022	-	<49.9	<49.9	<49.9	<49.9	<49.9	<0.000994	<0.00497	<0.000994	<0.00199	<0.00199	35.1
SW-5	9/12/2022	-	<49.9	<49.9	<49.9	<49.9	<49.9	<0.000992	<0.00496	<0.000992	<0.00198	<0.00198	28.4
SW-6	9/12/2022	-	<49.9	<49.9	<49.9	<49.9	<49.9	<0.000992	<0.00496	<0.000992	<0.00198	<0.00198	77.5
SW-7	9/12/2022	-	<50.0	<50.0	<50.0	<50.0	<50.0	<0.000998	<0.00499	<0.000998	<0.00200	<0.00200	39.4
SW-8	9/12/2022	-	<49.9	<49.9	<49.9	<49.9	<49.9	<0.00101	<0.00503	<0.00101	<0.00201	<0.00201	62.0
SW-9	9/12/2022	-	<50.0	<50.0	<50.0	<50.0	<50.0	<0.00100	<0.00500	<0.00100	<0.00200	<0.00200	44.0
SW-10	9/12/2022	-	<49.9	<49.9	<49.9	<49.9	<49.9	<0.000992	<0.00496	<0.000992	<0.00198	<0.00198	49.0
SW-11	9/12/2022	-	<50.0	<50.0	<50.0	<50.0	<50.0	<0.00100	<0.00500	<0.00100	<0.00200	<0.00200	14.0
SW-12	9/12/2022	-	<50.0	<50.0	<50.0	<50.0	<50.0	<0.00100	<0.00500	<0.00100	<0.00200	<0.00200	34.2
SW-13	9/12/2022	-	<49.9	<49.9	<49.9	<49.9	<49.9	<0.00101	<0.00503	<0.00101	<0.00201	<0.00201	40.4
SW-14	9/12/2022	-	<49.9	<49.9	<49.9	<49.9	<49.9	<0.00100	<0.00502	<0.00100	<0.00201	<0.00201	37.6
SW-15	9/12/2022	-	<50.0	58.4	<50.0	58.4	58.4	<0.00100	<0.00502	<0.00100	<0.00201	<0.00201	41.0
SW-16	9/12/2022	-	<50.0	<50.0	<50.0	<50.0	<50.0	<0.000990	<0.00495	<0.000990	<0.00198	<0.00198	13.8
SW-17	9/12/2022	-	<49.9	<49.9	<49.9	<49.9	<49.9	<0.000996	<0.00498	<0.000996	<0.00199	<0.00199	23.8
SW-18	9/12/2022	-	<50.0	50.5	<50.0	50.5	50.5	<0.000994	<0.00497	<0.000994	<0.00199	<0.00199	33.9

Table 1 Soil Analytical Results - Excavation Confirmation Samples
Catena Resources, LLC
South Vacuum Unit 351
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	ORO+DRO	Total						
SW-19	9/12/2022	-	<50.0	<50.0	<50.0	<50.0	<50.0	<0.00101	<0.00503	<0.00101	<0.00201	<0.00201	40.5
Regulatory Limits^A		0 - 4	NA	NA	NA	NA	100	NA	NA	NA	NA	50	600
		≥4	NA	NA	NA	1,000	2,500	10	NA	NA	NA	50	10,000

mg/kg - milligram per kilogram

GRO - gasoline range organics

DRO - diesel range organics

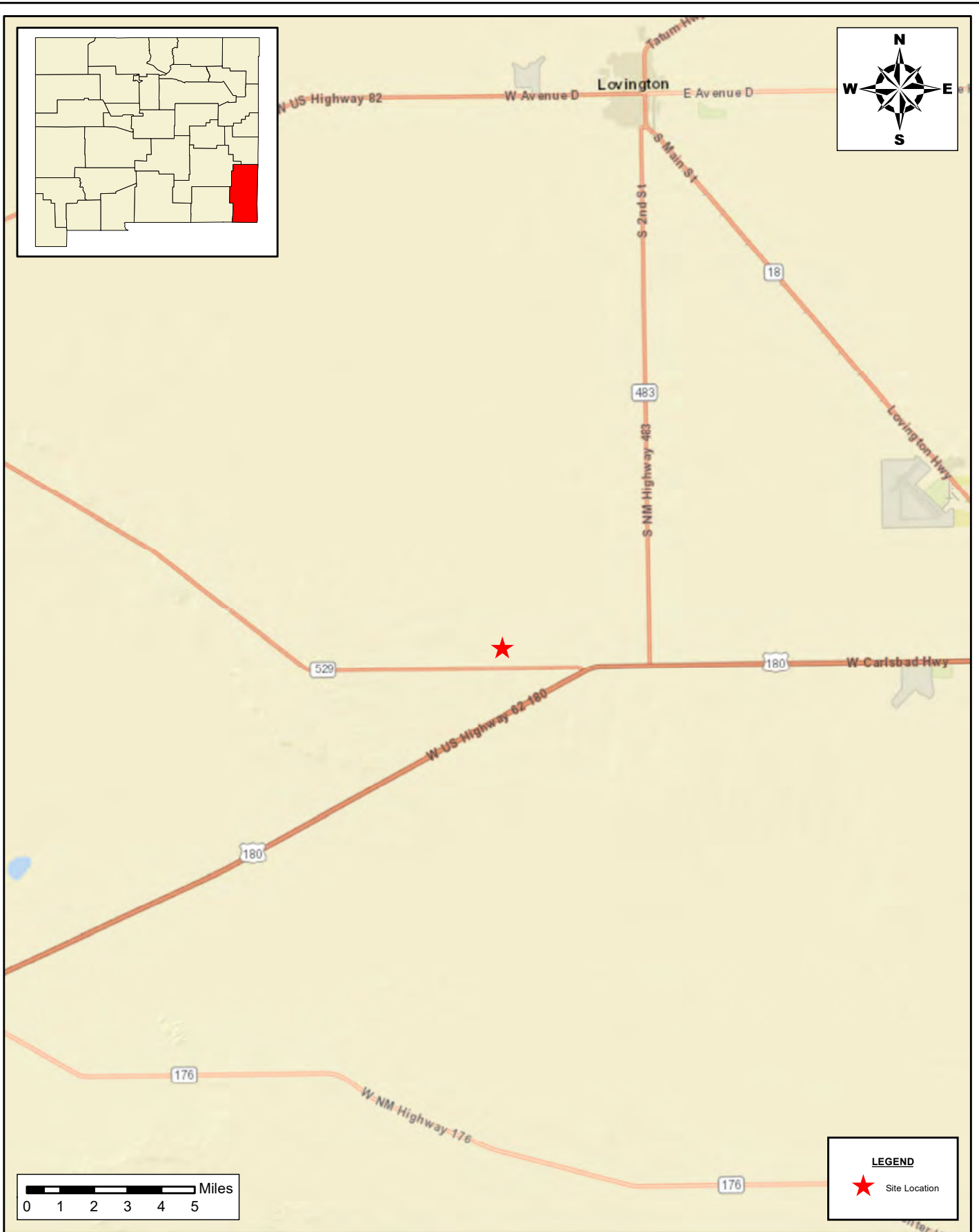
ORO - oil range organics

NA - not applicable

A – Table 1 - 19.15.29 NMAC

Figures

Document Path: P:\2021 PROJECTS\CATENA\RSC\214801 South Vacuum Unit 351\7 - Figures\GIS\Map Files\351 Figure 1 - Site Location Map.mxd



SITE LOCATION MAP
CATENA RESOURCES, LLC
 SOUTH VACUUM UNIT #351
 LEA COUNTY, NEW MEXICO
 32.7057762°, -104.4258499°

SCALE: As Shown Date: 11/11/2022 PROJECT #: 214801



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

DRAWING NUMBER:

FIGURE 1

SHEET NUMBER:

1 of 1

Document Path: P:\2021 PROJECTS\CATENA\RSC\214801 South Vacuum Unit 351\7 - Figures\GIS\Map Files\351 Figure 2 - Areas Map.mxd



AREA MAP
CATENA RESOURCES, LLC
 SOUTH VACUUM UNIT #351
 LEA COUNTY, NEW MEXICO
 32.7057762°, -104.4258499°

SCALE: As Shown

Date: 11/11/2022

PROJECT #: 214801



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 911 Regional Park Drive
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 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

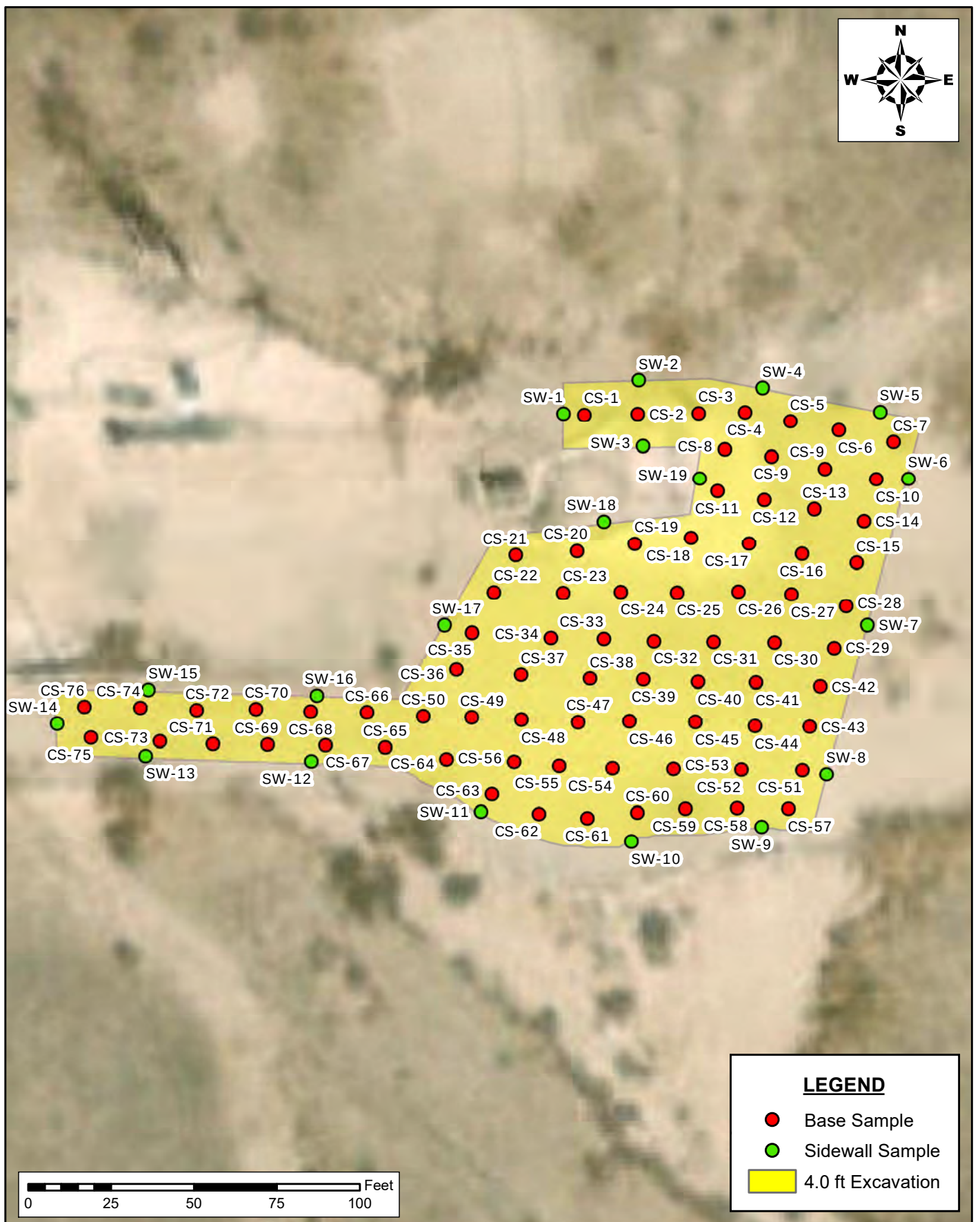
DRAWING NUMBER:

FIGURE 2

SHEET NUMBER:

1 of 1

Document Path: P:\2021 PROJECTS\CATENA\RSC\214801 South Vacuum Unit 351\7 - Figures\GIS\Final PDFs\Closure Report\351 Figure 3 Final.mxd



EXCAVATION AND CONFIRMATION SAMPLE LOCATION MAP
CATENA RESOURCES, LLC
 SOUTH VACUUM UNIT #351
 LEA COUNTY, NEW MEXICO
 32.7057762°, -104.4258499°

SCALE: As Shown

Date: 11/11/2022

PROJECT #: 214801



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

PHOTOGRAPHIC LOG

Catena Resources

Photograph No. 1

Facility: South Vacuum Unit 351

County: Lea County, New Mexico

Description:

View looking southwest of the northwest side of the final excavation.



Photograph No. 2

Facility: South Vacuum Unit 351

County: Lea County, New Mexico

Description:

View looking south of northwest side of the final excavation.



Photograph No. 3

Facility: South Vacuum Unit 351

County: Lea County, New Mexico

Description:

View looking Southwest of the final excavation.



PHOTOGRAPHIC LOG

Catena Resources

Photograph No. 4

Facility: South Vacuum Unit 351

County: Lea County, New Mexico

Description:

View looking west of the final excavation.



Photograph No. 5

Facility: South Vacuum Unit 351

County: Lea County, New Mexico

Description:

View looking southeast of the final excavation.



Photograph No. 6

Facility: South Vacuum Unit 351

County: Lea County, New Mexico

Description:

View looking south of the final excavation.



Site Characterization Information

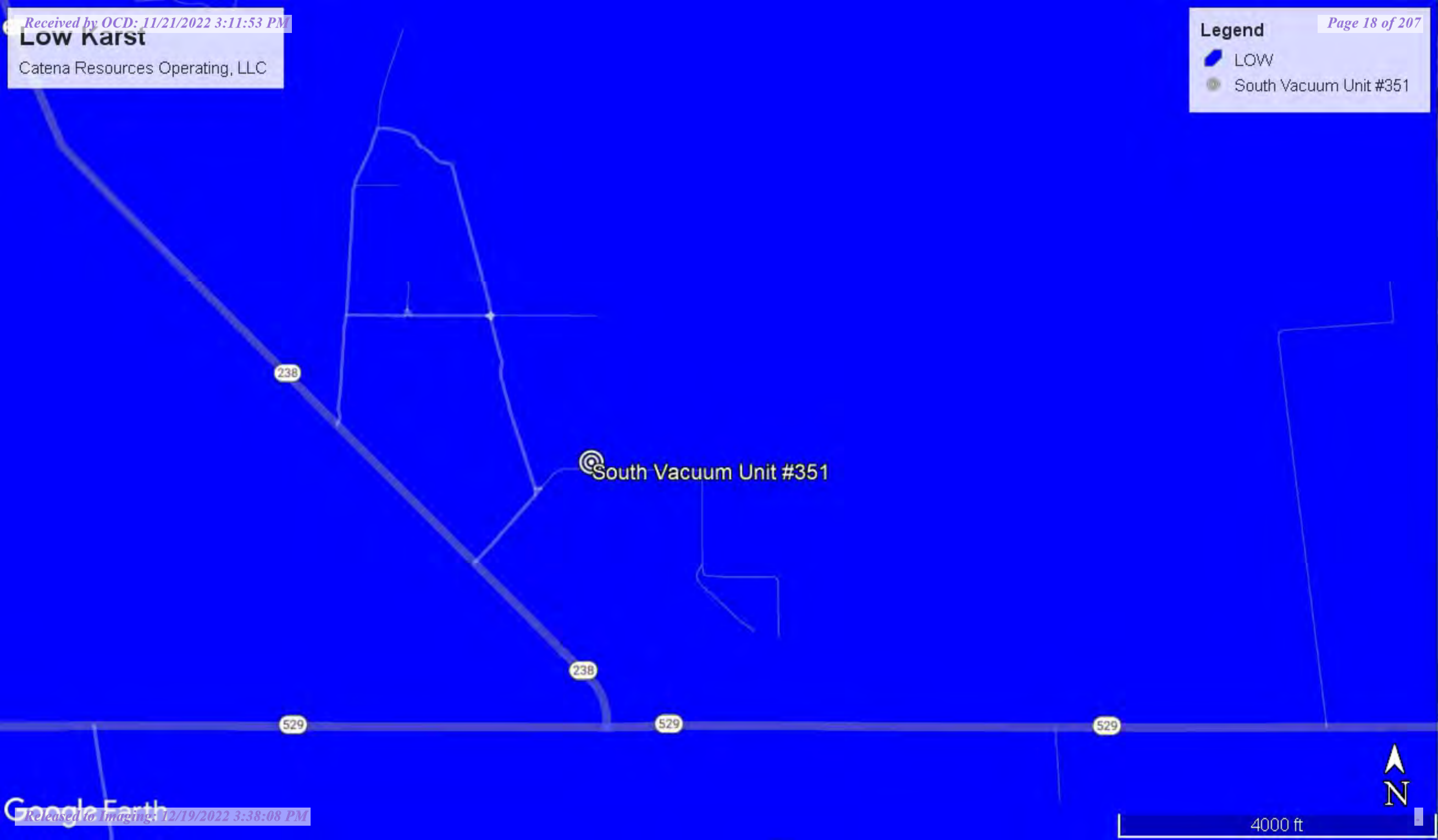
Low Karst

Catena Resources Operating, LLC

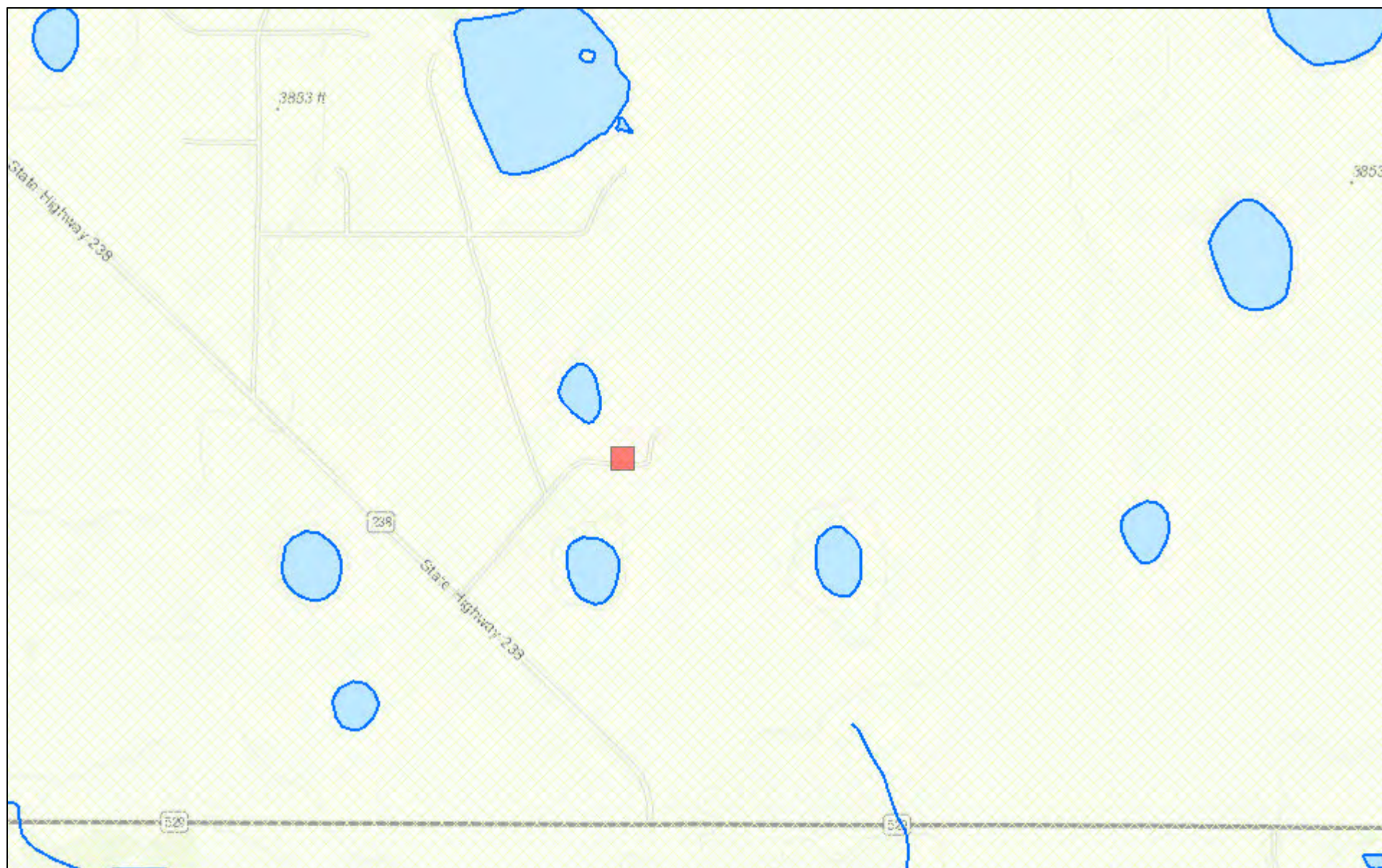
Legend

 LOW

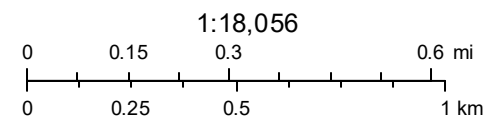
 South Vacuum Unit #351



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

- 0.18 Miles
- 0.25 Miles
- 0.31 Miles
- 0.36 Miles
- 0.50 Mile Radius
- 0.64 Miles
- NMSEO Water Well
- South Vacuum Unit #351
- USGS Water Well





New Mexico Office of the State Engineer Point of Diversion Summary

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

Driller License: 421 **Driller Company:** GLENN'S WATER WELL SERVICE
Driller Name: GLENN, CLARK A.

Drill Start Date: 10/12/1987 **Drill Finish Date:** 10/12/1987 **Plug Date:**
Log File Date: 10/22/1987 **PCW Rcv Date:** **Source:** Shallow
Pump Type: **Pipe Discharge Size:** **Estimated Yield:** 100 GPM
Casing Size: 6.62 **Depth Well:** 150 feet **Depth Water:** 55 feet

Water Bearing Stratifications:	Top	Bottom	Description
	56	160	Other/Unknown

Casing Perforations:	Top	Bottom
	122	153

Meter Number:	8553	Meter Make:	MASTER
Meter Serial Number:	2057376	Meter Multiplier:	100.0000
Number of Dials:	6	Meter Type:	Diversion
Unit of Measure:	Gallons	Return Flow Percent:	
Usage Multiplier:		Reading Frequency:	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

**YTD Meter Amounts:	Year	Amount
	2004	0.631

*UTM location was derived from PLSS - see Help

The data is furnished by the NMOSE/ISC and is accepted by the recipient with the expressed understanding that the OSE/ISC make no warranties, expressed or implied, concerning the accuracy, completeness, reliability, usability, or suitability for any particular purpose of the data.

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) (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

The data is furnished by the NMOSE/ISC and is accepted by the recipient with the expressed understanding that the OSE/ISC make no warranties, expressed or implied, concerning the accuracy, completeness, reliability, usability, or suitability for any particular purpose of the data.

10/26/21 1:17 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) (quarters are smallest to largest)						(NAD83 UTM in meters)	
Well Tag	POD Number	Q64	Q16	Q4	Sec	Tws	Rng	X	Y
L	09524	1	4	35	18S	35E		647552	3619364*

Driller License: 882	Driller Company: LARRY'S DRILLING & PUMP CO.
Driller Name: FELKINS, LARRY	

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

Water Bearing Stratifications:	Top	Bottom	Description
	60	140	Other/Unknown

Casing Perforations:	Top	Bottom
	120	140

*UTM location was derived from PLSS - see Help

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10/26/21 2:55 PM

POINT OF DIVERSION SUMMARY



New Mexico Office of the State Engineer Point of Diversion Summary

Well Tag	POD Number	(quarters are 1=NW 2=NE 3=SW 4=SE) (quarters are smallest to largest)	(NAD83 UTM in meters)		
		Q64 Q16 Q4 Sec Tws Rng	X Y		
	L 03678	35 18S 35E	647354 3619554*		

Driller License: 99	Driller Company: O.R. MUSSELWHITE WATER WELL SE
Driller Name: MUSSELWHITE, O.R.	

Drill Start Date: 09/17/1957	Drill Finish Date: 09/18/1957	Plug Date: 09/30/1962
Log File Date: 09/24/1957	PCW Rcv Date:	Source: Shallow
Pump Type:	Pipe Discharge Size:	Estimated Yield:
Casing Size: 6.00	Depth Well: 115 feet	Depth Water: 60 feet

Water Bearing Stratifications:	Top	Bottom	Description
	70	110	Sandstone/Gravel/Conglomerate

Casing Perforations:	Top	Bottom	
	75	115	

*UTM location was derived from PLSS - see Help

The data is furnished by the NMOSE/ISC and is accepted by the recipient with the expressed understanding that the OSE/ISC make no warranties, expressed or implied, concerning the accuracy, completeness, reliability, usability, or suitability for any particular purpose of the data.

10/26/21 2:52 PM

POINT OF DIVERSION SUMMARY



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[Contact USGS](#)
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National Water Information System: Web Interface

USGS Water Resources

Data Category:
Groundwater

Geographic Area:
New Mexico

GO

Click to hideNews Bulletins

- Explore the *NEW* [USGS National Water Dashboard](#) interactive map to access real-time water data from over 13,500 stations nationwide.
- [Full News](#) 

Groundwater levels for New Mexico

Click to hide state-specific text

 Important: [Next Generation Monitoring Location Page](#)

Search Results -- 1 sites found

Agency code = usgs
site_no list =

- 324205103253101

Minimum number of levels = 1
[Save file of selected sites](#) to local disk for future upload

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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Title: Groundwater for New Mexico: Water Levels

URL: <https://nwis.waterdata.usgs.gov/nm/nwis/gwlevels?>

Page Contact Information: [New Mexico Water Data Maintainer](#)

Page Last Modified: 2021-10-26 17:06:10 EDT

0.3 0.26 nadww01



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: 880-19118-1

Laboratory Sample Delivery Group: Lea Co, NM
Client Project/Site: South Vaccum Unit 351

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:

9/19/2022 4:29:57 PM

Jessica Kramer, Project Manager
(432)704-5440

Jessica.Kramer@et.eurofinsus.com

LINKS

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results through



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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 Unit 351

Laboratory Job ID: 880-19118-1
SDG: Lea Co, NM

Table of Contents

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Definitions/Glossary

Client: NT Global
Project/Site: South Vaccum Unit 351

Job ID: 880-19118-1
SDG: Lea Co, NM

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
*3	ISTD response or retention time outside acceptable limits.
E	Result exceeded calibration range.
F1	MS and/or MSD recovery exceeds control limits.
U	Indicates the analyte was analyzed for but not detected.

GC Semi VOA

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

HPLC/IC

Qualifier	Qualifier Description
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

Eurofins Midland

Case Narrative

Client: NT Global
Project/Site: South Vacuum Unit 351

Job ID: 880-19118-1
SDG: Lea Co, NM

Job ID: 880-19118-1

Laboratory: Eurofins Midland

Narrative

Job Narrative
880-19118-1

Receipt

The samples were received on 9/12/2022 4:07 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 3.6°C

GC/MS VOA

Method 8260D: The following samples were diluted to bring the concentration of target analytes within the calibration range: (860-33097-A-2-F) and (860-33097-A-2-F MS). Elevated reporting limits (RLs) are provided. Sample is a catalyst prepped with methanol from a bulk jar.

Method 8260D: Sample is a bulk jar. CS-22 (4') (880-19118-22), CS-23 (4') (880-19118-23), CS-24 (4') (880-19118-24), CS-25 (4') (880-19118-25), CS-26 (4') (880-19118-26), CS-27 (4') (880-19118-27), CS-28 (4') (880-19118-28) and CS-29 (4') (880-19118-29)

Method 8260D: The matrix spike (MS) recoveries for preparation batch 860-68973 and analytical batch 860-69130 were outside control limits. Sample matrix interference is suspected.

Method 8260D: Sample prepped from a bulk jar. CS-48 (4') (880-19118-48), CS-49 (4') (880-19118-49), CS-50 (4') (880-19118-50), CS-51 (4') (880-19118-51), CS-52 (4') (880-19118-52), CS-53 (4') (880-19118-53), CS-54 (4') (880-19118-54), CS-55 (4') (880-19118-55), CS-56 (4') (880-19118-56), CS-57 (4') (880-19118-57), CS-58 (4') (880-19118-58), CS-59 (4') (880-19118-59), CS-60 (4') (880-19118-60), CS-61 (4') (880-19118-61), CS-62 (4') (880-19118-62), CS-63 (4') (880-19118-63), CS-64 (4') (880-19118-64), CS-65 (4') (880-19118-65), CS-66 (4') (880-19118-66), CS-67 (4') (880-19118-67) and (880-19118-A-52-D MS)

Method 8260D: Sample received in a bulk jar. CS-68 (4') (880-19118-68), CS-69 (4') (880-19118-69), CS-70 (4') (880-19118-70), CS-71 (4') (880-19118-71), CS-72 (4') (880-19118-72), CS-73 (4') (880-19118-73), CS-74 (4') (880-19118-74), CS-75 (4') (880-19118-75), CS-76 (4') (880-19118-76), SW-1 (880-19118-77), SW-2 (880-19118-78), SW-3 (880-19118-79), SW-4 (880-19118-80), SW-5 (880-19118-81), SW-6 (880-19118-82), SW-7 (880-19118-83), SW-8 (880-19118-84), SW-9 (880-19118-85), SW-10 (880-19118-86), SW-11 (880-19118-87) and (880-19118-A-71-F MS)

Method 8260D: The following samples were diluted due to it being small pebbles: (860-33155-C-1-A) and (860-33155-C-1-A MS). Elevated reporting limits (RL) are provided. Sample prepped with methanol from a bulk jar.

Method 8260D: Sample received in a bulk jar. CS-1 (4') (880-19118-1), CS-2 (4') (880-19118-2), CS-3 (4') (880-19118-3), CS-4 (4') (880-19118-4), CS-6 (4') (880-19118-6), CS-7 (4') (880-19118-7), CS-8 (4') (880-19118-8), CS-9 (4') (880-19118-9), CS-10 (4') (880-19118-10), CS-11 (4') (880-19118-11), CS-12 (4') (880-19118-12), CS-13 (4') (880-19118-13), CS-14 (4') (880-19118-14), CS-15 (4') (880-19118-15), CS-16 (4') (880-19118-16), CS-17 (4') (880-19118-17) and CS-18 (4') (880-19118-18)

Method 8260D: Internal standard (ISTD) response for 1,4-Dichlorobenzene-d4 for the following samples in analytical batch 860-69235 was outside acceptance criteria: CS-14 (4') (880-19118-14) and CS-15 (4') (880-19118-15). This ISTD does not correspond to any of the requested target compounds reported from this analytical batch; therefore, the data have been reported.

Method 8260D: Sample received in a bulk jar. CS-20 (4') (880-19118-20), CS-21 (4') (880-19118-21), CS-30 (4') (880-19118-30), CS-32 (4') (880-19118-32), CS-33 (4') (880-19118-33), CS-34 (4') (880-19118-34), CS-35 (4') (880-19118-35), CS-36 (4') (880-19118-36), CS-37 (4') (880-19118-37), CS-38 (4') (880-19118-38) and CS-39 (4') (880-19118-39)

Method 8260D: The following samples were diluted due to it being a catalyst: (860-32937-A-3-C) and (860-32937-A-3-C MS). Elevated reporting limits (RL) are provided. Sample prepped with methanol from a bulk jar.

Method 8260D: The following samples were diluted due to it being an oil: (860-33156-C-1-A) and (860-33156-C-1-A MS). Elevated reporting limits (RL) are provided. Sample prepped with methanol from a bulk jar.

Method 8260D: Sample received in a bulk jar. CS-40 (4') (880-19118-40), CS-41 (4') (880-19118-41), CS-42 (4') (880-19118-42), CS-43

Case Narrative

Client: NT Global
Project/Site: South Vacuum Unit 351

Job ID: 880-19118-1
SDG: Lea Co, NM

Job ID: 880-19118-1 (Continued)**Laboratory: Eurofins Midland (Continued)**

(4') (880-19118-43), CS-46 (4') (880-19118-46) and CS-47 (4') (880-19118-47)

Method 8260D: Sample is a bulk jar. CS-5 (4') (880-19118-5), CS-44 (4') (880-19118-44), CS-45 (4') (880-19118-45), SW-12 (880-19118-88), SW-13 (880-19118-89), SW-14 (880-19118-90), SW-15 (880-19118-91), SW-16 (880-19118-92), SW-17 (880-19118-93), SW-18 (880-19118-94), SW-19 (880-19118-95) and (880-19118-A-88-D MS)

Method 8260D: The following samples were diluted due to the nature of the sample matrix: (860-33231-C-4-A) and (860-33231-C-4-A MS). Elevated reporting limits (RLs) are provided. Reported from methanol vial.

Method 8260D: Sample received in a bulk jar. CS-19 (4') (880-19118-19) and CS-31 (4') (880-19118-31)

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-8 (4') (880-19118-8) and CS-10 (4') (880-19118-10). Evidence of matrix interferences is not obvious.

Method 8015MOD_NM: The RPD of the laboratory control sample (LCS) and laboratory control sample duplicate (LCSD) for preparation batch 880-34486 and analytical batch 880-34544 recovered outside control limits for the following analytes: Gasoline Range Organics (GRO)-C6-C10.

Method 8015MOD_NM: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-34506 and analytical batch 880-34544 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

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

HPLC/IC

Method 300_ORGFM_28D: The matrix spike / matrix spike duplicate (MS/MSD) recoveries and precision for preparation batch 880-34374 and analytical batch 880-34580 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 Vacuum Unit 351

Job ID: 880-19118-1
SDG: Lea Co, NM

Client Sample ID: CS-1 (4')

Lab Sample ID: 880-19118-1

Date Collected: 09/12/22 00:00

Matrix: Solid

Date Received: 09/12/22 16:07

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000990	U	0.000990		mg/Kg		09/15/22 15:24	09/15/22 15:44	1
Toluene	<0.00495	U	0.00495		mg/Kg		09/15/22 15:24	09/15/22 15:44	1
Ethylbenzene	<0.000990	U	0.000990		mg/Kg		09/15/22 15:24	09/15/22 15:44	1
m,p-Xylenes	<0.00198	U	0.00198		mg/Kg		09/15/22 15:24	09/15/22 15:44	1
o-Xylene	<0.000990	U	0.000990		mg/Kg		09/15/22 15:24	09/15/22 15:44	1
Xylenes, Total	<0.00198	U	0.00198		mg/Kg		09/15/22 15:24	09/15/22 15:44	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	105		56 - 150	09/15/22 15:24	09/15/22 15:44	1
4-Bromofluorobenzene (Surr)	116		68 - 152	09/15/22 15:24	09/15/22 15:44	1
Dibromofluoromethane (Surr)	87		53 - 142	09/15/22 15:24	09/15/22 15:44	1
Toluene-d8 (Surr)	108		70 - 130	09/15/22 15:24	09/15/22 15:44	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00198	U	0.00198		mg/Kg			09/19/22 14:18	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	62.5		49.9		mg/Kg			09/16/22 08:42	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		09/14/22 09:36	09/15/22 11:33	1
Diesel Range Organics (Over C10-C28)	62.5		49.9		mg/Kg		09/14/22 09:36	09/15/22 11:33	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		09/14/22 09:36	09/15/22 11:33	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	117		70 - 130	09/14/22 09:36	09/15/22 11:33	1
o-Terphenyl	113		70 - 130	09/14/22 09:36	09/15/22 11:33	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1660		25.1		mg/Kg			09/15/22 21:50	5

Client Sample ID: CS-2 (4')

Lab Sample ID: 880-19118-2

Date Collected: 09/12/22 00:00

Matrix: Solid

Date Received: 09/12/22 16:07

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00101	U	0.00101		mg/Kg		09/15/22 15:24	09/15/22 16:07	1
Toluene	<0.00505	U	0.00505		mg/Kg		09/15/22 15:24	09/15/22 16:07	1
Ethylbenzene	<0.00101	U	0.00101		mg/Kg		09/15/22 15:24	09/15/22 16:07	1
m,p-Xylenes	<0.00202	U	0.00202		mg/Kg		09/15/22 15:24	09/15/22 16:07	1
o-Xylene	<0.00101	U	0.00101		mg/Kg		09/15/22 15:24	09/15/22 16:07	1
Xylenes, Total	<0.00202	U	0.00202		mg/Kg		09/15/22 15:24	09/15/22 16:07	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	102		56 - 150	09/15/22 15:24	09/15/22 16:07	1

Eurofins Midland

Client Sample Results

Client: NT Global
Project/Site: South Vaccum Unit 351

Job ID: 880-19118-1
SDG: Lea Co, NM

Client Sample ID: CS-2 (4')

Lab Sample ID: 880-19118-2

Date Collected: 09/12/22 00:00

Matrix: Solid

Date Received: 09/12/22 16:07

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	120		68 - 152	09/15/22 15:24	09/15/22 16:07	1
Dibromofluoromethane (Surr)	89		53 - 142	09/15/22 15:24	09/15/22 16:07	1
Toluene-d8 (Surr)	105		70 - 130	09/15/22 15:24	09/15/22 16:07	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00202	U	0.00202		mg/Kg			09/19/22 14:18	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	126		49.9		mg/Kg			09/16/22 08:42	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		09/14/22 09:36	09/15/22 11:55	1
Diesel Range Organics (Over C10-C28)	126		49.9		mg/Kg		09/14/22 09:36	09/15/22 11:55	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		09/14/22 09:36	09/15/22 11:55	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	127		70 - 130				09/14/22 09:36	09/15/22 11:55	1
o-Terphenyl	119		70 - 130				09/14/22 09:36	09/15/22 11:55	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1560		25.1		mg/Kg			09/15/22 22:13	5

Client Sample ID: CS-3 (4')

Lab Sample ID: 880-19118-3

Date Collected: 09/12/22 00:00

Matrix: Solid

Date Received: 09/12/22 16:07

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00100	U	0.00100		mg/Kg		09/15/22 15:24	09/15/22 16:30	1
Toluene	<0.00501	U	0.00501		mg/Kg		09/15/22 15:24	09/15/22 16:30	1
Ethylbenzene	<0.00100	U	0.00100		mg/Kg		09/15/22 15:24	09/15/22 16:30	1
m,p-Xylenes	<0.00200	U	0.00200		mg/Kg		09/15/22 15:24	09/15/22 16:30	1
o-Xylene	<0.00100	U	0.00100		mg/Kg		09/15/22 15:24	09/15/22 16:30	1
Xylenes, Total	<0.00200	U	0.00200		mg/Kg		09/15/22 15:24	09/15/22 16:30	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	107		56 - 150				09/15/22 15:24	09/15/22 16:30	1
4-Bromofluorobenzene (Surr)	109		68 - 152				09/15/22 15:24	09/15/22 16:30	1
Dibromofluoromethane (Surr)	88		53 - 142				09/15/22 15:24	09/15/22 16:30	1
Toluene-d8 (Surr)	104		70 - 130				09/15/22 15:24	09/15/22 16:30	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00200	U	0.00200		mg/Kg			09/19/22 14:18	1

Eurofins Midland

Client Sample Results

Client: NT Global
Project/Site: South Vacuum Unit 351

Job ID: 880-19118-1
SDG: Lea Co, NM

Client Sample ID: CS-3 (4')

Lab Sample ID: 880-19118-3

Date Collected: 09/12/22 00:00

Matrix: Solid

Date Received: 09/12/22 16:07

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			09/16/22 08:42	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		09/14/22 09:36	09/15/22 12:16	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		09/14/22 09:36	09/15/22 12:16	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		09/14/22 09:36	09/15/22 12:16	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	118		70 - 130				09/14/22 09:36	09/15/22 12:16	1
o-Terphenyl	114		70 - 130				09/14/22 09:36	09/15/22 12:16	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1100		25.3		mg/Kg			09/15/22 22:20	5

Client Sample ID: CS-4 (4')

Lab Sample ID: 880-19118-4

Date Collected: 09/12/22 00:00

Matrix: Solid

Date Received: 09/12/22 16:07

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00101	U	0.00101		mg/Kg		09/15/22 15:24	09/15/22 16:54	1
Toluene	<0.00505	U	0.00505		mg/Kg		09/15/22 15:24	09/15/22 16:54	1
Ethylbenzene	<0.00101	U	0.00101		mg/Kg		09/15/22 15:24	09/15/22 16:54	1
m,p-Xylenes	<0.00202	U	0.00202		mg/Kg		09/15/22 15:24	09/15/22 16:54	1
o-Xylene	<0.00101	U	0.00101		mg/Kg		09/15/22 15:24	09/15/22 16:54	1
Xylenes, Total	<0.00202	U	0.00202		mg/Kg		09/15/22 15:24	09/15/22 16:54	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	105		56 - 150				09/15/22 15:24	09/15/22 16:54	1
4-Bromofluorobenzene (Surr)	111		68 - 152				09/15/22 15:24	09/15/22 16:54	1
Dibromofluoromethane (Surr)	88		53 - 142				09/15/22 15:24	09/15/22 16:54	1
Toluene-d8 (Surr)	106		70 - 130				09/15/22 15:24	09/15/22 16:54	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00202	U	0.00202		mg/Kg			09/19/22 14:18	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	185		49.9		mg/Kg			09/16/22 08:42	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		09/14/22 09:36	09/15/22 12:37	1
Diesel Range Organics (Over C10-C28)	185		49.9		mg/Kg		09/14/22 09:36	09/15/22 12:37	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		09/14/22 09:36	09/15/22 12:37	1

Eurofins Midland

Client Sample Results

Client: NT Global
Project/Site: South Vaccum Unit 351

Job ID: 880-19118-1
SDG: Lea Co, NM

Client Sample ID: CS-4 (4')

Lab Sample ID: 880-19118-4

Date Collected: 09/12/22 00:00

Matrix: Solid

Date Received: 09/12/22 16:07

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	116		70 - 130	09/14/22 09:36	09/15/22 12:37	1
o-Terphenyl	112		70 - 130	09/14/22 09:36	09/15/22 12:37	1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1950		25.0		mg/Kg			09/15/22 22:28	5

Method: 300.0 - Anions, Ion Chromatography - Soluble

Client Sample ID: CS-5 (4')

Lab Sample ID: 880-19118-5

Date Collected: 09/12/22 00:00

Matrix: Solid

Date Received: 09/12/22 16:07

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00101	U	0.00101		mg/Kg		09/15/22 15:24	09/16/22 17:29	1
Toluene	<0.00505	U	0.00505		mg/Kg		09/15/22 15:24	09/16/22 17:29	1
Ethylbenzene	<0.00101	U	0.00101		mg/Kg		09/15/22 15:24	09/16/22 17:29	1
m,p-Xylenes	<0.00202	U	0.00202		mg/Kg		09/15/22 15:24	09/16/22 17:29	1
o-Xylene	<0.00101	U	0.00101		mg/Kg		09/15/22 15:24	09/16/22 17:29	1
Xylenes, Total	<0.00202	U	0.00202		mg/Kg		09/15/22 15:24	09/16/22 17:29	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	102		56 - 150	09/15/22 15:24	09/16/22 17:29	1
4-Bromofluorobenzene (Surr)	98		68 - 152	09/15/22 15:24	09/16/22 17:29	1
Dibromofluoromethane (Surr)	100		53 - 142	09/15/22 15:24	09/16/22 17:29	1
Toluene-d8 (Surr)	96		70 - 130	09/15/22 15:24	09/16/22 17:29	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00202	U	0.00202		mg/Kg			09/19/22 14:18	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	80.1		50.0		mg/Kg			09/16/22 08:42	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		09/14/22 09:36	09/15/22 12:59	1
Diesel Range Organics (Over C10-C28)	80.1		50.0		mg/Kg		09/14/22 09:36	09/15/22 12:59	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		09/14/22 09:36	09/15/22 12:59	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	118		70 - 130	09/14/22 09:36	09/15/22 12:59	1
o-Terphenyl	114		70 - 130	09/14/22 09:36	09/15/22 12:59	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1200		25.0		mg/Kg			09/15/22 22:35	5

Eurofins Midland

Client Sample Results

Client: NT Global
Project/Site: South Vacuum Unit 351

Job ID: 880-19118-1
SDG: Lea Co, NM

Client Sample ID: CS-6 (4')

Lab Sample ID: 880-19118-6

Date Collected: 09/12/22 00:00

Matrix: Solid

Date Received: 09/12/22 16:07

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00101	U	0.00101		mg/Kg		09/15/22 15:24	09/15/22 17:17	1
Toluene	<0.00504	U	0.00504		mg/Kg		09/15/22 15:24	09/15/22 17:17	1
Ethylbenzene	<0.00101	U	0.00101		mg/Kg		09/15/22 15:24	09/15/22 17:17	1
m,p-Xylenes	<0.00202	U	0.00202		mg/Kg		09/15/22 15:24	09/15/22 17:17	1
o-Xylene	<0.00101	U	0.00101		mg/Kg		09/15/22 15:24	09/15/22 17:17	1
Xylenes, Total	<0.00202	U	0.00202		mg/Kg		09/15/22 15:24	09/15/22 17:17	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	111		56 - 150	09/15/22 15:24	09/15/22 17:17	1
4-Bromofluorobenzene (Surr)	110		68 - 152	09/15/22 15:24	09/15/22 17:17	1
Dibromofluoromethane (Surr)	86		53 - 142	09/15/22 15:24	09/15/22 17:17	1
Toluene-d8 (Surr)	103		70 - 130	09/15/22 15:24	09/15/22 17:17	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00202	U	0.00202		mg/Kg			09/19/22 14:18	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			09/16/22 08:42	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		09/14/22 09:36	09/15/22 10:29	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		09/14/22 09:36	09/15/22 10:29	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		09/14/22 09:36	09/15/22 10:29	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	106		70 - 130				09/14/22 09:36	09/15/22 10:29	1
o-Terphenyl	98		70 - 130				09/14/22 09:36	09/15/22 10:29	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1390		25.0		mg/Kg			09/15/22 22:57	5

Client Sample ID: CS-7 (4')

Lab Sample ID: 880-19118-7

Date Collected: 09/12/22 00:00

Matrix: Solid

Date Received: 09/12/22 16:07

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00100	U	0.00100		mg/Kg		09/15/22 15:24	09/15/22 17:41	1
Toluene	<0.00502	U	0.00502		mg/Kg		09/15/22 15:24	09/15/22 17:41	1
Ethylbenzene	<0.00100	U	0.00100		mg/Kg		09/15/22 15:24	09/15/22 17:41	1
m,p-Xylenes	<0.00201	U	0.00201		mg/Kg		09/15/22 15:24	09/15/22 17:41	1
o-Xylene	<0.00100	U	0.00100		mg/Kg		09/15/22 15:24	09/15/22 17:41	1
Xylenes, Total	<0.00201	U	0.00201		mg/Kg		09/15/22 15:24	09/15/22 17:41	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	104		56 - 150	09/15/22 15:24	09/15/22 17:41	1

Eurofins Midland

Client Sample Results

Client: NT Global
Project/Site: South Vaccum Unit 351

Job ID: 880-19118-1
SDG: Lea Co, NM

Client Sample ID: CS-7 (4')

Lab Sample ID: 880-19118-7

Date Collected: 09/12/22 00:00

Matrix: Solid

Date Received: 09/12/22 16:07

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	114		68 - 152	09/15/22 15:24	09/15/22 17:41	1
Dibromofluoromethane (Surr)	92		53 - 142	09/15/22 15:24	09/15/22 17:41	1
Toluene-d8 (Surr)	103		70 - 130	09/15/22 15:24	09/15/22 17:41	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00201	U	0.00201		mg/Kg			09/19/22 14:18	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			09/16/22 08:42	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		09/14/22 09:36	09/15/22 13:20	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		09/14/22 09:36	09/15/22 13:20	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		09/14/22 09:36	09/15/22 13:20	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	129		70 - 130				09/14/22 09:36	09/15/22 13:20	1
o-Terphenyl	126		70 - 130				09/14/22 09:36	09/15/22 13:20	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	120		4.96		mg/Kg			09/15/22 23:05	1

Client Sample ID: CS-8 (4')

Lab Sample ID: 880-19118-8

Date Collected: 09/12/22 00:00

Matrix: Solid

Date Received: 09/12/22 16:07

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00101	U	0.00101		mg/Kg		09/15/22 15:24	09/15/22 18:04	1
Toluene	<0.00505	U	0.00505		mg/Kg		09/15/22 15:24	09/15/22 18:04	1
Ethylbenzene	<0.00101	U	0.00101		mg/Kg		09/15/22 15:24	09/15/22 18:04	1
m,p-Xylenes	<0.00202	U	0.00202		mg/Kg		09/15/22 15:24	09/15/22 18:04	1
o-Xylene	<0.00101	U	0.00101		mg/Kg		09/15/22 15:24	09/15/22 18:04	1
Xylenes, Total	<0.00202	U	0.00202		mg/Kg		09/15/22 15:24	09/15/22 18:04	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	105		56 - 150				09/15/22 15:24	09/15/22 18:04	1
4-Bromofluorobenzene (Surr)	109		68 - 152				09/15/22 15:24	09/15/22 18:04	1
Dibromofluoromethane (Surr)	87		53 - 142				09/15/22 15:24	09/15/22 18:04	1
Toluene-d8 (Surr)	103		70 - 130				09/15/22 15:24	09/15/22 18:04	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00202	U	0.00202		mg/Kg			09/19/22 14:18	1

Eurofins Midland

Client Sample Results

Client: NT Global
Project/Site: South Vacuum Unit 351

Job ID: 880-19118-1
SDG: Lea Co, NM

Client Sample ID: CS-8 (4')

Lab Sample ID: 880-19118-8

Date Collected: 09/12/22 00:00

Matrix: Solid

Date Received: 09/12/22 16:07

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			09/16/22 08:42	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		09/14/22 09:36	09/15/22 13:42	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		09/14/22 09:36	09/15/22 13:42	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		09/14/22 09:36	09/15/22 13:42	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	149	S1+	70 - 130				09/14/22 09:36	09/15/22 13:42	1
o-Terphenyl	138	S1+	70 - 130				09/14/22 09:36	09/15/22 13:42	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1080		24.9		mg/Kg			09/15/22 23:12	5

Client Sample ID: CS-9 (4')

Lab Sample ID: 880-19118-9

Date Collected: 09/12/22 00:00

Matrix: Solid

Date Received: 09/12/22 16:07

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00100	U	0.00100		mg/Kg		09/15/22 15:24	09/15/22 18:27	1
Toluene	<0.00500	U	0.00500		mg/Kg		09/15/22 15:24	09/15/22 18:27	1
Ethylbenzene	<0.00100	U	0.00100		mg/Kg		09/15/22 15:24	09/15/22 18:27	1
m,p-Xylenes	<0.00200	U	0.00200		mg/Kg		09/15/22 15:24	09/15/22 18:27	1
o-Xylene	<0.00100	U	0.00100		mg/Kg		09/15/22 15:24	09/15/22 18:27	1
Xylenes, Total	<0.00200	U	0.00200		mg/Kg		09/15/22 15:24	09/15/22 18:27	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	103		56 - 150				09/15/22 15:24	09/15/22 18:27	1
4-Bromofluorobenzene (Surr)	108		68 - 152				09/15/22 15:24	09/15/22 18:27	1
Dibromofluoromethane (Surr)	91		53 - 142				09/15/22 15:24	09/15/22 18:27	1
Toluene-d8 (Surr)	104		70 - 130				09/15/22 15:24	09/15/22 18:27	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00200	U	0.00200		mg/Kg			09/19/22 14:18	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			09/16/22 08:42	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		09/14/22 09:36	09/15/22 14:03	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		09/14/22 09:36	09/15/22 14:03	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		09/14/22 09:36	09/15/22 14:03	1

Eurofins Midland

Client Sample Results

Client: NT Global
Project/Site: South Vaccum Unit 351

Job ID: 880-19118-1
SDG: Lea Co, NM

Client Sample ID: CS-9 (4')

Lab Sample ID: 880-19118-9

Date Collected: 09/12/22 00:00

Matrix: Solid

Date Received: 09/12/22 16:07

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	112		70 - 130	09/14/22 09:36	09/15/22 14:03	1
o-Terphenyl	107		70 - 130	09/14/22 09:36	09/15/22 14:03	1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	82.9		5.04		mg/Kg			09/15/22 23:20	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Client Sample ID: CS-10 (4')

Lab Sample ID: 880-19118-10

Date Collected: 09/12/22 00:00

Matrix: Solid

Date Received: 09/12/22 16:07

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00101	U	0.00101		mg/Kg		09/15/22 15:24	09/15/22 18:51	1
Toluene	<0.00505	U	0.00505		mg/Kg		09/15/22 15:24	09/15/22 18:51	1
Ethylbenzene	<0.00101	U	0.00101		mg/Kg		09/15/22 15:24	09/15/22 18:51	1
m,p-Xylenes	<0.00202	U	0.00202		mg/Kg		09/15/22 15:24	09/15/22 18:51	1
o-Xylene	<0.00101	U	0.00101		mg/Kg		09/15/22 15:24	09/15/22 18:51	1
Xylenes, Total	<0.00202	U	0.00202		mg/Kg		09/15/22 15:24	09/15/22 18:51	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	106		56 - 150	09/15/22 15:24	09/15/22 18:51	1
4-Bromofluorobenzene (Surr)	102		68 - 152	09/15/22 15:24	09/15/22 18:51	1
Dibromofluoromethane (Surr)	88		53 - 142	09/15/22 15:24	09/15/22 18:51	1
Toluene-d8 (Surr)	99		70 - 130	09/15/22 15:24	09/15/22 18:51	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00202	U	0.00202		mg/Kg			09/19/22 14:18	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			09/16/22 08:42	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		09/14/22 09:36	09/15/22 14:25	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		09/14/22 09:36	09/15/22 14:25	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		09/14/22 09:36	09/15/22 14:25	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	131	S1+	70 - 130	09/14/22 09:36	09/15/22 14:25	1
o-Terphenyl	123		70 - 130	09/14/22 09:36	09/15/22 14:25	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	35.1		5.03		mg/Kg			09/15/22 23:27	1

Eurofins Midland

Client Sample Results

Client: NT Global
Project/Site: South Vacuum Unit 351

Job ID: 880-19118-1
SDG: Lea Co, NM

Client Sample ID: CS-11 (4')

Lab Sample ID: 880-19118-11

Date Collected: 09/12/22 00:00

Matrix: Solid

Date Received: 09/12/22 16:07

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000990	U	0.000990		mg/Kg		09/15/22 15:24	09/15/22 19:14	1
Toluene	<0.00495	U	0.00495		mg/Kg		09/15/22 15:24	09/15/22 19:14	1
Ethylbenzene	<0.000990	U	0.000990		mg/Kg		09/15/22 15:24	09/15/22 19:14	1
m,p-Xylenes	<0.00198	U	0.00198		mg/Kg		09/15/22 15:24	09/15/22 19:14	1
o-Xylene	<0.000990	U	0.000990		mg/Kg		09/15/22 15:24	09/15/22 19:14	1
Xylenes, Total	<0.00198	U	0.00198		mg/Kg		09/15/22 15:24	09/15/22 19:14	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	97		56 - 150	09/15/22 15:24	09/15/22 19:14	1
4-Bromofluorobenzene (Surr)	106		68 - 152	09/15/22 15:24	09/15/22 19:14	1
Dibromofluoromethane (Surr)	88		53 - 142	09/15/22 15:24	09/15/22 19:14	1
Toluene-d8 (Surr)	100		70 - 130	09/15/22 15:24	09/15/22 19:14	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00198	U	0.00198		mg/Kg			09/19/22 14:18	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			09/16/22 08:42	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		09/14/22 09:36	09/15/22 15:08	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		09/14/22 09:36	09/15/22 15:08	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		09/14/22 09:36	09/15/22 15:08	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	103		70 - 130				09/14/22 09:36	09/15/22 15:08	1
o-Terphenyl	100		70 - 130				09/14/22 09:36	09/15/22 15:08	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	5050		50.0		mg/Kg			09/15/22 23:35	10

Client Sample ID: CS-12 (4')

Lab Sample ID: 880-19118-12

Date Collected: 09/12/22 00:00

Matrix: Solid

Date Received: 09/12/22 16:07

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000998	U	0.000998		mg/Kg		09/15/22 15:24	09/15/22 19:37	1
Toluene	<0.00499	U	0.00499		mg/Kg		09/15/22 15:24	09/15/22 19:37	1
Ethylbenzene	<0.000998	U	0.000998		mg/Kg		09/15/22 15:24	09/15/22 19:37	1
m,p-Xylenes	<0.00200	U	0.00200		mg/Kg		09/15/22 15:24	09/15/22 19:37	1
o-Xylene	<0.000998	U	0.000998		mg/Kg		09/15/22 15:24	09/15/22 19:37	1
Xylenes, Total	<0.00200	U	0.00200		mg/Kg		09/15/22 15:24	09/15/22 19:37	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	96		56 - 150	09/15/22 15:24	09/15/22 19:37	1

Eurofins Midland

Client Sample Results

Client: NT Global
Project/Site: South Vaccum Unit 351

Job ID: 880-19118-1
SDG: Lea Co, NM

Client Sample ID: CS-12 (4')

Lab Sample ID: 880-19118-12

Date Collected: 09/12/22 00:00

Matrix: Solid

Date Received: 09/12/22 16:07

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	107		68 - 152	09/15/22 15:24	09/15/22 19:37	1
Dibromofluoromethane (Surr)	89		53 - 142	09/15/22 15:24	09/15/22 19:37	1
Toluene-d8 (Surr)	99		70 - 130	09/15/22 15:24	09/15/22 19:37	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00200	U	0.00200		mg/Kg			09/19/22 14:18	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			09/16/22 08:42	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		09/14/22 09:36	09/15/22 15:29	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		09/14/22 09:36	09/15/22 15:29	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		09/14/22 09:36	09/15/22 15:29	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	108		70 - 130				09/14/22 09:36	09/15/22 15:29	1
o-Terphenyl	105		70 - 130				09/14/22 09:36	09/15/22 15:29	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	4470		49.7		mg/Kg			09/15/22 23:57	10

Client Sample ID: CS-13 (4')

Lab Sample ID: 880-19118-13

Date Collected: 09/12/22 00:00

Matrix: Solid

Date Received: 09/12/22 16:07

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00102	U	0.00102		mg/Kg		09/15/22 15:24	09/15/22 20:01	1
Toluene	<0.00509	U	0.00509		mg/Kg		09/15/22 15:24	09/15/22 20:01	1
Ethylbenzene	<0.00102	U	0.00102		mg/Kg		09/15/22 15:24	09/15/22 20:01	1
m,p-Xylenes	<0.00204	U	0.00204		mg/Kg		09/15/22 15:24	09/15/22 20:01	1
o-Xylene	<0.00102	U	0.00102		mg/Kg		09/15/22 15:24	09/15/22 20:01	1
Xylenes, Total	<0.00204	U	0.00204		mg/Kg		09/15/22 15:24	09/15/22 20:01	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	106		56 - 150				09/15/22 15:24	09/15/22 20:01	1
4-Bromofluorobenzene (Surr)	110		68 - 152				09/15/22 15:24	09/15/22 20:01	1
Dibromofluoromethane (Surr)	91		53 - 142				09/15/22 15:24	09/15/22 20:01	1
Toluene-d8 (Surr)	97		70 - 130				09/15/22 15:24	09/15/22 20:01	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00204	U	0.00204		mg/Kg			09/19/22 14:18	1

Eurofins Midland

Client Sample Results

Client: NT Global
Project/Site: South Vacuum Unit 351

Job ID: 880-19118-1
SDG: Lea Co, NM

Client Sample ID: CS-13 (4')

Lab Sample ID: 880-19118-13

Date Collected: 09/12/22 00:00

Matrix: Solid

Date Received: 09/12/22 16:07

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			09/16/22 08:42	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		09/14/22 09:36	09/15/22 15:51	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		09/14/22 09:36	09/15/22 15:51	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		09/14/22 09:36	09/15/22 15:51	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	124		70 - 130				09/14/22 09:36	09/15/22 15:51	1
o-Terphenyl	113		70 - 130				09/14/22 09:36	09/15/22 15:51	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2470		25.0		mg/Kg			09/16/22 00:04	5

Client Sample ID: CS-14 (4')

Lab Sample ID: 880-19118-14

Date Collected: 09/12/22 00:00

Matrix: Solid

Date Received: 09/12/22 16:07

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00101	U	0.00101		mg/Kg		09/15/22 15:24	09/15/22 20:24	1
Toluene	<0.00504	U	0.00504		mg/Kg		09/15/22 15:24	09/15/22 20:24	1
Ethylbenzene	<0.00101	U	0.00101		mg/Kg		09/15/22 15:24	09/15/22 20:24	1
m,p-Xylenes	<0.00202	U	0.00202		mg/Kg		09/15/22 15:24	09/15/22 20:24	1
o-Xylene	<0.00101	U	0.00101		mg/Kg		09/15/22 15:24	09/15/22 20:24	1
Xylenes, Total	<0.00202	U	0.00202		mg/Kg		09/15/22 15:24	09/15/22 20:24	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	102		56 - 150				09/15/22 15:24	09/15/22 20:24	1
4-Bromofluorobenzene (Surr)	114	*3	68 - 152				09/15/22 15:24	09/15/22 20:24	1
Dibromofluoromethane (Surr)	89		53 - 142				09/15/22 15:24	09/15/22 20:24	1
Toluene-d8 (Surr)	104		70 - 130				09/15/22 15:24	09/15/22 20:24	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00202	U	0.00202		mg/Kg			09/19/22 14:18	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			09/16/22 08:42	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		09/14/22 09:36	09/15/22 16:13	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		09/14/22 09:36	09/15/22 16:13	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		09/14/22 09:36	09/15/22 16:13	1

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Client Sample Results

Client: NT Global
Project/Site: South Vacuum Unit 351

Job ID: 880-19118-1
SDG: Lea Co, NM

Client Sample ID: CS-14 (4')

Lab Sample ID: 880-19118-14

Date Collected: 09/12/22 00:00

Matrix: Solid

Date Received: 09/12/22 16:07

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	122		70 - 130	09/14/22 09:36	09/15/22 16:13	1
o-Terphenyl	108		70 - 130	09/14/22 09:36	09/15/22 16:13	1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1120		25.0		mg/Kg			09/16/22 00:27	5

Method: 300.0 - Anions, Ion Chromatography - Soluble

Client Sample ID: CS-15 (4')

Lab Sample ID: 880-19118-15

Date Collected: 09/12/22 00:00

Matrix: Solid

Date Received: 09/12/22 16:07

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00101	U	0.00101		mg/Kg		09/15/22 15:24	09/15/22 20:48	1
Toluene	<0.00503	U	0.00503		mg/Kg		09/15/22 15:24	09/15/22 20:48	1
Ethylbenzene	<0.00101	U	0.00101		mg/Kg		09/15/22 15:24	09/15/22 20:48	1
m,p-Xylenes	<0.00201	U	0.00201		mg/Kg		09/15/22 15:24	09/15/22 20:48	1
o-Xylene	<0.00101	U	0.00101		mg/Kg		09/15/22 15:24	09/15/22 20:48	1
Xylenes, Total	<0.00201	U	0.00201		mg/Kg		09/15/22 15:24	09/15/22 20:48	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	99		56 - 150	09/15/22 15:24	09/15/22 20:48	1
4-Bromofluorobenzene (Surr)	108	*3	68 - 152	09/15/22 15:24	09/15/22 20:48	1
Dibromofluoromethane (Surr)	90		53 - 142	09/15/22 15:24	09/15/22 20:48	1
Toluene-d8 (Surr)	104		70 - 130	09/15/22 15:24	09/15/22 20:48	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00201	U	0.00201		mg/Kg			09/19/22 14:18	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	814		49.9		mg/Kg			09/16/22 08:42	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		09/14/22 09:36	09/15/22 16:34	1
Diesel Range Organics (Over C10-C28)	814		49.9		mg/Kg		09/14/22 09:36	09/15/22 16:34	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		09/14/22 09:36	09/15/22 16:34	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	109		70 - 130	09/14/22 09:36	09/15/22 16:34	1
o-Terphenyl	107		70 - 130	09/14/22 09:36	09/15/22 16:34	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2460		25.2		mg/Kg			09/16/22 00:34	5

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Client Sample Results

Client: NT Global
Project/Site: South Vacuum Unit 351

Job ID: 880-19118-1
SDG: Lea Co, NM

Client Sample ID: CS-16 (4')

Lab Sample ID: 880-19118-16

Date Collected: 09/12/22 00:00

Matrix: Solid

Date Received: 09/12/22 16:07

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000990	U	0.000990		mg/Kg		09/15/22 15:24	09/15/22 21:11	1
Toluene	<0.00495	U	0.00495		mg/Kg		09/15/22 15:24	09/15/22 21:11	1
Ethylbenzene	<0.000990	U	0.000990		mg/Kg		09/15/22 15:24	09/15/22 21:11	1
m,p-Xylenes	<0.00198	U	0.00198		mg/Kg		09/15/22 15:24	09/15/22 21:11	1
o-Xylene	<0.000990	U	0.000990		mg/Kg		09/15/22 15:24	09/15/22 21:11	1
Xylenes, Total	<0.00198	U	0.00198		mg/Kg		09/15/22 15:24	09/15/22 21:11	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	107		56 - 150	09/15/22 15:24	09/15/22 21:11	1
4-Bromofluorobenzene (Surr)	102		68 - 152	09/15/22 15:24	09/15/22 21:11	1
Dibromofluoromethane (Surr)	90		53 - 142	09/15/22 15:24	09/15/22 21:11	1
Toluene-d8 (Surr)	102		70 - 130	09/15/22 15:24	09/15/22 21:11	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00198	U	0.00198		mg/Kg			09/19/22 14:18	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	103		50.0		mg/Kg			09/16/22 08:42	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		09/14/22 09:36	09/15/22 16:56	1
Diesel Range Organics (Over C10-C28)	103		50.0		mg/Kg		09/14/22 09:36	09/15/22 16:56	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		09/14/22 09:36	09/15/22 16:56	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	107		70 - 130	09/14/22 09:36	09/15/22 16:56	1
o-Terphenyl	103		70 - 130	09/14/22 09:36	09/15/22 16:56	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3600		25.2		mg/Kg			09/16/22 00:42	5

Client Sample ID: CS-17 (4')

Lab Sample ID: 880-19118-17

Date Collected: 09/12/22 00:00

Matrix: Solid

Date Received: 09/12/22 16:07

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000994	U	0.000994		mg/Kg		09/15/22 15:24	09/15/22 21:35	1
Toluene	<0.00497	U	0.00497		mg/Kg		09/15/22 15:24	09/15/22 21:35	1
Ethylbenzene	<0.000994	U	0.000994		mg/Kg		09/15/22 15:24	09/15/22 21:35	1
m,p-Xylenes	<0.00199	U	0.00199		mg/Kg		09/15/22 15:24	09/15/22 21:35	1
o-Xylene	<0.000994	U	0.000994		mg/Kg		09/15/22 15:24	09/15/22 21:35	1
Xylenes, Total	<0.00199	U	0.00199		mg/Kg		09/15/22 15:24	09/15/22 21:35	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	104		56 - 150	09/15/22 15:24	09/15/22 21:35	1

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Client Sample Results

Client: NT Global
Project/Site: South Vaccum Unit 351

Job ID: 880-19118-1
SDG: Lea Co, NM

Client Sample ID: CS-17 (4')

Lab Sample ID: 880-19118-17

Date Collected: 09/12/22 00:00

Matrix: Solid

Date Received: 09/12/22 16:07

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	110		68 - 152	09/15/22 15:24	09/15/22 21:35	1
Dibromofluoromethane (Surr)	86		53 - 142	09/15/22 15:24	09/15/22 21:35	1
Toluene-d8 (Surr)	102		70 - 130	09/15/22 15:24	09/15/22 21:35	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00199	U	0.00199		mg/Kg			09/19/22 14:18	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			09/16/22 08:42	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		09/14/22 09:36	09/15/22 17:17	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		09/14/22 09:36	09/15/22 17:17	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		09/14/22 09:36	09/15/22 17:17	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	130		70 - 130				09/14/22 09:36	09/15/22 17:17	1
o-Terphenyl	120		70 - 130				09/14/22 09:36	09/15/22 17:17	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3010		25.0		mg/Kg			09/16/22 00:49	5

Client Sample ID: CS-18 (4')

Lab Sample ID: 880-19118-18

Date Collected: 09/12/22 00:00

Matrix: Solid

Date Received: 09/12/22 16:07

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000990	U	0.000990		mg/Kg		09/15/22 15:24	09/15/22 21:58	1
Toluene	<0.00495	U	0.00495		mg/Kg		09/15/22 15:24	09/15/22 21:58	1
Ethylbenzene	<0.000990	U	0.000990		mg/Kg		09/15/22 15:24	09/15/22 21:58	1
m,p-Xylenes	<0.00198	U	0.00198		mg/Kg		09/15/22 15:24	09/15/22 21:58	1
o-Xylene	<0.000990	U	0.000990		mg/Kg		09/15/22 15:24	09/15/22 21:58	1
Xylenes, Total	<0.00198	U	0.00198		mg/Kg		09/15/22 15:24	09/15/22 21:58	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	101		56 - 150				09/15/22 15:24	09/15/22 21:58	1
4-Bromofluorobenzene (Surr)	102		68 - 152				09/15/22 15:24	09/15/22 21:58	1
Dibromofluoromethane (Surr)	92		53 - 142				09/15/22 15:24	09/15/22 21:58	1
Toluene-d8 (Surr)	101		70 - 130				09/15/22 15:24	09/15/22 21:58	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00198	U	0.00198		mg/Kg			09/19/22 14:18	1

Eurofins Midland

Client Sample Results

Client: NT Global
Project/Site: South Vacuum Unit 351

Job ID: 880-19118-1
SDG: Lea Co, NM

Client Sample ID: CS-18 (4')

Lab Sample ID: 880-19118-18

Date Collected: 09/12/22 00:00

Matrix: Solid

Date Received: 09/12/22 16:07

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			09/16/22 08:42	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		09/14/22 09:36	09/15/22 17:38	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		09/14/22 09:36	09/15/22 17:38	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		09/14/22 09:36	09/15/22 17:38	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	109		70 - 130				09/14/22 09:36	09/15/22 17:38	1
o-Terphenyl	108		70 - 130				09/14/22 09:36	09/15/22 17:38	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	219		4.99		mg/Kg			09/16/22 00:57	1

Client Sample ID: CS-19 (4')

Lab Sample ID: 880-19118-19

Date Collected: 09/12/22 00:00

Matrix: Solid

Date Received: 09/12/22 16:07

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00101	U	0.00101		mg/Kg		09/19/22 12:39	09/19/22 13:19	1
Toluene	<0.00505	U	0.00505		mg/Kg		09/19/22 12:39	09/19/22 13:19	1
Ethylbenzene	<0.00101	U	0.00101		mg/Kg		09/19/22 12:39	09/19/22 13:19	1
m,p-Xylenes	<0.00202	U	0.00202		mg/Kg		09/19/22 12:39	09/19/22 13:19	1
o-Xylene	<0.00101	U	0.00101		mg/Kg		09/19/22 12:39	09/19/22 13:19	1
Xylenes, Total	<0.00202	U	0.00202		mg/Kg		09/19/22 12:39	09/19/22 13:19	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	107		56 - 150				09/19/22 12:39	09/19/22 13:19	1
4-Bromofluorobenzene (Surr)	122		68 - 152				09/19/22 12:39	09/19/22 13:19	1
Dibromofluoromethane (Surr)	91		53 - 142				09/19/22 12:39	09/19/22 13:19	1
Toluene-d8 (Surr)	105		70 - 130				09/19/22 12:39	09/19/22 13:19	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00202	U	0.00202		mg/Kg			09/19/22 17:18	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			09/16/22 08:42	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		09/14/22 09:36	09/15/22 18:00	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		09/14/22 09:36	09/15/22 18:00	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		09/14/22 09:36	09/15/22 18:00	1

Eurofins Midland

Client Sample Results

Client: NT Global
Project/Site: South Vacuum Unit 351

Job ID: 880-19118-1
SDG: Lea Co, NM

Client Sample ID: CS-19 (4')

Lab Sample ID: 880-19118-19

Date Collected: 09/12/22 00:00

Matrix: Solid

Date Received: 09/12/22 16:07

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	107		70 - 130	09/14/22 09:36	09/15/22 18:00	1
o-Terphenyl	105		70 - 130	09/14/22 09:36	09/15/22 18:00	1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3390		24.9		mg/Kg			09/16/22 01:04	5

Method: 300.0 - Anions, Ion Chromatography - Soluble

Client Sample ID: CS-20 (4')

Lab Sample ID: 880-19118-20

Date Collected: 09/12/22 00:00

Matrix: Solid

Date Received: 09/12/22 16:07

Method: 8260D - Volatile Organic Compounds by GC/MS									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00101	U	0.00101		mg/Kg		09/16/22 17:49	09/16/22 19:40	1
Toluene	<0.00505	U	0.00505		mg/Kg		09/16/22 17:49	09/16/22 19:40	1
Ethylbenzene	<0.00101	U	0.00101		mg/Kg		09/16/22 17:49	09/16/22 19:40	1
m,p-Xylenes	<0.00202	U	0.00202		mg/Kg		09/16/22 17:49	09/16/22 19:40	1
o-Xylene	<0.00101	U	0.00101		mg/Kg		09/16/22 17:49	09/16/22 19:40	1
Xylenes, Total	<0.00202	U	0.00202		mg/Kg		09/16/22 17:49	09/16/22 19:40	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	113		56 - 150	09/16/22 17:49	09/16/22 19:40	1
4-Bromofluorobenzene (Surr)	114		68 - 152	09/16/22 17:49	09/16/22 19:40	1
Dibromofluoromethane (Surr)	87		53 - 142	09/16/22 17:49	09/16/22 19:40	1
Toluene-d8 (Surr)	106		70 - 130	09/16/22 17:49	09/16/22 19:40	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00202	U	0.00202		mg/Kg			09/19/22 14:18	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			09/16/22 08:42	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		09/14/22 09:36	09/15/22 18:22	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		09/14/22 09:36	09/15/22 18:22	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		09/14/22 09:36	09/15/22 18:22	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	104		70 - 130	09/14/22 09:36	09/15/22 18:22	1
o-Terphenyl	103		70 - 130	09/14/22 09:36	09/15/22 18:22	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2750		25.2		mg/Kg			09/16/22 01:12	5

Eurofins Midland

Client Sample Results

Client: NT Global
Project/Site: South Vacuum Unit 351

Job ID: 880-19118-1
SDG: Lea Co, NM

Client Sample ID: CS-21 (4')

Lab Sample ID: 880-19118-21

Date Collected: 09/12/22 00:00

Matrix: Solid

Date Received: 09/12/22 16:07

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000990	U	0.000990		mg/Kg		09/16/22 17:49	09/16/22 20:03	1
Toluene	<0.00495	U	0.00495		mg/Kg		09/16/22 17:49	09/16/22 20:03	1
Ethylbenzene	<0.000990	U	0.000990		mg/Kg		09/16/22 17:49	09/16/22 20:03	1
m,p-Xylenes	<0.00198	U	0.00198		mg/Kg		09/16/22 17:49	09/16/22 20:03	1
o-Xylene	<0.000990	U	0.000990		mg/Kg		09/16/22 17:49	09/16/22 20:03	1
Xylenes, Total	<0.00198	U	0.00198		mg/Kg		09/16/22 17:49	09/16/22 20:03	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	111		56 - 150	09/16/22 17:49	09/16/22 20:03	1
4-Bromofluorobenzene (Surr)	115		68 - 152	09/16/22 17:49	09/16/22 20:03	1
Dibromofluoromethane (Surr)	91		53 - 142	09/16/22 17:49	09/16/22 20:03	1
Toluene-d8 (Surr)	101		70 - 130	09/16/22 17:49	09/16/22 20:03	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00198	U	0.00198		mg/Kg			09/19/22 14:18	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			09/16/22 08:42	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U *1 F1	49.9		mg/Kg		09/14/22 09:39	09/15/22 10:29	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		09/14/22 09:39	09/15/22 10:29	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		09/14/22 09:39	09/15/22 10:29	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	101		70 - 130				09/14/22 09:39	09/15/22 10:29	1
o-Terphenyl	99		70 - 130				09/14/22 09:39	09/15/22 10:29	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2770		25.0		mg/Kg			09/16/22 03:29	5

Client Sample ID: CS-22 (4')

Lab Sample ID: 880-19118-22

Date Collected: 09/12/22 00:00

Matrix: Solid

Date Received: 09/12/22 16:07

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00101	U	0.00101		mg/Kg		09/15/22 15:24	09/15/22 18:27	1
Toluene	<0.00505	U	0.00505		mg/Kg		09/15/22 15:24	09/15/22 18:27	1
Ethylbenzene	<0.00101	U	0.00101		mg/Kg		09/15/22 15:24	09/15/22 18:27	1
m,p-Xylenes	<0.00202	U	0.00202		mg/Kg		09/15/22 15:24	09/15/22 18:27	1
o-Xylene	<0.00101	U	0.00101		mg/Kg		09/15/22 15:24	09/15/22 18:27	1
Xylenes, Total	<0.00202	U	0.00202		mg/Kg		09/15/22 15:24	09/15/22 18:27	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	105		56 - 150	09/15/22 15:24	09/15/22 18:27	1

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Client Sample Results

Client: NT Global
Project/Site: South Vaccum Unit 351

Job ID: 880-19118-1
SDG: Lea Co, NM

Client Sample ID: CS-22 (4')

Lab Sample ID: 880-19118-22

Date Collected: 09/12/22 00:00

Matrix: Solid

Date Received: 09/12/22 16:07

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	107		68 - 152	09/15/22 15:24	09/15/22 18:27	1
Dibromofluoromethane (Surr)	100		53 - 142	09/15/22 15:24	09/15/22 18:27	1
Toluene-d8 (Surr)	94		70 - 130	09/15/22 15:24	09/15/22 18:27	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00202	U	0.00202		mg/Kg			09/19/22 14:18	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			09/16/22 08:42	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U *1	49.9		mg/Kg		09/14/22 09:39	09/15/22 11:33	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		09/14/22 09:39	09/15/22 11:33	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		09/14/22 09:39	09/15/22 11:33	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	123		70 - 130				09/14/22 09:39	09/15/22 11:33	1
o-Terphenyl	122		70 - 130				09/14/22 09:39	09/15/22 11:33	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1060		25.2		mg/Kg			09/16/22 03:44	5

Client Sample ID: CS-23 (4')

Lab Sample ID: 880-19118-23

Date Collected: 09/12/22 00:00

Matrix: Solid

Date Received: 09/12/22 16:07

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00101	U	0.00101		mg/Kg		09/15/22 15:24	09/15/22 18:49	1
Toluene	<0.00504	U	0.00504		mg/Kg		09/15/22 15:24	09/15/22 18:49	1
Ethylbenzene	<0.00101	U	0.00101		mg/Kg		09/15/22 15:24	09/15/22 18:49	1
m,p-Xylenes	<0.00202	U	0.00202		mg/Kg		09/15/22 15:24	09/15/22 18:49	1
o-Xylene	<0.00101	U	0.00101		mg/Kg		09/15/22 15:24	09/15/22 18:49	1
Xylenes, Total	<0.00202	U	0.00202		mg/Kg		09/15/22 15:24	09/15/22 18:49	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	101		56 - 150				09/15/22 15:24	09/15/22 18:49	1
4-Bromofluorobenzene (Surr)	100		68 - 152				09/15/22 15:24	09/15/22 18:49	1
Dibromofluoromethane (Surr)	100		53 - 142				09/15/22 15:24	09/15/22 18:49	1
Toluene-d8 (Surr)	96		70 - 130				09/15/22 15:24	09/15/22 18:49	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00202	U	0.00202		mg/Kg			09/19/22 14:18	1

Eurofins Midland

Client Sample Results

Client: NT Global
Project/Site: South Vacuum Unit 351

Job ID: 880-19118-1
SDG: Lea Co, NM

Client Sample ID: CS-23 (4')

Lab Sample ID: 880-19118-23

Date Collected: 09/12/22 00:00

Matrix: Solid

Date Received: 09/12/22 16:07

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			09/16/22 08:42	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U *1	50.0		mg/Kg		09/14/22 09:39	09/15/22 11:55	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		09/14/22 09:39	09/15/22 11:55	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		09/14/22 09:39	09/15/22 11:55	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	109		70 - 130				09/14/22 09:39	09/15/22 11:55	1
o-Terphenyl	117		70 - 130				09/14/22 09:39	09/15/22 11:55	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3320		25.0		mg/Kg			09/16/22 03:49	5

Client Sample ID: CS-24 (4')

Lab Sample ID: 880-19118-24

Date Collected: 09/12/22 00:00

Matrix: Solid

Date Received: 09/12/22 16:07

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00100	U	0.00100		mg/Kg		09/15/22 15:24	09/15/22 19:12	1
Toluene	<0.00500	U	0.00500		mg/Kg		09/15/22 15:24	09/15/22 19:12	1
Ethylbenzene	<0.00100	U	0.00100		mg/Kg		09/15/22 15:24	09/15/22 19:12	1
m,p-Xylenes	<0.00200	U	0.00200		mg/Kg		09/15/22 15:24	09/15/22 19:12	1
o-Xylene	<0.00100	U	0.00100		mg/Kg		09/15/22 15:24	09/15/22 19:12	1
Xylenes, Total	<0.00200	U	0.00200		mg/Kg		09/15/22 15:24	09/15/22 19:12	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	112		56 - 150				09/15/22 15:24	09/15/22 19:12	1
4-Bromofluorobenzene (Surr)	106		68 - 152				09/15/22 15:24	09/15/22 19:12	1
Dibromofluoromethane (Surr)	104		53 - 142				09/15/22 15:24	09/15/22 19:12	1
Toluene-d8 (Surr)	95		70 - 130				09/15/22 15:24	09/15/22 19:12	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00200	U	0.00200		mg/Kg			09/19/22 14:18	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			09/16/22 08:42	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U *1	49.9		mg/Kg		09/14/22 09:39	09/15/22 12:16	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		09/14/22 09:39	09/15/22 12:16	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		09/14/22 09:39	09/15/22 12:16	1

Eurofins Midland

Client Sample Results

Client: NT Global
Project/Site: South Vaccum Unit 351

Job ID: 880-19118-1
SDG: Lea Co, NM

Client Sample ID: CS-24 (4')

Lab Sample ID: 880-19118-24

Date Collected: 09/12/22 00:00

Matrix: Solid

Date Received: 09/12/22 16:07

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	107		70 - 130	09/14/22 09:39	09/15/22 12:16	1
o-Terphenyl	111		70 - 130	09/14/22 09:39	09/15/22 12:16	1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	905		25.0		mg/Kg			09/16/22 03:54	5

Method: 300.0 - Anions, Ion Chromatography - Soluble

Client Sample ID: CS-25 (4')

Lab Sample ID: 880-19118-25

Date Collected: 09/12/22 00:00

Matrix: Solid

Date Received: 09/12/22 16:07

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000990	U	0.000990		mg/Kg		09/15/22 15:24	09/15/22 19:35	1
Toluene	<0.00495	U	0.00495		mg/Kg		09/15/22 15:24	09/15/22 19:35	1
Ethylbenzene	<0.000990	U	0.000990		mg/Kg		09/15/22 15:24	09/15/22 19:35	1
m,p-Xylenes	<0.00198	U	0.00198		mg/Kg		09/15/22 15:24	09/15/22 19:35	1
o-Xylene	<0.000990	U	0.000990		mg/Kg		09/15/22 15:24	09/15/22 19:35	1
Xylenes, Total	<0.00198	U	0.00198		mg/Kg		09/15/22 15:24	09/15/22 19:35	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	105		56 - 150	09/15/22 15:24	09/15/22 19:35	1
4-Bromofluorobenzene (Surr)	101		68 - 152	09/15/22 15:24	09/15/22 19:35	1
Dibromofluoromethane (Surr)	104		53 - 142	09/15/22 15:24	09/15/22 19:35	1
Toluene-d8 (Surr)	94		70 - 130	09/15/22 15:24	09/15/22 19:35	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00198	U	0.00198		mg/Kg			09/19/22 14:18	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			09/16/22 08:42	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U *1	50.0		mg/Kg		09/14/22 09:39	09/15/22 12:37	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		09/14/22 09:39	09/15/22 12:37	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		09/14/22 09:39	09/15/22 12:37	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	127		70 - 130	09/14/22 09:39	09/15/22 12:37	1
o-Terphenyl	132	S1+	70 - 130	09/14/22 09:39	09/15/22 12:37	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	722		25.0		mg/Kg			09/16/22 03:59	5

Eurofins Midland

Client Sample Results

Client: NT Global
Project/Site: South Vacuum Unit 351

Job ID: 880-19118-1
SDG: Lea Co, NM

Client Sample ID: CS-26 (4')

Lab Sample ID: 880-19118-26

Date Collected: 09/12/22 00:00

Matrix: Solid

Date Received: 09/12/22 16:07

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000996	U	0.000996		mg/Kg		09/15/22 15:24	09/15/22 19:58	1
Toluene	<0.00498	U	0.00498		mg/Kg		09/15/22 15:24	09/15/22 19:58	1
Ethylbenzene	<0.000996	U	0.000996		mg/Kg		09/15/22 15:24	09/15/22 19:58	1
m,p-Xylenes	<0.00199	U	0.00199		mg/Kg		09/15/22 15:24	09/15/22 19:58	1
o-Xylene	<0.000996	U	0.000996		mg/Kg		09/15/22 15:24	09/15/22 19:58	1
Xylenes, Total	<0.00199	U	0.00199		mg/Kg		09/15/22 15:24	09/15/22 19:58	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	108		56 - 150	09/15/22 15:24	09/15/22 19:58	1
4-Bromofluorobenzene (Surr)	104		68 - 152	09/15/22 15:24	09/15/22 19:58	1
Dibromofluoromethane (Surr)	102		53 - 142	09/15/22 15:24	09/15/22 19:58	1
Toluene-d8 (Surr)	95		70 - 130	09/15/22 15:24	09/15/22 19:58	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00199	U	0.00199		mg/Kg			09/19/22 14:18	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			09/16/22 08:42	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U *1	49.9		mg/Kg		09/14/22 09:39	09/15/22 12:59	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		09/14/22 09:39	09/15/22 12:59	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		09/14/22 09:39	09/15/22 12:59	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	107		70 - 130				09/14/22 09:39	09/15/22 12:59	1
o-Terphenyl	115		70 - 130				09/14/22 09:39	09/15/22 12:59	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1390		50.0		mg/Kg			09/16/22 04:13	10

Client Sample ID: CS-27 (4')

Lab Sample ID: 880-19118-27

Date Collected: 09/12/22 00:00

Matrix: Solid

Date Received: 09/12/22 16:07

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00101	U	0.00101		mg/Kg		09/15/22 15:24	09/15/22 20:21	1
Toluene	<0.00504	U	0.00504		mg/Kg		09/15/22 15:24	09/15/22 20:21	1
Ethylbenzene	<0.00101	U	0.00101		mg/Kg		09/15/22 15:24	09/15/22 20:21	1
m,p-Xylenes	<0.00202	U	0.00202		mg/Kg		09/15/22 15:24	09/15/22 20:21	1
o-Xylene	<0.00101	U	0.00101		mg/Kg		09/15/22 15:24	09/15/22 20:21	1
Xylenes, Total	<0.00202	U	0.00202		mg/Kg		09/15/22 15:24	09/15/22 20:21	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	106		56 - 150	09/15/22 15:24	09/15/22 20:21	1

Eurofins Midland

Client Sample Results

Client: NT Global
Project/Site: South Vaccum Unit 351

Job ID: 880-19118-1
SDG: Lea Co, NM

Client Sample ID: CS-27 (4')

Lab Sample ID: 880-19118-27

Date Collected: 09/12/22 00:00

Matrix: Solid

Date Received: 09/12/22 16:07

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	102		68 - 152	09/15/22 15:24	09/15/22 20:21	1
Dibromofluoromethane (Surr)	105		53 - 142	09/15/22 15:24	09/15/22 20:21	1
Toluene-d8 (Surr)	96		70 - 130	09/15/22 15:24	09/15/22 20:21	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00202	U	0.00202		mg/Kg			09/19/22 14:18	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			09/16/22 08:42	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U *1	50.0		mg/Kg		09/14/22 09:39	09/15/22 13:20	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		09/14/22 09:39	09/15/22 13:20	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		09/14/22 09:39	09/15/22 13:20	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	107		70 - 130				09/14/22 09:39	09/15/22 13:20	1
o-Terphenyl	112		70 - 130				09/14/22 09:39	09/15/22 13:20	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1860		24.8		mg/Kg			09/16/22 04:18	5

Client Sample ID: CS-28 (4')

Lab Sample ID: 880-19118-28

Date Collected: 09/12/22 00:00

Matrix: Solid

Date Received: 09/12/22 16:07

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00101	U	0.00101		mg/Kg		09/15/22 15:24	09/15/22 20:44	1
Toluene	<0.00503	U	0.00503		mg/Kg		09/15/22 15:24	09/15/22 20:44	1
Ethylbenzene	<0.00101	U	0.00101		mg/Kg		09/15/22 15:24	09/15/22 20:44	1
m,p-Xylenes	<0.00201	U	0.00201		mg/Kg		09/15/22 15:24	09/15/22 20:44	1
o-Xylene	<0.00101	U	0.00101		mg/Kg		09/15/22 15:24	09/15/22 20:44	1
Xylenes, Total	<0.00201	U	0.00201		mg/Kg		09/15/22 15:24	09/15/22 20:44	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	106		56 - 150				09/15/22 15:24	09/15/22 20:44	1
4-Bromofluorobenzene (Surr)	103		68 - 152				09/15/22 15:24	09/15/22 20:44	1
Dibromofluoromethane (Surr)	100		53 - 142				09/15/22 15:24	09/15/22 20:44	1
Toluene-d8 (Surr)	93		70 - 130				09/15/22 15:24	09/15/22 20:44	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00201	U	0.00201		mg/Kg			09/19/22 14:18	1

Eurofins Midland

Client Sample Results

Client: NT Global
Project/Site: South Vacuum Unit 351

Job ID: 880-19118-1
SDG: Lea Co, NM

Client Sample ID: CS-28 (4')

Lab Sample ID: 880-19118-28

Date Collected: 09/12/22 00:00

Matrix: Solid

Date Received: 09/12/22 16:07

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			09/16/22 08:42	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U *1	50.0		mg/Kg		09/14/22 09:39	09/15/22 13:42	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		09/14/22 09:39	09/15/22 13:42	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		09/14/22 09:39	09/15/22 13:42	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	109		70 - 130				09/14/22 09:39	09/15/22 13:42	1
o-Terphenyl	118		70 - 130				09/14/22 09:39	09/15/22 13:42	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1570		25.0		mg/Kg			09/16/22 04:23	5

Client Sample ID: CS-29 (4')

Lab Sample ID: 880-19118-29

Date Collected: 09/12/22 00:00

Matrix: Solid

Date Received: 09/12/22 16:07

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000994	U	0.000994		mg/Kg		09/15/22 15:24	09/15/22 21:07	1
Toluene	<0.00497	U	0.00497		mg/Kg		09/15/22 15:24	09/15/22 21:07	1
Ethylbenzene	<0.000994	U	0.000994		mg/Kg		09/15/22 15:24	09/15/22 21:07	1
m,p-Xylenes	<0.00199	U	0.00199		mg/Kg		09/15/22 15:24	09/15/22 21:07	1
o-Xylene	<0.000994	U	0.000994		mg/Kg		09/15/22 15:24	09/15/22 21:07	1
Xylenes, Total	<0.00199	U	0.00199		mg/Kg		09/15/22 15:24	09/15/22 21:07	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	112		56 - 150				09/15/22 15:24	09/15/22 21:07	1
4-Bromofluorobenzene (Surr)	101		68 - 152				09/15/22 15:24	09/15/22 21:07	1
Dibromofluoromethane (Surr)	104		53 - 142				09/15/22 15:24	09/15/22 21:07	1
Toluene-d8 (Surr)	94		70 - 130				09/15/22 15:24	09/15/22 21:07	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00199	U	0.00199		mg/Kg			09/19/22 14:18	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			09/16/22 08:42	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U *1	49.9		mg/Kg		09/14/22 09:39	09/15/22 14:03	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		09/14/22 09:39	09/15/22 14:03	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		09/14/22 09:39	09/15/22 14:03	1

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Client Sample Results

Client: NT Global
Project/Site: South Vacuum Unit 351

Job ID: 880-19118-1
SDG: Lea Co, NM

Client Sample ID: CS-29 (4')

Lab Sample ID: 880-19118-29

Date Collected: 09/12/22 00:00

Matrix: Solid

Date Received: 09/12/22 16:07

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	95		70 - 130	09/14/22 09:39	09/15/22 14:03	1
o-Terphenyl	102		70 - 130	09/14/22 09:39	09/15/22 14:03	1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1790		25.2		mg/Kg			09/16/22 04:28	5

Method: 300.0 - Anions, Ion Chromatography - Soluble

Client Sample ID: CS-30 (4')

Lab Sample ID: 880-19118-30

Date Collected: 09/12/22 00:00

Matrix: Solid

Date Received: 09/12/22 16:07

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000996	U	0.000996		mg/Kg		09/16/22 17:49	09/16/22 20:26	1
Toluene	<0.00498	U	0.00498		mg/Kg		09/16/22 17:49	09/16/22 20:26	1
Ethylbenzene	<0.000996	U	0.000996		mg/Kg		09/16/22 17:49	09/16/22 20:26	1
m,p-Xylenes	<0.00199	U	0.00199		mg/Kg		09/16/22 17:49	09/16/22 20:26	1
o-Xylene	<0.000996	U	0.000996		mg/Kg		09/16/22 17:49	09/16/22 20:26	1
Xylenes, Total	<0.00199	U	0.00199		mg/Kg		09/16/22 17:49	09/16/22 20:26	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	118		56 - 150	09/16/22 17:49	09/16/22 20:26	1
4-Bromofluorobenzene (Surr)	108		68 - 152	09/16/22 17:49	09/16/22 20:26	1
Dibromofluoromethane (Surr)	88		53 - 142	09/16/22 17:49	09/16/22 20:26	1
Toluene-d8 (Surr)	105		70 - 130	09/16/22 17:49	09/16/22 20:26	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00199	U	0.00199		mg/Kg			09/19/22 14:18	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			09/16/22 08:42	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U *1	49.9		mg/Kg		09/14/22 09:39	09/15/22 14:25	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		09/14/22 09:39	09/15/22 14:25	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		09/14/22 09:39	09/15/22 14:25	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	102		70 - 130	09/14/22 09:39	09/15/22 14:25	1
o-Terphenyl	105		70 - 130	09/14/22 09:39	09/15/22 14:25	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3930		25.2		mg/Kg			09/16/22 04:32	5

Eurofins Midland

Client Sample Results

Client: NT Global
Project/Site: South Vacuum Unit 351

Job ID: 880-19118-1
SDG: Lea Co, NM

Client Sample ID: CS-31 (4')

Lab Sample ID: 880-19118-31

Date Collected: 09/12/22 00:00

Matrix: Solid

Date Received: 09/12/22 16:07

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00100	U	0.00100		mg/Kg		09/15/22 15:24	09/19/22 13:42	1
Toluene	<0.00500	U	0.00500		mg/Kg		09/15/22 15:24	09/19/22 13:42	1
Ethylbenzene	<0.00100	U	0.00100		mg/Kg		09/15/22 15:24	09/19/22 13:42	1
m,p-Xylenes	<0.00200	U	0.00200		mg/Kg		09/15/22 15:24	09/19/22 13:42	1
o-Xylene	<0.00100	U	0.00100		mg/Kg		09/15/22 15:24	09/19/22 13:42	1
Xylenes, Total	<0.00200	U	0.00200		mg/Kg		09/15/22 15:24	09/19/22 13:42	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	108		56 - 150	09/15/22 15:24	09/19/22 13:42	1
4-Bromofluorobenzene (Surr)	116		68 - 152	09/15/22 15:24	09/19/22 13:42	1
Dibromofluoromethane (Surr)	91		53 - 142	09/15/22 15:24	09/19/22 13:42	1
Toluene-d8 (Surr)	101		70 - 130	09/15/22 15:24	09/19/22 13:42	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00200	U	0.00200		mg/Kg			09/19/22 17:18	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			09/16/22 08:42	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U *1	50.0		mg/Kg		09/14/22 09:39	09/15/22 15:08	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		09/14/22 09:39	09/15/22 15:08	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		09/14/22 09:39	09/15/22 15:08	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	108		70 - 130				09/14/22 09:39	09/15/22 15:08	1
o-Terphenyl	115		70 - 130				09/14/22 09:39	09/15/22 15:08	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	6180		50.2		mg/Kg			09/16/22 04:37	10

Client Sample ID: CS-32 (4')

Lab Sample ID: 880-19118-32

Date Collected: 09/12/22 00:00

Matrix: Solid

Date Received: 09/12/22 16:07

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00100	U	0.00100		mg/Kg		09/16/22 17:49	09/16/22 20:50	1
Toluene	<0.00500	U	0.00500		mg/Kg		09/16/22 17:49	09/16/22 20:50	1
Ethylbenzene	<0.00100	U	0.00100		mg/Kg		09/16/22 17:49	09/16/22 20:50	1
m,p-Xylenes	<0.00200	U	0.00200		mg/Kg		09/16/22 17:49	09/16/22 20:50	1
o-Xylene	<0.00100	U	0.00100		mg/Kg		09/16/22 17:49	09/16/22 20:50	1
Xylenes, Total	<0.00200	U	0.00200		mg/Kg		09/16/22 17:49	09/16/22 20:50	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	104		56 - 150	09/16/22 17:49	09/16/22 20:50	1

Eurofins Midland

Client Sample Results

Client: NT Global
Project/Site: South Vaccum Unit 351

Job ID: 880-19118-1
SDG: Lea Co, NM

Client Sample ID: CS-32 (4')

Lab Sample ID: 880-19118-32

Date Collected: 09/12/22 00:00

Matrix: Solid

Date Received: 09/12/22 16:07

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	114		68 - 152	09/16/22 17:49	09/16/22 20:50	1
Dibromofluoromethane (Surr)	94		53 - 142	09/16/22 17:49	09/16/22 20:50	1
Toluene-d8 (Surr)	104		70 - 130	09/16/22 17:49	09/16/22 20:50	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00200	U	0.00200		mg/Kg			09/19/22 14:18	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			09/16/22 08:42	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U *1	49.9		mg/Kg		09/14/22 09:39	09/15/22 15:29	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		09/14/22 09:39	09/15/22 15:29	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		09/14/22 09:39	09/15/22 15:29	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	114		70 - 130				09/14/22 09:39	09/15/22 15:29	1
o-Terphenyl	112		70 - 130				09/14/22 09:39	09/15/22 15:29	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	4470		49.7		mg/Kg			09/16/22 04:52	10

Client Sample ID: CS-33 (4')

Lab Sample ID: 880-19118-33

Date Collected: 09/12/22 00:00

Matrix: Solid

Date Received: 09/12/22 16:07

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000998	U	0.000998		mg/Kg		09/16/22 17:49	09/16/22 21:13	1
Toluene	<0.00499	U	0.00499		mg/Kg		09/16/22 17:49	09/16/22 21:13	1
Ethylbenzene	<0.000998	U	0.000998		mg/Kg		09/16/22 17:49	09/16/22 21:13	1
m,p-Xylenes	<0.00200	U	0.00200		mg/Kg		09/16/22 17:49	09/16/22 21:13	1
o-Xylene	<0.000998	U	0.000998		mg/Kg		09/16/22 17:49	09/16/22 21:13	1
Xylenes, Total	<0.00200	U	0.00200		mg/Kg		09/16/22 17:49	09/16/22 21:13	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	111		56 - 150				09/16/22 17:49	09/16/22 21:13	1
4-Bromofluorobenzene (Surr)	109		68 - 152				09/16/22 17:49	09/16/22 21:13	1
Dibromofluoromethane (Surr)	90		53 - 142				09/16/22 17:49	09/16/22 21:13	1
Toluene-d8 (Surr)	102		70 - 130				09/16/22 17:49	09/16/22 21:13	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00200	U	0.00200		mg/Kg			09/19/22 14:18	1

Eurofins Midland

Client Sample Results

Client: NT Global
Project/Site: South Vacuum Unit 351

Job ID: 880-19118-1
SDG: Lea Co, NM

Client Sample ID: CS-33 (4')

Lab Sample ID: 880-19118-33

Date Collected: 09/12/22 00:00

Matrix: Solid

Date Received: 09/12/22 16:07

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			09/16/22 08:42	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U *1	50.0		mg/Kg		09/14/22 09:39	09/15/22 15:51	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		09/14/22 09:39	09/15/22 15:51	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		09/14/22 09:39	09/15/22 15:51	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	105		70 - 130				09/14/22 09:39	09/15/22 15:51	1
o-Terphenyl	113		70 - 130				09/14/22 09:39	09/15/22 15:51	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2900		25.0		mg/Kg			09/16/22 04:57	5

Client Sample ID: CS-34 (4')

Lab Sample ID: 880-19118-34

Date Collected: 09/12/22 00:00

Matrix: Solid

Date Received: 09/12/22 16:07

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000992	U	0.000992		mg/Kg		09/16/22 17:49	09/16/22 21:37	1
Toluene	<0.00496	U	0.00496		mg/Kg		09/16/22 17:49	09/16/22 21:37	1
Ethylbenzene	<0.000992	U	0.000992		mg/Kg		09/16/22 17:49	09/16/22 21:37	1
m,p-Xylenes	<0.00198	U	0.00198		mg/Kg		09/16/22 17:49	09/16/22 21:37	1
o-Xylene	<0.000992	U	0.000992		mg/Kg		09/16/22 17:49	09/16/22 21:37	1
Xylenes, Total	<0.00198	U	0.00198		mg/Kg		09/16/22 17:49	09/16/22 21:37	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	108		56 - 150				09/16/22 17:49	09/16/22 21:37	1
4-Bromofluorobenzene (Surr)	108		68 - 152				09/16/22 17:49	09/16/22 21:37	1
Dibromofluoromethane (Surr)	89		53 - 142				09/16/22 17:49	09/16/22 21:37	1
Toluene-d8 (Surr)	104		70 - 130				09/16/22 17:49	09/16/22 21:37	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00198	U	0.00198		mg/Kg			09/19/22 14:18	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			09/16/22 08:42	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U *1	49.8		mg/Kg		09/14/22 09:39	09/15/22 16:13	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		09/14/22 09:39	09/15/22 16:13	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		09/14/22 09:39	09/15/22 16:13	1

Eurofins Midland

Client Sample Results

Client: NT Global
Project/Site: South Vacuum Unit 351

Job ID: 880-19118-1
SDG: Lea Co, NM

Client Sample ID: CS-34 (4')

Lab Sample ID: 880-19118-34

Date Collected: 09/12/22 00:00

Matrix: Solid

Date Received: 09/12/22 16:07

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	113		70 - 130	09/14/22 09:39	09/15/22 16:13	1
o-Terphenyl	117		70 - 130	09/14/22 09:39	09/15/22 16:13	1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2550		25.1		mg/Kg			09/16/22 05:11	5

Method: 300.0 - Anions, Ion Chromatography - Soluble

Client Sample ID: CS-35 (4')

Lab Sample ID: 880-19118-35

Date Collected: 09/12/22 00:00

Matrix: Solid

Date Received: 09/12/22 16:07

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000990	U	0.000990		mg/Kg		09/16/22 17:49	09/16/22 22:00	1
Toluene	<0.00495	U	0.00495		mg/Kg		09/16/22 17:49	09/16/22 22:00	1
Ethylbenzene	<0.000990	U	0.000990		mg/Kg		09/16/22 17:49	09/16/22 22:00	1
m,p-Xylenes	<0.00198	U	0.00198		mg/Kg		09/16/22 17:49	09/16/22 22:00	1
o-Xylene	<0.000990	U	0.000990		mg/Kg		09/16/22 17:49	09/16/22 22:00	1
Xylenes, Total	<0.00198	U	0.00198		mg/Kg		09/16/22 17:49	09/16/22 22:00	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	115		56 - 150	09/16/22 17:49	09/16/22 22:00	1
4-Bromofluorobenzene (Surr)	106		68 - 152	09/16/22 17:49	09/16/22 22:00	1
Dibromofluoromethane (Surr)	88		53 - 142	09/16/22 17:49	09/16/22 22:00	1
Toluene-d8 (Surr)	102		70 - 130	09/16/22 17:49	09/16/22 22:00	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00198	U	0.00198		mg/Kg			09/19/22 14:18	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			09/16/22 08:42	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U *1	49.9		mg/Kg		09/14/22 09:39	09/15/22 16:34	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		09/14/22 09:39	09/15/22 16:34	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		09/14/22 09:39	09/15/22 16:34	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	105		70 - 130	09/14/22 09:39	09/15/22 16:34	1
o-Terphenyl	104		70 - 130	09/14/22 09:39	09/15/22 16:34	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	894		24.9		mg/Kg			09/16/22 05:16	5

Eurofins Midland

Client Sample Results

Client: NT Global
Project/Site: South Vacuum Unit 351

Job ID: 880-19118-1
SDG: Lea Co, NM

Client Sample ID: CS-36 (4')

Lab Sample ID: 880-19118-36

Date Collected: 09/12/22 00:00

Matrix: Solid

Date Received: 09/12/22 16:07

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00100	U	0.00100		mg/Kg		09/16/22 17:49	09/16/22 22:23	1
Toluene	<0.00500	U	0.00500		mg/Kg		09/16/22 17:49	09/16/22 22:23	1
Ethylbenzene	<0.00100	U	0.00100		mg/Kg		09/16/22 17:49	09/16/22 22:23	1
m,p-Xylenes	<0.00200	U	0.00200		mg/Kg		09/16/22 17:49	09/16/22 22:23	1
o-Xylene	<0.00100	U	0.00100		mg/Kg		09/16/22 17:49	09/16/22 22:23	1
Xylenes, Total	<0.00200	U	0.00200		mg/Kg		09/16/22 17:49	09/16/22 22:23	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	107		56 - 150	09/16/22 17:49	09/16/22 22:23	1
4-Bromofluorobenzene (Surr)	105		68 - 152	09/16/22 17:49	09/16/22 22:23	1
Dibromofluoromethane (Surr)	97		53 - 142	09/16/22 17:49	09/16/22 22:23	1
Toluene-d8 (Surr)	102		70 - 130	09/16/22 17:49	09/16/22 22:23	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00200	U	0.00200		mg/Kg			09/19/22 14:18	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			09/16/22 08:42	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U *1	50.0		mg/Kg		09/14/22 09:39	09/15/22 16:56	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		09/14/22 09:39	09/15/22 16:56	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		09/14/22 09:39	09/15/22 16:56	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	110		70 - 130				09/14/22 09:39	09/15/22 16:56	1
o-Terphenyl	109		70 - 130				09/14/22 09:39	09/15/22 16:56	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1490		25.0		mg/Kg			09/16/22 05:21	5

Client Sample ID: CS-37 (4')

Lab Sample ID: 880-19118-37

Date Collected: 09/12/22 00:00

Matrix: Solid

Date Received: 09/12/22 16:07

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00100	U	0.00100		mg/Kg		09/16/22 17:49	09/16/22 22:47	1
Toluene	<0.00502	U	0.00502		mg/Kg		09/16/22 17:49	09/16/22 22:47	1
Ethylbenzene	<0.00100	U	0.00100		mg/Kg		09/16/22 17:49	09/16/22 22:47	1
m,p-Xylenes	<0.00201	U	0.00201		mg/Kg		09/16/22 17:49	09/16/22 22:47	1
o-Xylene	<0.00100	U	0.00100		mg/Kg		09/16/22 17:49	09/16/22 22:47	1
Xylenes, Total	<0.00201	U	0.00201		mg/Kg		09/16/22 17:49	09/16/22 22:47	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	116		56 - 150	09/16/22 17:49	09/16/22 22:47	1

Eurofins Midland

Client Sample Results

Client: NT Global
Project/Site: South Vaccum Unit 351

Job ID: 880-19118-1
SDG: Lea Co, NM

Client Sample ID: CS-37 (4')

Lab Sample ID: 880-19118-37

Date Collected: 09/12/22 00:00

Matrix: Solid

Date Received: 09/12/22 16:07

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	107		68 - 152	09/16/22 17:49	09/16/22 22:47	1
Dibromofluoromethane (Surr)	95		53 - 142	09/16/22 17:49	09/16/22 22:47	1
Toluene-d8 (Surr)	100		70 - 130	09/16/22 17:49	09/16/22 22:47	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00201	U	0.00201		mg/Kg			09/19/22 14:18	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			09/16/22 08:42	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U *1	50.0		mg/Kg		09/14/22 09:39	09/15/22 17:17	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		09/14/22 09:39	09/15/22 17:17	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		09/14/22 09:39	09/15/22 17:17	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	116		70 - 130				09/14/22 09:39	09/15/22 17:17	1
o-Terphenyl	112		70 - 130				09/14/22 09:39	09/15/22 17:17	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1050		25.2		mg/Kg			09/16/22 05:26	5

Client Sample ID: CS-38 (4')

Lab Sample ID: 880-19118-38

Date Collected: 09/12/22 00:00

Matrix: Solid

Date Received: 09/12/22 16:07

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00100	U	0.00100		mg/Kg		09/16/22 17:49	09/16/22 23:10	1
Toluene	<0.00501	U	0.00501		mg/Kg		09/16/22 17:49	09/16/22 23:10	1
Ethylbenzene	<0.00100	U	0.00100		mg/Kg		09/16/22 17:49	09/16/22 23:10	1
m,p-Xylenes	<0.00200	U	0.00200		mg/Kg		09/16/22 17:49	09/16/22 23:10	1
o-Xylene	<0.00100	U	0.00100		mg/Kg		09/16/22 17:49	09/16/22 23:10	1
Xylenes, Total	<0.00200	U	0.00200		mg/Kg		09/16/22 17:49	09/16/22 23:10	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	111		56 - 150	09/16/22 17:49	09/16/22 23:10	1
4-Bromofluorobenzene (Surr)	109		68 - 152	09/16/22 17:49	09/16/22 23:10	1
Dibromofluoromethane (Surr)	98		53 - 142	09/16/22 17:49	09/16/22 23:10	1
Toluene-d8 (Surr)	100		70 - 130	09/16/22 17:49	09/16/22 23:10	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00200	U	0.00200		mg/Kg			09/19/22 14:18	1

Eurofins Midland

Client Sample Results

Client: NT Global
Project/Site: South Vacuum Unit 351

Job ID: 880-19118-1
SDG: Lea Co, NM

Client Sample ID: CS-38 (4')

Lab Sample ID: 880-19118-38

Date Collected: 09/12/22 00:00

Matrix: Solid

Date Received: 09/12/22 16:07

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			09/16/22 08:42	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U *1	49.9		mg/Kg		09/14/22 09:39	09/15/22 17:38	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		09/14/22 09:39	09/15/22 17:38	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		09/14/22 09:39	09/15/22 17:38	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	104		70 - 130				09/14/22 09:39	09/15/22 17:38	1
o-Terphenyl	108		70 - 130				09/14/22 09:39	09/15/22 17:38	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1700		25.2		mg/Kg			09/16/22 05:31	5

Client Sample ID: CS-39 (4')

Lab Sample ID: 880-19118-39

Date Collected: 09/12/22 00:00

Matrix: Solid

Date Received: 09/12/22 16:07

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00101	U	0.00101		mg/Kg		09/16/22 17:49	09/16/22 23:34	1
Toluene	<0.00503	U	0.00503		mg/Kg		09/16/22 17:49	09/16/22 23:34	1
Ethylbenzene	<0.00101	U	0.00101		mg/Kg		09/16/22 17:49	09/16/22 23:34	1
m,p-Xylenes	<0.00201	U	0.00201		mg/Kg		09/16/22 17:49	09/16/22 23:34	1
o-Xylene	<0.00101	U	0.00101		mg/Kg		09/16/22 17:49	09/16/22 23:34	1
Xylenes, Total	<0.00201	U	0.00201		mg/Kg		09/16/22 17:49	09/16/22 23:34	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	106		56 - 150				09/16/22 17:49	09/16/22 23:34	1
4-Bromofluorobenzene (Surr)	103		68 - 152				09/16/22 17:49	09/16/22 23:34	1
Dibromofluoromethane (Surr)	97		53 - 142				09/16/22 17:49	09/16/22 23:34	1
Toluene-d8 (Surr)	104		70 - 130				09/16/22 17:49	09/16/22 23:34	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00201	U	0.00201		mg/Kg			09/19/22 14:18	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			09/16/22 08:42	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U *1	49.8		mg/Kg		09/14/22 09:39	09/15/22 18:00	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		09/14/22 09:39	09/15/22 18:00	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		09/14/22 09:39	09/15/22 18:00	1

Eurofins Midland

Client Sample Results

Client: NT Global
Project/Site: South Vacuum Unit 351

Job ID: 880-19118-1
SDG: Lea Co, NM

Client Sample ID: CS-39 (4')

Lab Sample ID: 880-19118-39

Date Collected: 09/12/22 00:00

Matrix: Solid

Date Received: 09/12/22 16:07

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	98		70 - 130	09/14/22 09:39	09/15/22 18:00	1
o-Terphenyl	96		70 - 130	09/14/22 09:39	09/15/22 18:00	1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2090		24.8		mg/Kg			09/16/22 05:36	5

Method: 300.0 - Anions, Ion Chromatography - Soluble

Client Sample ID: CS-40 (4')

Lab Sample ID: 880-19118-40

Date Collected: 09/12/22 00:00

Matrix: Solid

Date Received: 09/12/22 16:07

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00100	U	0.00100		mg/Kg		09/16/22 17:49	09/16/22 18:34	1
Toluene	<0.00502	U	0.00502		mg/Kg		09/16/22 17:49	09/16/22 18:34	1
Ethylbenzene	<0.00100	U	0.00100		mg/Kg		09/16/22 17:49	09/16/22 18:34	1
m,p-Xylenes	<0.00201	U	0.00201		mg/Kg		09/16/22 17:49	09/16/22 18:34	1
o-Xylene	<0.00100	U	0.00100		mg/Kg		09/16/22 17:49	09/16/22 18:34	1
Xylenes, Total	<0.00201	U	0.00201		mg/Kg		09/16/22 17:49	09/16/22 18:34	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	93		56 - 150	09/16/22 17:49	09/16/22 18:34	1
4-Bromofluorobenzene (Surr)	97		68 - 152	09/16/22 17:49	09/16/22 18:34	1
Dibromofluoromethane (Surr)	96		53 - 142	09/16/22 17:49	09/16/22 18:34	1
Toluene-d8 (Surr)	95		70 - 130	09/16/22 17:49	09/16/22 18:34	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00201	U	0.00201		mg/Kg			09/19/22 14:18	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			09/16/22 08:42	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U *1	49.9		mg/Kg		09/14/22 09:39	09/15/22 18:22	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		09/14/22 09:39	09/15/22 18:22	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		09/14/22 09:39	09/15/22 18:22	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	88		70 - 130	09/14/22 09:39	09/15/22 18:22	1
o-Terphenyl	91		70 - 130	09/14/22 09:39	09/15/22 18:22	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2170		25.2		mg/Kg			09/16/22 05:41	5

Eurofins Midland

Client Sample Results

Client: NT Global
Project/Site: South Vacuum Unit 351

Job ID: 880-19118-1
SDG: Lea Co, NM

Client Sample ID: CS-41 (4')

Lab Sample ID: 880-19118-41

Date Collected: 09/12/22 00:00

Matrix: Solid

Date Received: 09/12/22 16:07

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00100	U	0.00100		mg/Kg		09/16/22 17:49	09/16/22 18:51	1
Toluene	<0.00502	U	0.00502		mg/Kg		09/16/22 17:49	09/16/22 18:51	1
Ethylbenzene	<0.00100	U	0.00100		mg/Kg		09/16/22 17:49	09/16/22 18:51	1
m,p-Xylenes	<0.00201	U	0.00201		mg/Kg		09/16/22 17:49	09/16/22 18:51	1
o-Xylene	<0.00100	U	0.00100		mg/Kg		09/16/22 17:49	09/16/22 18:51	1
Xylenes, Total	<0.00201	U	0.00201		mg/Kg		09/16/22 17:49	09/16/22 18:51	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	97		56 - 150	09/16/22 17:49	09/16/22 18:51	1
4-Bromofluorobenzene (Surr)	94		68 - 152	09/16/22 17:49	09/16/22 18:51	1
Dibromofluoromethane (Surr)	94		53 - 142	09/16/22 17:49	09/16/22 18:51	1
Toluene-d8 (Surr)	93		70 - 130	09/16/22 17:49	09/16/22 18:51	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00201	U	0.00201		mg/Kg			09/19/22 14:18	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			09/16/22 08:42	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		09/14/22 13:21	09/15/22 10:21	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		09/14/22 13:21	09/15/22 10:21	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		09/14/22 13:21	09/15/22 10:21	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	91		70 - 130				09/14/22 13:21	09/15/22 10:21	1
o-Terphenyl	98		70 - 130				09/14/22 13:21	09/15/22 10:21	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	616		4.99		mg/Kg			09/16/22 10:14	1

Client Sample ID: CS-42 (4')

Lab Sample ID: 880-19118-42

Date Collected: 09/12/22 00:00

Matrix: Solid

Date Received: 09/12/22 16:07

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00101	U	0.00101		mg/Kg		09/16/22 17:49	09/16/22 19:08	1
Toluene	<0.00504	U	0.00504		mg/Kg		09/16/22 17:49	09/16/22 19:08	1
Ethylbenzene	<0.00101	U	0.00101		mg/Kg		09/16/22 17:49	09/16/22 19:08	1
m,p-Xylenes	<0.00202	U	0.00202		mg/Kg		09/16/22 17:49	09/16/22 19:08	1
o-Xylene	<0.00101	U	0.00101		mg/Kg		09/16/22 17:49	09/16/22 19:08	1
Xylenes, Total	<0.00202	U	0.00202		mg/Kg		09/16/22 17:49	09/16/22 19:08	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	76		56 - 150	09/16/22 17:49	09/16/22 19:08	1

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Client Sample Results

Client: NT Global
Project/Site: South Vaccum Unit 351

Job ID: 880-19118-1
SDG: Lea Co, NM

Client Sample ID: CS-42 (4')

Lab Sample ID: 880-19118-42

Date Collected: 09/12/22 00:00

Matrix: Solid

Date Received: 09/12/22 16:07

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	96		68 - 152	09/16/22 17:49	09/16/22 19:08	1
Dibromofluoromethane (Surr)	80		53 - 142	09/16/22 17:49	09/16/22 19:08	1
Toluene-d8 (Surr)	103		70 - 130	09/16/22 17:49	09/16/22 19:08	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00202	U	0.00202		mg/Kg			09/19/22 14:18	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			09/16/22 08:42	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		09/14/22 13:21	09/15/22 11:23	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		09/14/22 13:21	09/15/22 11:23	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		09/14/22 13:21	09/15/22 11:23	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	86		70 - 130				09/14/22 13:21	09/15/22 11:23	1
o-Terphenyl	94		70 - 130				09/14/22 13:21	09/15/22 11:23	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	309		5.04		mg/Kg			09/16/22 10:29	1

Client Sample ID: CS-43 (4')

Lab Sample ID: 880-19118-43

Date Collected: 09/12/22 00:00

Matrix: Solid

Date Received: 09/12/22 16:07

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00100	U	0.00100		mg/Kg		09/16/22 17:49	09/16/22 19:25	1
Toluene	<0.00502	U	0.00502		mg/Kg		09/16/22 17:49	09/16/22 19:25	1
Ethylbenzene	<0.00100	U	0.00100		mg/Kg		09/16/22 17:49	09/16/22 19:25	1
m,p-Xylenes	<0.00201	U	0.00201		mg/Kg		09/16/22 17:49	09/16/22 19:25	1
o-Xylene	<0.00100	U	0.00100		mg/Kg		09/16/22 17:49	09/16/22 19:25	1
Xylenes, Total	<0.00201	U	0.00201		mg/Kg		09/16/22 17:49	09/16/22 19:25	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	97		56 - 150	09/16/22 17:49	09/16/22 19:25	1
4-Bromofluorobenzene (Surr)	95		68 - 152	09/16/22 17:49	09/16/22 19:25	1
Dibromofluoromethane (Surr)	95		53 - 142	09/16/22 17:49	09/16/22 19:25	1
Toluene-d8 (Surr)	92		70 - 130	09/16/22 17:49	09/16/22 19:25	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00201	U	0.00201		mg/Kg			09/19/22 14:18	1

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Client Sample Results

Client: NT Global
Project/Site: South Vacuum Unit 351

Job ID: 880-19118-1
SDG: Lea Co, NM

Client Sample ID: CS-43 (4')

Lab Sample ID: 880-19118-43

Date Collected: 09/12/22 00:00

Matrix: Solid

Date Received: 09/12/22 16:07

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			09/16/22 08:42	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		09/14/22 13:21	09/15/22 11:43	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		09/14/22 13:21	09/15/22 11:43	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		09/14/22 13:21	09/15/22 11:43	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	89		70 - 130				09/14/22 13:21	09/15/22 11:43	1
o-Terphenyl	101		70 - 130				09/14/22 13:21	09/15/22 11:43	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	101		5.00		mg/Kg			09/16/22 12:36	1

Client Sample ID: CS-44 (4')

Lab Sample ID: 880-19118-44

Date Collected: 09/12/22 00:00

Matrix: Solid

Date Received: 09/12/22 16:07

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000990	U	0.000990		mg/Kg		09/15/22 16:56	09/16/22 16:48	1
Toluene	<0.00495	U	0.00495		mg/Kg		09/15/22 16:56	09/16/22 16:48	1
Ethylbenzene	<0.000990	U	0.000990		mg/Kg		09/15/22 16:56	09/16/22 16:48	1
m,p-Xylenes	<0.00198	U	0.00198		mg/Kg		09/15/22 16:56	09/16/22 16:48	1
o-Xylene	<0.000990	U	0.000990		mg/Kg		09/15/22 16:56	09/16/22 16:48	1
Xylenes, Total	<0.00198	U	0.00198		mg/Kg		09/15/22 16:56	09/16/22 16:48	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	103		56 - 150				09/15/22 16:56	09/16/22 16:48	1
4-Bromofluorobenzene (Surr)	96		68 - 152				09/15/22 16:56	09/16/22 16:48	1
Dibromofluoromethane (Surr)	102		53 - 142				09/15/22 16:56	09/16/22 16:48	1
Toluene-d8 (Surr)	95		70 - 130				09/15/22 16:56	09/16/22 16:48	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00198	U	0.00198		mg/Kg			09/19/22 14:18	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			09/16/22 08:42	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		09/14/22 13:21	09/15/22 12:04	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		09/14/22 13:21	09/15/22 12:04	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		09/14/22 13:21	09/15/22 12:04	1

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Client Sample Results

Client: NT Global
Project/Site: South Vacuum Unit 351

Job ID: 880-19118-1
SDG: Lea Co, NM

Client Sample ID: CS-44 (4')

Lab Sample ID: 880-19118-44

Date Collected: 09/12/22 00:00

Matrix: Solid

Date Received: 09/12/22 16:07

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	95		70 - 130	09/14/22 13:21	09/15/22 12:04	1
o-Terphenyl	105		70 - 130	09/14/22 13:21	09/15/22 12:04	1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	4360		50.0		mg/Kg			09/16/22 10:39	10

Method: 300.0 - Anions, Ion Chromatography - Soluble

Client Sample ID: CS-45 (4')

Lab Sample ID: 880-19118-45

Date Collected: 09/12/22 00:00

Matrix: Solid

Date Received: 09/12/22 16:07

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000996	U	0.000996		mg/Kg		09/15/22 16:56	09/16/22 17:08	1
Toluene	<0.00498	U	0.00498		mg/Kg		09/15/22 16:56	09/16/22 17:08	1
Ethylbenzene	<0.000996	U	0.000996		mg/Kg		09/15/22 16:56	09/16/22 17:08	1
m,p-Xylenes	<0.00199	U	0.00199		mg/Kg		09/15/22 16:56	09/16/22 17:08	1
o-Xylene	<0.000996	U	0.000996		mg/Kg		09/15/22 16:56	09/16/22 17:08	1
Xylenes, Total	<0.00199	U	0.00199		mg/Kg		09/15/22 16:56	09/16/22 17:08	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	100		56 - 150	09/15/22 16:56	09/16/22 17:08	1
4-Bromofluorobenzene (Surr)	97		68 - 152	09/15/22 16:56	09/16/22 17:08	1
Dibromofluoromethane (Surr)	98		53 - 142	09/15/22 16:56	09/16/22 17:08	1
Toluene-d8 (Surr)	97		70 - 130	09/15/22 16:56	09/16/22 17:08	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00199	U	0.00199		mg/Kg			09/19/22 14:18	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			09/16/22 08:42	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		09/14/22 13:21	09/15/22 12:25	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		09/14/22 13:21	09/15/22 12:25	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		09/14/22 13:21	09/15/22 12:25	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	83		70 - 130	09/14/22 13:21	09/15/22 12:25	1
o-Terphenyl	89		70 - 130	09/14/22 13:21	09/15/22 12:25	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	221		4.99		mg/Kg			09/16/22 10:44	1

Eurofins Midland

Client Sample Results

Client: NT Global
Project/Site: South Vacuum Unit 351

Job ID: 880-19118-1
SDG: Lea Co, NM

Client Sample ID: CS-46 (4')

Lab Sample ID: 880-19118-46

Date Collected: 09/12/22 00:00

Matrix: Solid

Date Received: 09/12/22 16:07

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00100	U	0.00100		mg/Kg		09/16/22 17:49	09/16/22 19:42	1
Toluene	<0.00501	U	0.00501		mg/Kg		09/16/22 17:49	09/16/22 19:42	1
Ethylbenzene	<0.00100	U	0.00100		mg/Kg		09/16/22 17:49	09/16/22 19:42	1
m,p-Xylenes	<0.00200	U	0.00200		mg/Kg		09/16/22 17:49	09/16/22 19:42	1
o-Xylene	<0.00100	U	0.00100		mg/Kg		09/16/22 17:49	09/16/22 19:42	1
Xylenes, Total	<0.00200	U	0.00200		mg/Kg		09/16/22 17:49	09/16/22 19:42	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	83		56 - 150	09/16/22 17:49	09/16/22 19:42	1
4-Bromofluorobenzene (Surr)	95		68 - 152	09/16/22 17:49	09/16/22 19:42	1
Dibromofluoromethane (Surr)	84		53 - 142	09/16/22 17:49	09/16/22 19:42	1
Toluene-d8 (Surr)	99		70 - 130	09/16/22 17:49	09/16/22 19:42	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00200	U	0.00200		mg/Kg			09/19/22 14:18	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			09/16/22 08:42	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		09/14/22 13:21	09/15/22 12:46	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		09/14/22 13:21	09/15/22 12:46	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		09/14/22 13:21	09/15/22 12:46	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	79		70 - 130				09/14/22 13:21	09/15/22 12:46	1
o-Terphenyl	88		70 - 130				09/14/22 13:21	09/15/22 12:46	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	461		25.0		mg/Kg			09/16/22 10:58	5

Client Sample ID: CS-47 (4')

Lab Sample ID: 880-19118-47

Date Collected: 09/12/22 00:00

Matrix: Solid

Date Received: 09/12/22 16:07

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00101	U	0.00101		mg/Kg		09/16/22 17:49	09/16/22 19:59	1
Toluene	<0.00503	U	0.00503		mg/Kg		09/16/22 17:49	09/16/22 19:59	1
Ethylbenzene	<0.00101	U	0.00101		mg/Kg		09/16/22 17:49	09/16/22 19:59	1
m,p-Xylenes	<0.00201	U	0.00201		mg/Kg		09/16/22 17:49	09/16/22 19:59	1
o-Xylene	<0.00101	U	0.00101		mg/Kg		09/16/22 17:49	09/16/22 19:59	1
Xylenes, Total	<0.00201	U	0.00201		mg/Kg		09/16/22 17:49	09/16/22 19:59	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	86		56 - 150	09/16/22 17:49	09/16/22 19:59	1

Eurofins Midland

Client Sample Results

Client: NT Global
Project/Site: South Vaccum Unit 351

Job ID: 880-19118-1
SDG: Lea Co, NM

Client Sample ID: CS-47 (4')

Lab Sample ID: 880-19118-47

Date Collected: 09/12/22 00:00

Matrix: Solid

Date Received: 09/12/22 16:07

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	96		68 - 152	09/16/22 17:49	09/16/22 19:59	1
Dibromofluoromethane (Surr)	88		53 - 142	09/16/22 17:49	09/16/22 19:59	1
Toluene-d8 (Surr)	100		70 - 130	09/16/22 17:49	09/16/22 19:59	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00201	U	0.00201		mg/Kg			09/19/22 14:18	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			09/16/22 08:42	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		09/14/22 13:21	09/15/22 13:06	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		09/14/22 13:21	09/15/22 13:06	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		09/14/22 13:21	09/15/22 13:06	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	85		70 - 130				09/14/22 13:21	09/15/22 13:06	1
o-Terphenyl	95		70 - 130				09/14/22 13:21	09/15/22 13:06	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	747		24.8		mg/Kg			09/16/22 11:03	5

Client Sample ID: CS-48 (4')

Lab Sample ID: 880-19118-48

Date Collected: 09/12/22 00:00

Matrix: Solid

Date Received: 09/12/22 16:07

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00100	U	0.00100		mg/Kg		09/15/22 16:56	09/16/22 03:15	1
Toluene	<0.00501	U	0.00501		mg/Kg		09/15/22 16:56	09/16/22 03:15	1
Ethylbenzene	<0.00100	U	0.00100		mg/Kg		09/15/22 16:56	09/16/22 03:15	1
m,p-Xylenes	<0.00200	U	0.00200		mg/Kg		09/15/22 16:56	09/16/22 03:15	1
o-Xylene	<0.00100	U	0.00100		mg/Kg		09/15/22 16:56	09/16/22 03:15	1
Xylenes, Total	<0.00200	U	0.00200		mg/Kg		09/15/22 16:56	09/16/22 03:15	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	108		56 - 150				09/15/22 16:56	09/16/22 03:15	1
4-Bromofluorobenzene (Surr)	102		68 - 152				09/15/22 16:56	09/16/22 03:15	1
Dibromofluoromethane (Surr)	102		53 - 142				09/15/22 16:56	09/16/22 03:15	1
Toluene-d8 (Surr)	92		70 - 130				09/15/22 16:56	09/16/22 03:15	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00200	U	0.00200		mg/Kg			09/19/22 14:18	1

Eurofins Midland

Client Sample Results

Client: NT Global
Project/Site: South Vacuum Unit 351

Job ID: 880-19118-1
SDG: Lea Co, NM

Client Sample ID: CS-48 (4')

Lab Sample ID: 880-19118-48

Date Collected: 09/12/22 00:00

Matrix: Solid

Date Received: 09/12/22 16:07

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			09/16/22 08:42	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		09/14/22 13:21	09/15/22 13:27	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		09/14/22 13:21	09/15/22 13:27	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		09/14/22 13:21	09/15/22 13:27	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	82		70 - 130				09/14/22 13:21	09/15/22 13:27	1
o-Terphenyl	92		70 - 130				09/14/22 13:21	09/15/22 13:27	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1050		25.0		mg/Kg			09/16/22 11:08	5

Client Sample ID: CS-49 (4')

Lab Sample ID: 880-19118-49

Date Collected: 09/12/22 00:00

Matrix: Solid

Date Received: 09/12/22 16:07

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000992	U	0.000992		mg/Kg		09/15/22 16:56	09/16/22 03:38	1
Toluene	<0.00496	U	0.00496		mg/Kg		09/15/22 16:56	09/16/22 03:38	1
Ethylbenzene	<0.000992	U	0.000992		mg/Kg		09/15/22 16:56	09/16/22 03:38	1
m,p-Xylenes	<0.00198	U	0.00198		mg/Kg		09/15/22 16:56	09/16/22 03:38	1
o-Xylene	<0.000992	U	0.000992		mg/Kg		09/15/22 16:56	09/16/22 03:38	1
Xylenes, Total	<0.00198	U	0.00198		mg/Kg		09/15/22 16:56	09/16/22 03:38	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	108		56 - 150				09/15/22 16:56	09/16/22 03:38	1
4-Bromofluorobenzene (Surr)	101		68 - 152				09/15/22 16:56	09/16/22 03:38	1
Dibromofluoromethane (Surr)	102		53 - 142				09/15/22 16:56	09/16/22 03:38	1
Toluene-d8 (Surr)	92		70 - 130				09/15/22 16:56	09/16/22 03:38	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00198	U	0.00198		mg/Kg			09/19/22 14:18	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			09/16/22 08:42	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		09/14/22 13:21	09/15/22 13:47	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		09/14/22 13:21	09/15/22 13:47	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		09/14/22 13:21	09/15/22 13:47	1

Eurofins Midland

Client Sample Results

Client: NT Global
Project/Site: South Vacuum Unit 351

Job ID: 880-19118-1
SDG: Lea Co, NM

Client Sample ID: CS-49 (4')

Lab Sample ID: 880-19118-49

Date Collected: 09/12/22 00:00

Matrix: Solid

Date Received: 09/12/22 16:07

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	84		70 - 130	09/14/22 13:21	09/15/22 13:47	1
o-Terphenyl	94		70 - 130	09/14/22 13:21	09/15/22 13:47	1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1330		25.2		mg/Kg			09/16/22 11:13	5

Method: 300.0 - Anions, Ion Chromatography - Soluble

Client Sample ID: CS-50 (4')

Lab Sample ID: 880-19118-50

Date Collected: 09/12/22 00:00

Matrix: Solid

Date Received: 09/12/22 16:07

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000992	U	0.000992		mg/Kg		09/15/22 16:56	09/16/22 04:01	1
Toluene	<0.00496	U	0.00496		mg/Kg		09/15/22 16:56	09/16/22 04:01	1
Ethylbenzene	<0.000992	U	0.000992		mg/Kg		09/15/22 16:56	09/16/22 04:01	1
m,p-Xylenes	<0.00198	U	0.00198		mg/Kg		09/15/22 16:56	09/16/22 04:01	1
o-Xylene	<0.000992	U	0.000992		mg/Kg		09/15/22 16:56	09/16/22 04:01	1
Xylenes, Total	<0.00198	U	0.00198		mg/Kg		09/15/22 16:56	09/16/22 04:01	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	109		56 - 150	09/15/22 16:56	09/16/22 04:01	1
4-Bromofluorobenzene (Surr)	102		68 - 152	09/15/22 16:56	09/16/22 04:01	1
Dibromofluoromethane (Surr)	101		53 - 142	09/15/22 16:56	09/16/22 04:01	1
Toluene-d8 (Surr)	96		70 - 130	09/15/22 16:56	09/16/22 04:01	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00198	U	0.00198		mg/Kg			09/19/22 14:18	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			09/16/22 08:42	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		09/14/22 13:21	09/15/22 14:08	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		09/14/22 13:21	09/15/22 14:08	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		09/14/22 13:21	09/15/22 14:08	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	83		70 - 130	09/14/22 13:21	09/15/22 14:08	1
o-Terphenyl	96		70 - 130	09/14/22 13:21	09/15/22 14:08	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3390		25.2		mg/Kg			09/16/22 11:18	5

Eurofins Midland

Client Sample Results

Client: NT Global
Project/Site: South Vacuum Unit 351

Job ID: 880-19118-1
SDG: Lea Co, NM

Client Sample ID: CS-51 (4')

Lab Sample ID: 880-19118-51

Date Collected: 09/12/22 00:00

Matrix: Solid

Date Received: 09/12/22 16:07

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00101	U	0.00101		mg/Kg		09/15/22 16:56	09/16/22 04:24	1
Toluene	<0.00504	U	0.00504		mg/Kg		09/15/22 16:56	09/16/22 04:24	1
Ethylbenzene	<0.00101	U	0.00101		mg/Kg		09/15/22 16:56	09/16/22 04:24	1
m,p-Xylenes	<0.00202	U	0.00202		mg/Kg		09/15/22 16:56	09/16/22 04:24	1
o-Xylene	<0.00101	U	0.00101		mg/Kg		09/15/22 16:56	09/16/22 04:24	1
Xylenes, Total	<0.00202	U	0.00202		mg/Kg		09/15/22 16:56	09/16/22 04:24	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	108		56 - 150	09/15/22 16:56	09/16/22 04:24	1
4-Bromofluorobenzene (Surr)	103		68 - 152	09/15/22 16:56	09/16/22 04:24	1
Dibromofluoromethane (Surr)	104		53 - 142	09/15/22 16:56	09/16/22 04:24	1
Toluene-d8 (Surr)	93		70 - 130	09/15/22 16:56	09/16/22 04:24	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00202	U	0.00202		mg/Kg			09/19/22 14:18	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			09/16/22 08:42	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		09/14/22 13:21	09/15/22 14:53	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		09/14/22 13:21	09/15/22 14:53	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		09/14/22 13:21	09/15/22 14:53	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	93		70 - 130				09/14/22 13:21	09/15/22 14:53	1
o-Terphenyl	106		70 - 130				09/14/22 13:21	09/15/22 14:53	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	493		5.02		mg/Kg			09/16/22 11:23	1

Client Sample ID: CS-52 (4')

Lab Sample ID: 880-19118-52

Date Collected: 09/12/22 00:00

Matrix: Solid

Date Received: 09/12/22 16:07

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000990	U	0.000990		mg/Kg		09/15/22 16:56	09/16/22 02:52	1
Toluene	<0.00495	U	0.00495		mg/Kg		09/15/22 16:56	09/16/22 02:52	1
Ethylbenzene	<0.000990	U	0.000990		mg/Kg		09/15/22 16:56	09/16/22 02:52	1
m,p-Xylenes	<0.00198	U	0.00198		mg/Kg		09/15/22 16:56	09/16/22 02:52	1
o-Xylene	<0.000990	U	0.000990		mg/Kg		09/15/22 16:56	09/16/22 02:52	1
Xylenes, Total	<0.00198	U	0.00198		mg/Kg		09/15/22 16:56	09/16/22 02:52	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	109		56 - 150	09/15/22 16:56	09/16/22 02:52	1

Eurofins Midland

Client Sample Results

Client: NT Global
Project/Site: South Vaccum Unit 351

Job ID: 880-19118-1
SDG: Lea Co, NM

Client Sample ID: CS-52 (4')

Lab Sample ID: 880-19118-52

Date Collected: 09/12/22 00:00

Matrix: Solid

Date Received: 09/12/22 16:07

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		68 - 152	09/15/22 16:56	09/16/22 02:52	1
Dibromofluoromethane (Surr)	103		53 - 142	09/15/22 16:56	09/16/22 02:52	1
Toluene-d8 (Surr)	94		70 - 130	09/15/22 16:56	09/16/22 02:52	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00198	U	0.00198		mg/Kg			09/19/22 14:18	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			09/16/22 08:42	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		09/14/22 13:21	09/15/22 15:14	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		09/14/22 13:21	09/15/22 15:14	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		09/14/22 13:21	09/15/22 15:14	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	93		70 - 130				09/14/22 13:21	09/15/22 15:14	1
o-Terphenyl	107		70 - 130				09/14/22 13:21	09/15/22 15:14	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	897		49.7		mg/Kg			09/16/22 11:42	10

Client Sample ID: CS-53 (4')

Lab Sample ID: 880-19118-53

Date Collected: 09/12/22 00:00

Matrix: Solid

Date Received: 09/12/22 16:07

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00100	U	0.00100		mg/Kg		09/15/22 16:56	09/16/22 04:47	1
Toluene	<0.00500	U	0.00500		mg/Kg		09/15/22 16:56	09/16/22 04:47	1
Ethylbenzene	<0.00100	U	0.00100		mg/Kg		09/15/22 16:56	09/16/22 04:47	1
m,p-Xylenes	<0.00200	U	0.00200		mg/Kg		09/15/22 16:56	09/16/22 04:47	1
o-Xylene	<0.00100	U	0.00100		mg/Kg		09/15/22 16:56	09/16/22 04:47	1
Xylenes, Total	<0.00200	U	0.00200		mg/Kg		09/15/22 16:56	09/16/22 04:47	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	105		56 - 150				09/15/22 16:56	09/16/22 04:47	1
4-Bromofluorobenzene (Surr)	101		68 - 152				09/15/22 16:56	09/16/22 04:47	1
Dibromofluoromethane (Surr)	98		53 - 142				09/15/22 16:56	09/16/22 04:47	1
Toluene-d8 (Surr)	93		70 - 130				09/15/22 16:56	09/16/22 04:47	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00200	U	0.00200		mg/Kg			09/19/22 14:18	1

Eurofins Midland

Client Sample Results

Client: NT Global
Project/Site: South Vacuum Unit 351

Job ID: 880-19118-1
SDG: Lea Co, NM

Client Sample ID: CS-53 (4')

Lab Sample ID: 880-19118-53

Date Collected: 09/12/22 00:00

Matrix: Solid

Date Received: 09/12/22 16:07

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			09/16/22 08:42	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		09/14/22 13:21	09/15/22 15:35	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		09/14/22 13:21	09/15/22 15:35	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		09/14/22 13:21	09/15/22 15:35	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	95		70 - 130				09/14/22 13:21	09/15/22 15:35	1
o-Terphenyl	108		70 - 130				09/14/22 13:21	09/15/22 15:35	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	184		4.99		mg/Kg			09/16/22 11:47	1

Client Sample ID: CS-54 (4')

Lab Sample ID: 880-19118-54

Date Collected: 09/12/22 00:00

Matrix: Solid

Date Received: 09/12/22 16:07

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000998	U	0.000998		mg/Kg		09/15/22 16:56	09/16/22 05:10	1
Toluene	<0.00499	U	0.00499		mg/Kg		09/15/22 16:56	09/16/22 05:10	1
Ethylbenzene	<0.000998	U	0.000998		mg/Kg		09/15/22 16:56	09/16/22 05:10	1
m,p-Xylenes	<0.00200	U	0.00200		mg/Kg		09/15/22 16:56	09/16/22 05:10	1
o-Xylene	<0.000998	U	0.000998		mg/Kg		09/15/22 16:56	09/16/22 05:10	1
Xylenes, Total	<0.00200	U	0.00200		mg/Kg		09/15/22 16:56	09/16/22 05:10	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	104		56 - 150				09/15/22 16:56	09/16/22 05:10	1
4-Bromofluorobenzene (Surr)	104		68 - 152				09/15/22 16:56	09/16/22 05:10	1
Dibromofluoromethane (Surr)	101		53 - 142				09/15/22 16:56	09/16/22 05:10	1
Toluene-d8 (Surr)	94		70 - 130				09/15/22 16:56	09/16/22 05:10	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00200	U	0.00200		mg/Kg			09/19/22 14:18	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			09/16/22 08:42	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		09/14/22 13:21	09/15/22 15:56	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		09/14/22 13:21	09/15/22 15:56	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		09/14/22 13:21	09/15/22 15:56	1

Eurofins Midland

Client Sample Results

Client: NT Global
Project/Site: South Vacuum Unit 351

Job ID: 880-19118-1
SDG: Lea Co, NM

Client Sample ID: CS-54 (4')

Lab Sample ID: 880-19118-54

Date Collected: 09/12/22 00:00

Matrix: Solid

Date Received: 09/12/22 16:07

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	85		70 - 130	09/14/22 13:21	09/15/22 15:56	1
o-Terphenyl	96		70 - 130	09/14/22 13:21	09/15/22 15:56	1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	179		5.02		mg/Kg			09/16/22 12:02	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Client Sample ID: CS-55 (4')

Lab Sample ID: 880-19118-55

Date Collected: 09/12/22 00:00

Matrix: Solid

Date Received: 09/12/22 16:07

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00100	U	0.00100		mg/Kg		09/15/22 16:56	09/16/22 05:32	1
Toluene	<0.00502	U	0.00502		mg/Kg		09/15/22 16:56	09/16/22 05:32	1
Ethylbenzene	<0.00100	U	0.00100		mg/Kg		09/15/22 16:56	09/16/22 05:32	1
m,p-Xylenes	<0.00201	U	0.00201		mg/Kg		09/15/22 16:56	09/16/22 05:32	1
o-Xylene	<0.00100	U	0.00100		mg/Kg		09/15/22 16:56	09/16/22 05:32	1
Xylenes, Total	<0.00201	U	0.00201		mg/Kg		09/15/22 16:56	09/16/22 05:32	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	108		56 - 150	09/15/22 16:56	09/16/22 05:32	1
4-Bromofluorobenzene (Surr)	103		68 - 152	09/15/22 16:56	09/16/22 05:32	1
Dibromofluoromethane (Surr)	101		53 - 142	09/15/22 16:56	09/16/22 05:32	1
Toluene-d8 (Surr)	95		70 - 130	09/15/22 16:56	09/16/22 05:32	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00201	U	0.00201		mg/Kg			09/19/22 14:18	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			09/16/22 08:42	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		09/14/22 13:21	09/15/22 16:17	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		09/14/22 13:21	09/15/22 16:17	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		09/14/22 13:21	09/15/22 16:17	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	89		70 - 130	09/14/22 13:21	09/15/22 16:17	1
o-Terphenyl	99		70 - 130	09/14/22 13:21	09/15/22 16:17	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	388		24.9		mg/Kg			09/16/22 12:06	5

Eurofins Midland

Client Sample Results

Client: NT Global
Project/Site: South Vacuum Unit 351

Job ID: 880-19118-1
SDG: Lea Co, NM

Client Sample ID: CS-56 (4')

Lab Sample ID: 880-19118-56

Date Collected: 09/12/22 00:00

Matrix: Solid

Date Received: 09/12/22 16:07

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00101	U	0.00101		mg/Kg		09/15/22 16:56	09/16/22 05:55	1
Toluene	<0.00504	U	0.00504		mg/Kg		09/15/22 16:56	09/16/22 05:55	1
Ethylbenzene	<0.00101	U	0.00101		mg/Kg		09/15/22 16:56	09/16/22 05:55	1
m,p-Xylenes	<0.00202	U	0.00202		mg/Kg		09/15/22 16:56	09/16/22 05:55	1
o-Xylene	<0.00101	U	0.00101		mg/Kg		09/15/22 16:56	09/16/22 05:55	1
Xylenes, Total	<0.00202	U	0.00202		mg/Kg		09/15/22 16:56	09/16/22 05:55	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	108		56 - 150	09/15/22 16:56	09/16/22 05:55	1
4-Bromofluorobenzene (Surr)	103		68 - 152	09/15/22 16:56	09/16/22 05:55	1
Dibromofluoromethane (Surr)	103		53 - 142	09/15/22 16:56	09/16/22 05:55	1
Toluene-d8 (Surr)	93		70 - 130	09/15/22 16:56	09/16/22 05:55	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00202	U	0.00202		mg/Kg			09/19/22 14:18	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			09/16/22 08:42	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		09/14/22 13:21	09/15/22 16:38	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		09/14/22 13:21	09/15/22 16:38	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		09/14/22 13:21	09/15/22 16:38	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	79		70 - 130				09/14/22 13:21	09/15/22 16:38	1
o-Terphenyl	89		70 - 130				09/14/22 13:21	09/15/22 16:38	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	523		50.0		mg/Kg			09/16/22 12:11	10

Client Sample ID: CS-57 (4')

Lab Sample ID: 880-19118-57

Date Collected: 09/12/22 00:00

Matrix: Solid

Date Received: 09/12/22 16:07

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00100	U	0.00100		mg/Kg		09/15/22 16:56	09/16/22 06:19	1
Toluene	<0.00501	U	0.00501		mg/Kg		09/15/22 16:56	09/16/22 06:19	1
Ethylbenzene	<0.00100	U	0.00100		mg/Kg		09/15/22 16:56	09/16/22 06:19	1
m,p-Xylenes	<0.00200	U	0.00200		mg/Kg		09/15/22 16:56	09/16/22 06:19	1
o-Xylene	<0.00100	U	0.00100		mg/Kg		09/15/22 16:56	09/16/22 06:19	1
Xylenes, Total	<0.00200	U	0.00200		mg/Kg		09/15/22 16:56	09/16/22 06:19	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	112		56 - 150	09/15/22 16:56	09/16/22 06:19	1

Eurofins Midland

Client Sample Results

Client: NT Global
Project/Site: South Vaccum Unit 351

Job ID: 880-19118-1
SDG: Lea Co, NM

Client Sample ID: CS-57 (4')

Lab Sample ID: 880-19118-57

Date Collected: 09/12/22 00:00

Matrix: Solid

Date Received: 09/12/22 16:07

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	101		68 - 152	09/15/22 16:56	09/16/22 06:19	1
Dibromofluoromethane (Surr)	104		53 - 142	09/15/22 16:56	09/16/22 06:19	1
Toluene-d8 (Surr)	93		70 - 130	09/15/22 16:56	09/16/22 06:19	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00200	U	0.00200		mg/Kg			09/19/22 14:18	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			09/16/22 08:42	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		09/14/22 13:21	09/15/22 16:58	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		09/14/22 13:21	09/15/22 16:58	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		09/14/22 13:21	09/15/22 16:58	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	95		70 - 130				09/14/22 13:21	09/15/22 16:58	1
o-Terphenyl	108		70 - 130				09/14/22 13:21	09/15/22 16:58	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1040		50.3		mg/Kg			09/16/22 12:16	10

Client Sample ID: CS-58 (4')

Lab Sample ID: 880-19118-58

Date Collected: 09/12/22 00:00

Matrix: Solid

Date Received: 09/12/22 16:07

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00100	U	0.00100		mg/Kg		09/15/22 16:56	09/16/22 06:41	1
Toluene	<0.00501	U	0.00501		mg/Kg		09/15/22 16:56	09/16/22 06:41	1
Ethylbenzene	<0.00100	U	0.00100		mg/Kg		09/15/22 16:56	09/16/22 06:41	1
m,p-Xylenes	<0.00200	U	0.00200		mg/Kg		09/15/22 16:56	09/16/22 06:41	1
o-Xylene	<0.00100	U	0.00100		mg/Kg		09/15/22 16:56	09/16/22 06:41	1
Xylenes, Total	<0.00200	U	0.00200		mg/Kg		09/15/22 16:56	09/16/22 06:41	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	109		56 - 150				09/15/22 16:56	09/16/22 06:41	1
4-Bromofluorobenzene (Surr)	101		68 - 152				09/15/22 16:56	09/16/22 06:41	1
Dibromofluoromethane (Surr)	103		53 - 142				09/15/22 16:56	09/16/22 06:41	1
Toluene-d8 (Surr)	94		70 - 130				09/15/22 16:56	09/16/22 06:41	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00200	U	0.00200		mg/Kg			09/19/22 14:18	1

Eurofins Midland

Client Sample Results

Client: NT Global
Project/Site: South Vacuum Unit 351

Job ID: 880-19118-1
SDG: Lea Co, NM

Client Sample ID: CS-58 (4')

Lab Sample ID: 880-19118-58

Date Collected: 09/12/22 00:00

Matrix: Solid

Date Received: 09/12/22 16:07

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			09/16/22 08:42	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		09/14/22 13:21	09/15/22 17:19	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		09/14/22 13:21	09/15/22 17:19	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		09/14/22 13:21	09/15/22 17:19	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	93		70 - 130				09/14/22 13:21	09/15/22 17:19	1
o-Terphenyl	106		70 - 130				09/14/22 13:21	09/15/22 17:19	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	635		25.2		mg/Kg			09/16/22 12:21	5

Client Sample ID: CS-59 (4')

Lab Sample ID: 880-19118-59

Date Collected: 09/12/22 00:00

Matrix: Solid

Date Received: 09/12/22 16:07

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00100	U	0.00100		mg/Kg		09/15/22 16:56	09/16/22 07:04	1
Toluene	<0.00502	U	0.00502		mg/Kg		09/15/22 16:56	09/16/22 07:04	1
Ethylbenzene	<0.00100	U	0.00100		mg/Kg		09/15/22 16:56	09/16/22 07:04	1
m,p-Xylenes	<0.00201	U	0.00201		mg/Kg		09/15/22 16:56	09/16/22 07:04	1
o-Xylene	<0.00100	U	0.00100		mg/Kg		09/15/22 16:56	09/16/22 07:04	1
Xylenes, Total	<0.00201	U	0.00201		mg/Kg		09/15/22 16:56	09/16/22 07:04	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	109		56 - 150				09/15/22 16:56	09/16/22 07:04	1
4-Bromofluorobenzene (Surr)	101		68 - 152				09/15/22 16:56	09/16/22 07:04	1
Dibromofluoromethane (Surr)	101		53 - 142				09/15/22 16:56	09/16/22 07:04	1
Toluene-d8 (Surr)	94		70 - 130				09/15/22 16:56	09/16/22 07:04	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00201	U	0.00201		mg/Kg			09/19/22 14:18	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			09/16/22 08:42	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		09/14/22 13:21	09/15/22 17:40	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		09/14/22 13:21	09/15/22 17:40	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		09/14/22 13:21	09/15/22 17:40	1

Eurofins Midland

Client Sample Results

Client: NT Global
Project/Site: South Vacuum Unit 351

Job ID: 880-19118-1
SDG: Lea Co, NM

Client Sample ID: CS-59 (4')

Lab Sample ID: 880-19118-59

Date Collected: 09/12/22 00:00

Matrix: Solid

Date Received: 09/12/22 16:07

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	88		70 - 130	09/14/22 13:21	09/15/22 17:40	1
o-Terphenyl	99		70 - 130	09/14/22 13:21	09/15/22 17:40	1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1320		24.8		mg/Kg			09/16/22 12:26	5

Method: 300.0 - Anions, Ion Chromatography - Soluble

Client Sample ID: CS-60 (4')

Lab Sample ID: 880-19118-60

Date Collected: 09/12/22 00:00

Matrix: Solid

Date Received: 09/12/22 16:07

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000998	U	0.000998		mg/Kg		09/15/22 16:56	09/16/22 07:27	1
Toluene	<0.00499	U	0.00499		mg/Kg		09/15/22 16:56	09/16/22 07:27	1
Ethylbenzene	<0.000998	U	0.000998		mg/Kg		09/15/22 16:56	09/16/22 07:27	1
m,p-Xylenes	<0.00200	U	0.00200		mg/Kg		09/15/22 16:56	09/16/22 07:27	1
o-Xylene	<0.000998	U	0.000998		mg/Kg		09/15/22 16:56	09/16/22 07:27	1
Xylenes, Total	<0.00200	U	0.00200		mg/Kg		09/15/22 16:56	09/16/22 07:27	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	110		56 - 150	09/15/22 16:56	09/16/22 07:27	1
4-Bromofluorobenzene (Surr)	102		68 - 152	09/15/22 16:56	09/16/22 07:27	1
Dibromofluoromethane (Surr)	104		53 - 142	09/15/22 16:56	09/16/22 07:27	1
Toluene-d8 (Surr)	94		70 - 130	09/15/22 16:56	09/16/22 07:27	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00200	U	0.00200		mg/Kg			09/19/22 14:18	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			09/16/22 08:42	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		09/14/22 13:21	09/15/22 18:01	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		09/14/22 13:21	09/15/22 18:01	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		09/14/22 13:21	09/15/22 18:01	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	85		70 - 130	09/14/22 13:21	09/15/22 18:01	1
o-Terphenyl	92		70 - 130	09/14/22 13:21	09/15/22 18:01	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1740		25.2		mg/Kg			09/16/22 12:31	5

Eurofins Midland

Client Sample Results

Client: NT Global
Project/Site: South Vacuum Unit 351

Job ID: 880-19118-1
SDG: Lea Co, NM

Client Sample ID: CS-61 (4')

Lab Sample ID: 880-19118-61

Date Collected: 09/12/22 00:00

Matrix: Solid

Date Received: 09/12/22 16:07

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000992	U	0.000992		mg/Kg		09/15/22 16:56	09/16/22 07:50	1
Toluene	<0.00496	U	0.00496		mg/Kg		09/15/22 16:56	09/16/22 07:50	1
Ethylbenzene	<0.000992	U	0.000992		mg/Kg		09/15/22 16:56	09/16/22 07:50	1
m,p-Xylenes	<0.00198	U	0.00198		mg/Kg		09/15/22 16:56	09/16/22 07:50	1
o-Xylene	<0.000992	U	0.000992		mg/Kg		09/15/22 16:56	09/16/22 07:50	1
Xylenes, Total	<0.00198	U	0.00198		mg/Kg		09/15/22 16:56	09/16/22 07:50	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	107		56 - 150	09/15/22 16:56	09/16/22 07:50	1
4-Bromofluorobenzene (Surr)	101		68 - 152	09/15/22 16:56	09/16/22 07:50	1
Dibromofluoromethane (Surr)	103		53 - 142	09/15/22 16:56	09/16/22 07:50	1
Toluene-d8 (Surr)	94		70 - 130	09/15/22 16:56	09/16/22 07:50	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00198	U	0.00198		mg/Kg			09/19/22 14:18	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			09/16/22 08:42	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		09/14/22 13:25	09/15/22 20:09	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		09/14/22 13:25	09/15/22 20:09	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		09/14/22 13:25	09/15/22 20:09	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	98		70 - 130				09/14/22 13:25	09/15/22 20:09	1
o-Terphenyl	96		70 - 130				09/14/22 13:25	09/15/22 20:09	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	4270	F1	49.9		mg/Kg			09/16/22 02:11	10

Client Sample ID: CS-62 (4')

Lab Sample ID: 880-19118-62

Date Collected: 09/12/22 00:00

Matrix: Solid

Date Received: 09/12/22 16:07

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000990	U	0.000990		mg/Kg		09/15/22 16:56	09/16/22 08:13	1
Toluene	<0.00495	U	0.00495		mg/Kg		09/15/22 16:56	09/16/22 08:13	1
Ethylbenzene	<0.000990	U	0.000990		mg/Kg		09/15/22 16:56	09/16/22 08:13	1
m,p-Xylenes	<0.00198	U	0.00198		mg/Kg		09/15/22 16:56	09/16/22 08:13	1
o-Xylene	<0.000990	U	0.000990		mg/Kg		09/15/22 16:56	09/16/22 08:13	1
Xylenes, Total	<0.00198	U	0.00198		mg/Kg		09/15/22 16:56	09/16/22 08:13	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	111		56 - 150	09/15/22 16:56	09/16/22 08:13	1

Eurofins Midland

Client Sample Results

Client: NT Global
Project/Site: South Vaccum Unit 351

Job ID: 880-19118-1
SDG: Lea Co, NM

Client Sample ID: CS-62 (4')

Lab Sample ID: 880-19118-62

Date Collected: 09/12/22 00:00

Matrix: Solid

Date Received: 09/12/22 16:07

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		68 - 152	09/15/22 16:56	09/16/22 08:13	1
Dibromofluoromethane (Surr)	105		53 - 142	09/15/22 16:56	09/16/22 08:13	1
Toluene-d8 (Surr)	95		70 - 130	09/15/22 16:56	09/16/22 08:13	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00198	U	0.00198		mg/Kg			09/19/22 14:18	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			09/16/22 08:42	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		09/14/22 13:25	09/15/22 21:14	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		09/14/22 13:25	09/15/22 21:14	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		09/14/22 13:25	09/15/22 21:14	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	119		70 - 130				09/14/22 13:25	09/15/22 21:14	1
o-Terphenyl	113		70 - 130				09/14/22 13:25	09/15/22 21:14	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1050		25.1		mg/Kg			09/16/22 02:34	5

Client Sample ID: CS-63 (4')

Lab Sample ID: 880-19118-63

Date Collected: 09/12/22 00:00

Matrix: Solid

Date Received: 09/12/22 16:07

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000992	U	0.000992		mg/Kg		09/15/22 16:56	09/16/22 08:36	1
Toluene	<0.00496	U	0.00496		mg/Kg		09/15/22 16:56	09/16/22 08:36	1
Ethylbenzene	<0.000992	U	0.000992		mg/Kg		09/15/22 16:56	09/16/22 08:36	1
m,p-Xylenes	<0.00198	U	0.00198		mg/Kg		09/15/22 16:56	09/16/22 08:36	1
o-Xylene	<0.000992	U	0.000992		mg/Kg		09/15/22 16:56	09/16/22 08:36	1
Xylenes, Total	<0.00198	U	0.00198		mg/Kg		09/15/22 16:56	09/16/22 08:36	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	115		56 - 150				09/15/22 16:56	09/16/22 08:36	1
4-Bromofluorobenzene (Surr)	101		68 - 152				09/15/22 16:56	09/16/22 08:36	1
Dibromofluoromethane (Surr)	103		53 - 142				09/15/22 16:56	09/16/22 08:36	1
Toluene-d8 (Surr)	93		70 - 130				09/15/22 16:56	09/16/22 08:36	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00198	U	0.00198		mg/Kg			09/19/22 14:18	1

Eurofins Midland

Client Sample Results

Client: NT Global
Project/Site: South Vacuum Unit 351

Job ID: 880-19118-1
SDG: Lea Co, NM

Client Sample ID: CS-63 (4')

Lab Sample ID: 880-19118-63

Date Collected: 09/12/22 00:00

Matrix: Solid

Date Received: 09/12/22 16:07

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			09/16/22 08:42	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		09/14/22 13:25	09/15/22 21:36	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		09/14/22 13:25	09/15/22 21:36	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		09/14/22 13:25	09/15/22 21:36	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	99		70 - 130				09/14/22 13:25	09/15/22 21:36	1
o-Terphenyl	98		70 - 130				09/14/22 13:25	09/15/22 21:36	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	374		5.04		mg/Kg			09/16/22 02:41	1

Client Sample ID: CS-64 (4')

Lab Sample ID: 880-19118-64

Date Collected: 09/12/22 00:00

Matrix: Solid

Date Received: 09/12/22 16:07

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000998	U	0.000998		mg/Kg		09/15/22 16:56	09/16/22 08:59	1
Toluene	<0.00499	U	0.00499		mg/Kg		09/15/22 16:56	09/16/22 08:59	1
Ethylbenzene	<0.000998	U	0.000998		mg/Kg		09/15/22 16:56	09/16/22 08:59	1
m,p-Xylenes	<0.00200	U	0.00200		mg/Kg		09/15/22 16:56	09/16/22 08:59	1
o-Xylene	<0.000998	U	0.000998		mg/Kg		09/15/22 16:56	09/16/22 08:59	1
Xylenes, Total	<0.00200	U	0.00200		mg/Kg		09/15/22 16:56	09/16/22 08:59	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	111		56 - 150				09/15/22 16:56	09/16/22 08:59	1
4-Bromofluorobenzene (Surr)	100		68 - 152				09/15/22 16:56	09/16/22 08:59	1
Dibromofluoromethane (Surr)	105		53 - 142				09/15/22 16:56	09/16/22 08:59	1
Toluene-d8 (Surr)	93		70 - 130				09/15/22 16:56	09/16/22 08:59	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00200	U	0.00200		mg/Kg			09/19/22 14:18	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			09/16/22 08:42	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		09/14/22 13:25	09/15/22 21:57	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		09/14/22 13:25	09/15/22 21:57	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		09/14/22 13:25	09/15/22 21:57	1

Eurofins Midland

Client Sample Results

Client: NT Global
Project/Site: South Vacuum Unit 351

Job ID: 880-19118-1
SDG: Lea Co, NM

Client Sample ID: CS-64 (4')

Lab Sample ID: 880-19118-64

Date Collected: 09/12/22 00:00

Matrix: Solid

Date Received: 09/12/22 16:07

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	120		70 - 130	09/14/22 13:25	09/15/22 21:57	1
o-Terphenyl	114		70 - 130	09/14/22 13:25	09/15/22 21:57	1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1150		25.2		mg/Kg			09/16/22 02:49	5

Method: 300.0 - Anions, Ion Chromatography - Soluble

Client Sample ID: CS-65 (4')

Lab Sample ID: 880-19118-65

Date Collected: 09/12/22 00:00

Matrix: Solid

Date Received: 09/12/22 16:07

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00100	U	0.00100		mg/Kg		09/15/22 16:56	09/16/22 09:22	1
Toluene	<0.00502	U	0.00502		mg/Kg		09/15/22 16:56	09/16/22 09:22	1
Ethylbenzene	<0.00100	U	0.00100		mg/Kg		09/15/22 16:56	09/16/22 09:22	1
m,p-Xylenes	<0.00201	U	0.00201		mg/Kg		09/15/22 16:56	09/16/22 09:22	1
o-Xylene	<0.00100	U	0.00100		mg/Kg		09/15/22 16:56	09/16/22 09:22	1
Xylenes, Total	<0.00201	U	0.00201		mg/Kg		09/15/22 16:56	09/16/22 09:22	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	104		56 - 150	09/15/22 16:56	09/16/22 09:22	1
4-Bromofluorobenzene (Surr)	102		68 - 152	09/15/22 16:56	09/16/22 09:22	1
Dibromofluoromethane (Surr)	106		53 - 142	09/15/22 16:56	09/16/22 09:22	1
Toluene-d8 (Surr)	95		70 - 130	09/15/22 16:56	09/16/22 09:22	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00201	U	0.00201		mg/Kg			09/19/22 14:18	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			09/16/22 08:42	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		09/14/22 13:25	09/15/22 22:19	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		09/14/22 13:25	09/15/22 22:19	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		09/14/22 13:25	09/15/22 22:19	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	104		70 - 130	09/14/22 13:25	09/15/22 22:19	1
o-Terphenyl	105		70 - 130	09/14/22 13:25	09/15/22 22:19	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	685		50.0		mg/Kg			09/16/22 02:56	10

Eurofins Midland

Client Sample Results

Client: NT Global
Project/Site: South Vacuum Unit 351

Job ID: 880-19118-1
SDG: Lea Co, NM

Client Sample ID: CS-66 (4')

Lab Sample ID: 880-19118-66

Date Collected: 09/12/22 00:00

Matrix: Solid

Date Received: 09/12/22 16:07

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00101	U	0.00101		mg/Kg		09/15/22 16:56	09/16/22 09:45	1
Toluene	<0.00504	U	0.00504		mg/Kg		09/15/22 16:56	09/16/22 09:45	1
Ethylbenzene	<0.00101	U	0.00101		mg/Kg		09/15/22 16:56	09/16/22 09:45	1
m,p-Xylenes	<0.00202	U	0.00202		mg/Kg		09/15/22 16:56	09/16/22 09:45	1
o-Xylene	<0.00101	U	0.00101		mg/Kg		09/15/22 16:56	09/16/22 09:45	1
Xylenes, Total	<0.00202	U	0.00202		mg/Kg		09/15/22 16:56	09/16/22 09:45	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	111		56 - 150	09/15/22 16:56	09/16/22 09:45	1
4-Bromofluorobenzene (Surr)	98		68 - 152	09/15/22 16:56	09/16/22 09:45	1
Dibromofluoromethane (Surr)	106		53 - 142	09/15/22 16:56	09/16/22 09:45	1
Toluene-d8 (Surr)	92		70 - 130	09/15/22 16:56	09/16/22 09:45	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00202	U	0.00202		mg/Kg			09/19/22 14:18	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			09/16/22 08:42	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		09/14/22 13:25	09/15/22 22:41	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		09/14/22 13:25	09/15/22 22:41	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		09/14/22 13:25	09/15/22 22:41	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	104		70 - 130				09/14/22 13:25	09/15/22 22:41	1
o-Terphenyl	106		70 - 130				09/14/22 13:25	09/15/22 22:41	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	556		25.0		mg/Kg			09/16/22 03:19	5

Client Sample ID: CS-67 (4')

Lab Sample ID: 880-19118-67

Date Collected: 09/12/22 00:00

Matrix: Solid

Date Received: 09/12/22 16:07

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00101	U	0.00101		mg/Kg		09/15/22 16:56	09/16/22 10:08	1
Toluene	<0.00504	U	0.00504		mg/Kg		09/15/22 16:56	09/16/22 10:08	1
Ethylbenzene	<0.00101	U	0.00101		mg/Kg		09/15/22 16:56	09/16/22 10:08	1
m,p-Xylenes	<0.00202	U	0.00202		mg/Kg		09/15/22 16:56	09/16/22 10:08	1
o-Xylene	<0.00101	U	0.00101		mg/Kg		09/15/22 16:56	09/16/22 10:08	1
Xylenes, Total	<0.00202	U	0.00202		mg/Kg		09/15/22 16:56	09/16/22 10:08	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	103		56 - 150	09/15/22 16:56	09/16/22 10:08	1

Eurofins Midland

Client Sample Results

Client: NT Global
Project/Site: South Vaccum Unit 351

Job ID: 880-19118-1
SDG: Lea Co, NM

Client Sample ID: CS-67 (4')

Lab Sample ID: 880-19118-67

Date Collected: 09/12/22 00:00

Matrix: Solid

Date Received: 09/12/22 16:07

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	99		68 - 152	09/15/22 16:56	09/16/22 10:08	1
Dibromofluoromethane (Surr)	111		53 - 142	09/15/22 16:56	09/16/22 10:08	1
Toluene-d8 (Surr)	94		70 - 130	09/15/22 16:56	09/16/22 10:08	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00202	U	0.00202		mg/Kg			09/19/22 14:18	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			09/16/22 08:42	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		09/14/22 13:25	09/15/22 23:02	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		09/14/22 13:25	09/15/22 23:02	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		09/14/22 13:25	09/15/22 23:02	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	122		70 - 130				09/14/22 13:25	09/15/22 23:02	1
o-Terphenyl	116		70 - 130				09/14/22 13:25	09/15/22 23:02	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	901		49.6		mg/Kg			09/16/22 03:26	10

Client Sample ID: CS-68 (4')

Lab Sample ID: 880-19118-68

Date Collected: 09/12/22 00:00

Matrix: Solid

Date Received: 09/12/22 16:07

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000992	U	0.000992		mg/Kg		09/15/22 16:56	09/16/22 02:16	1
Toluene	<0.00496	U	0.00496		mg/Kg		09/15/22 16:56	09/16/22 02:16	1
Ethylbenzene	<0.000992	U	0.000992		mg/Kg		09/15/22 16:56	09/16/22 02:16	1
m,p-Xylenes	<0.00198	U	0.00198		mg/Kg		09/15/22 16:56	09/16/22 02:16	1
o-Xylene	<0.000992	U	0.000992		mg/Kg		09/15/22 16:56	09/16/22 02:16	1
Xylenes, Total	<0.00198	U	0.00198		mg/Kg		09/15/22 16:56	09/16/22 02:16	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	100		56 - 150				09/15/22 16:56	09/16/22 02:16	1
4-Bromofluorobenzene (Surr)	95		68 - 152				09/15/22 16:56	09/16/22 02:16	1
Dibromofluoromethane (Surr)	98		53 - 142				09/15/22 16:56	09/16/22 02:16	1
Toluene-d8 (Surr)	96		70 - 130				09/15/22 16:56	09/16/22 02:16	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00198	U	0.00198		mg/Kg			09/19/22 14:18	1

Eurofins Midland

Client Sample Results

Client: NT Global
Project/Site: South Vacuum Unit 351

Job ID: 880-19118-1
SDG: Lea Co, NM

Client Sample ID: CS-68 (4')

Lab Sample ID: 880-19118-68

Date Collected: 09/12/22 00:00

Matrix: Solid

Date Received: 09/12/22 16:07

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			09/16/22 08:42	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		09/14/22 13:25	09/15/22 23:24	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		09/14/22 13:25	09/15/22 23:24	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		09/14/22 13:25	09/15/22 23:24	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	103		70 - 130				09/14/22 13:25	09/15/22 23:24	1
o-Terphenyl	104		70 - 130				09/14/22 13:25	09/15/22 23:24	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	366		24.9		mg/Kg			09/16/22 03:33	5

Client Sample ID: CS-69 (4')

Lab Sample ID: 880-19118-69

Date Collected: 09/12/22 00:00

Matrix: Solid

Date Received: 09/12/22 16:07

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00101	U	0.00101		mg/Kg		09/15/22 16:56	09/16/22 02:36	1
Toluene	<0.00504	U	0.00504		mg/Kg		09/15/22 16:56	09/16/22 02:36	1
Ethylbenzene	<0.00101	U	0.00101		mg/Kg		09/15/22 16:56	09/16/22 02:36	1
m,p-Xylenes	<0.00202	U	0.00202		mg/Kg		09/15/22 16:56	09/16/22 02:36	1
o-Xylene	<0.00101	U	0.00101		mg/Kg		09/15/22 16:56	09/16/22 02:36	1
Xylenes, Total	<0.00202	U	0.00202		mg/Kg		09/15/22 16:56	09/16/22 02:36	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	102		56 - 150				09/15/22 16:56	09/16/22 02:36	1
4-Bromofluorobenzene (Surr)	94		68 - 152				09/15/22 16:56	09/16/22 02:36	1
Dibromofluoromethane (Surr)	98		53 - 142				09/15/22 16:56	09/16/22 02:36	1
Toluene-d8 (Surr)	95		70 - 130				09/15/22 16:56	09/16/22 02:36	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00202	U	0.00202		mg/Kg			09/19/22 14:18	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			09/16/22 08:42	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		09/14/22 13:25	09/15/22 23:45	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		09/14/22 13:25	09/15/22 23:45	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		09/14/22 13:25	09/15/22 23:45	1

Eurofins Midland

Client Sample Results

Client: NT Global
Project/Site: South Vaccum Unit 351

Job ID: 880-19118-1
SDG: Lea Co, NM

Client Sample ID: CS-69 (4')

Lab Sample ID: 880-19118-69

Date Collected: 09/12/22 00:00

Matrix: Solid

Date Received: 09/12/22 16:07

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	104		70 - 130	09/14/22 13:25	09/15/22 23:45	1
o-Terphenyl	101		70 - 130	09/14/22 13:25	09/15/22 23:45	1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	101		5.00		mg/Kg			09/16/22 20:21	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Client Sample ID: CS-70 (4')

Lab Sample ID: 880-19118-70

Date Collected: 09/12/22 00:00

Matrix: Solid

Date Received: 09/12/22 16:07

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000998	U	0.000998		mg/Kg		09/15/22 16:56	09/16/22 02:56	1
Toluene	<0.00499	U	0.00499		mg/Kg		09/15/22 16:56	09/16/22 02:56	1
Ethylbenzene	<0.000998	U	0.000998		mg/Kg		09/15/22 16:56	09/16/22 02:56	1
m,p-Xylenes	<0.00200	U	0.00200		mg/Kg		09/15/22 16:56	09/16/22 02:56	1
o-Xylene	<0.000998	U	0.000998		mg/Kg		09/15/22 16:56	09/16/22 02:56	1
Xylenes, Total	<0.00200	U	0.00200		mg/Kg		09/15/22 16:56	09/16/22 02:56	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	102		56 - 150	09/15/22 16:56	09/16/22 02:56	1
4-Bromofluorobenzene (Surr)	96		68 - 152	09/15/22 16:56	09/16/22 02:56	1
Dibromofluoromethane (Surr)	97		53 - 142	09/15/22 16:56	09/16/22 02:56	1
Toluene-d8 (Surr)	96		70 - 130	09/15/22 16:56	09/16/22 02:56	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00200	U	0.00200		mg/Kg			09/19/22 14:18	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			09/16/22 08:42	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		09/14/22 13:25	09/16/22 00:07	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		09/14/22 13:25	09/16/22 00:07	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		09/14/22 13:25	09/16/22 00:07	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	104		70 - 130	09/14/22 13:25	09/16/22 00:07	1
o-Terphenyl	102		70 - 130	09/14/22 13:25	09/16/22 00:07	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	103		5.05		mg/Kg			09/16/22 03:48	1

Eurofins Midland

Client Sample Results

Client: NT Global
Project/Site: South Vacuum Unit 351

Job ID: 880-19118-1
SDG: Lea Co, NM

Client Sample ID: CS-71 (4')

Lab Sample ID: 880-19118-71

Date Collected: 09/12/22 00:00

Matrix: Solid

Date Received: 09/12/22 16:07

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00101	U	0.00101		mg/Kg		09/15/22 16:56	09/16/22 01:55	1
Toluene	<0.00503	U	0.00503		mg/Kg		09/15/22 16:56	09/16/22 01:55	1
Ethylbenzene	<0.00101	U	0.00101		mg/Kg		09/15/22 16:56	09/16/22 01:55	1
m,p-Xylenes	<0.00201	U	0.00201		mg/Kg		09/15/22 16:56	09/16/22 01:55	1
o-Xylene	<0.00101	U	0.00101		mg/Kg		09/15/22 16:56	09/16/22 01:55	1
Xylenes, Total	<0.00201	U	0.00201		mg/Kg		09/15/22 16:56	09/16/22 01:55	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	103		56 - 150	09/15/22 16:56	09/16/22 01:55	1
4-Bromofluorobenzene (Surr)	95		68 - 152	09/15/22 16:56	09/16/22 01:55	1
Dibromofluoromethane (Surr)	99		53 - 142	09/15/22 16:56	09/16/22 01:55	1
Toluene-d8 (Surr)	96		70 - 130	09/15/22 16:56	09/16/22 01:55	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00201	U	0.00201		mg/Kg			09/19/22 14:18	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			09/16/22 08:42	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		09/14/22 13:25	09/16/22 00:50	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		09/14/22 13:25	09/16/22 00:50	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		09/14/22 13:25	09/16/22 00:50	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	110		70 - 130				09/14/22 13:25	09/16/22 00:50	1
o-Terphenyl	107		70 - 130				09/14/22 13:25	09/16/22 00:50	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	883		50.0		mg/Kg			09/16/22 03:56	10

Client Sample ID: CS-72 (4')

Lab Sample ID: 880-19118-72

Date Collected: 09/12/22 00:00

Matrix: Solid

Date Received: 09/12/22 16:07

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000990	U	0.000990		mg/Kg		09/15/22 16:56	09/16/22 03:17	1
Toluene	<0.00495	U	0.00495		mg/Kg		09/15/22 16:56	09/16/22 03:17	1
Ethylbenzene	<0.000990	U	0.000990		mg/Kg		09/15/22 16:56	09/16/22 03:17	1
m,p-Xylenes	<0.00198	U	0.00198		mg/Kg		09/15/22 16:56	09/16/22 03:17	1
o-Xylene	<0.000990	U	0.000990		mg/Kg		09/15/22 16:56	09/16/22 03:17	1
Xylenes, Total	<0.00198	U	0.00198		mg/Kg		09/15/22 16:56	09/16/22 03:17	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	100		56 - 150	09/15/22 16:56	09/16/22 03:17	1

Eurofins Midland

Client Sample Results

Client: NT Global
Project/Site: South Vaccum Unit 351

Job ID: 880-19118-1
SDG: Lea Co, NM

Client Sample ID: CS-72 (4')

Lab Sample ID: 880-19118-72

Date Collected: 09/12/22 00:00

Matrix: Solid

Date Received: 09/12/22 16:07

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	96		68 - 152	09/15/22 16:56	09/16/22 03:17	1
Dibromofluoromethane (Surr)	98		53 - 142	09/15/22 16:56	09/16/22 03:17	1
Toluene-d8 (Surr)	98		70 - 130	09/15/22 16:56	09/16/22 03:17	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00198	U	0.00198		mg/Kg			09/19/22 14:18	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			09/16/22 08:42	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		09/14/22 13:25	09/16/22 01:12	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		09/14/22 13:25	09/16/22 01:12	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		09/14/22 13:25	09/16/22 01:12	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	103		70 - 130				09/14/22 13:25	09/16/22 01:12	1
o-Terphenyl	102		70 - 130				09/14/22 13:25	09/16/22 01:12	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	102		5.05		mg/Kg			09/16/22 20:26	1

Client Sample ID: CS-73 (4')

Lab Sample ID: 880-19118-73

Date Collected: 09/12/22 00:00

Matrix: Solid

Date Received: 09/12/22 16:07

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00101	U	0.00101		mg/Kg		09/15/22 16:56	09/16/22 03:37	1
Toluene	<0.00505	U	0.00505		mg/Kg		09/15/22 16:56	09/16/22 03:37	1
Ethylbenzene	<0.00101	U	0.00101		mg/Kg		09/15/22 16:56	09/16/22 03:37	1
m,p-Xylenes	<0.00202	U	0.00202		mg/Kg		09/15/22 16:56	09/16/22 03:37	1
o-Xylene	<0.00101	U	0.00101		mg/Kg		09/15/22 16:56	09/16/22 03:37	1
Xylenes, Total	<0.00202	U	0.00202		mg/Kg		09/15/22 16:56	09/16/22 03:37	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	101		56 - 150				09/15/22 16:56	09/16/22 03:37	1
4-Bromofluorobenzene (Surr)	95		68 - 152				09/15/22 16:56	09/16/22 03:37	1
Dibromofluoromethane (Surr)	97		53 - 142				09/15/22 16:56	09/16/22 03:37	1
Toluene-d8 (Surr)	97		70 - 130				09/15/22 16:56	09/16/22 03:37	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00202	U	0.00202		mg/Kg			09/19/22 14:18	1

Eurofins Midland

Client Sample Results

Client: NT Global
Project/Site: South Vacuum Unit 351

Job ID: 880-19118-1
SDG: Lea Co, NM

Client Sample ID: CS-73 (4')

Lab Sample ID: 880-19118-73

Date Collected: 09/12/22 00:00

Matrix: Solid

Date Received: 09/12/22 16:07

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			09/16/22 08:42	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		09/14/22 13:25	09/16/22 01:33	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		09/14/22 13:25	09/16/22 01:33	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		09/14/22 13:25	09/16/22 01:33	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	107		70 - 130				09/14/22 13:25	09/16/22 01:33	1
o-Terphenyl	104		70 - 130				09/14/22 13:25	09/16/22 01:33	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	387		25.0		mg/Kg			09/16/22 04:26	5

Client Sample ID: CS-74 (4')

Lab Sample ID: 880-19118-74

Date Collected: 09/12/22 00:00

Matrix: Solid

Date Received: 09/12/22 16:07

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00101	U	0.00101		mg/Kg		09/15/22 16:56	09/16/22 03:58	1
Toluene	<0.00505	U	0.00505		mg/Kg		09/15/22 16:56	09/16/22 03:58	1
Ethylbenzene	<0.00101	U	0.00101		mg/Kg		09/15/22 16:56	09/16/22 03:58	1
m,p-Xylenes	<0.00202	U	0.00202		mg/Kg		09/15/22 16:56	09/16/22 03:58	1
o-Xylene	<0.00101	U	0.00101		mg/Kg		09/15/22 16:56	09/16/22 03:58	1
Xylenes, Total	<0.00202	U	0.00202		mg/Kg		09/15/22 16:56	09/16/22 03:58	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	101		56 - 150				09/15/22 16:56	09/16/22 03:58	1
4-Bromofluorobenzene (Surr)	96		68 - 152				09/15/22 16:56	09/16/22 03:58	1
Dibromofluoromethane (Surr)	98		53 - 142				09/15/22 16:56	09/16/22 03:58	1
Toluene-d8 (Surr)	98		70 - 130				09/15/22 16:56	09/16/22 03:58	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00202	U	0.00202		mg/Kg			09/19/22 14:18	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			09/16/22 08:42	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		09/14/22 13:25	09/16/22 01:54	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		09/14/22 13:25	09/16/22 01:54	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		09/14/22 13:25	09/16/22 01:54	1

Eurofins Midland

Client Sample Results

Client: NT Global
Project/Site: South Vacuum Unit 351

Job ID: 880-19118-1
SDG: Lea Co, NM

Client Sample ID: CS-74 (4')

Lab Sample ID: 880-19118-74

Date Collected: 09/12/22 00:00

Matrix: Solid

Date Received: 09/12/22 16:07

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	117		70 - 130	09/14/22 13:25	09/16/22 01:54	1
o-Terphenyl	112		70 - 130	09/14/22 13:25	09/16/22 01:54	1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	378		24.8		mg/Kg			09/16/22 04:48	5

Method: 300.0 - Anions, Ion Chromatography - Soluble

Client Sample ID: CS-75 (4')

Lab Sample ID: 880-19118-75

Date Collected: 09/12/22 00:00

Matrix: Solid

Date Received: 09/12/22 16:07

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00101	U	0.00101		mg/Kg		09/15/22 16:56	09/16/22 04:18	1
Toluene	<0.00503	U	0.00503		mg/Kg		09/15/22 16:56	09/16/22 04:18	1
Ethylbenzene	<0.00101	U	0.00101		mg/Kg		09/15/22 16:56	09/16/22 04:18	1
m,p-Xylenes	<0.00201	U	0.00201		mg/Kg		09/15/22 16:56	09/16/22 04:18	1
o-Xylene	<0.00101	U	0.00101		mg/Kg		09/15/22 16:56	09/16/22 04:18	1
Xylenes, Total	<0.00201	U	0.00201		mg/Kg		09/15/22 16:56	09/16/22 04:18	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	99		56 - 150	09/15/22 16:56	09/16/22 04:18	1
4-Bromofluorobenzene (Surr)	94		68 - 152	09/15/22 16:56	09/16/22 04:18	1
Dibromofluoromethane (Surr)	97		53 - 142	09/15/22 16:56	09/16/22 04:18	1
Toluene-d8 (Surr)	97		70 - 130	09/15/22 16:56	09/16/22 04:18	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00201	U	0.00201		mg/Kg			09/19/22 14:18	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			09/16/22 08:42	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		09/14/22 13:25	09/16/22 02:16	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		09/14/22 13:25	09/16/22 02:16	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		09/14/22 13:25	09/16/22 02:16	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	122		70 - 130	09/14/22 13:25	09/16/22 02:16	1
o-Terphenyl	117		70 - 130	09/14/22 13:25	09/16/22 02:16	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	117		4.96		mg/Kg			09/16/22 04:56	1

Eurofins Midland

Client Sample Results

Client: NT Global
Project/Site: South Vacuum Unit 351

Job ID: 880-19118-1
SDG: Lea Co, NM

Client Sample ID: CS-76 (4')

Lab Sample ID: 880-19118-76

Date Collected: 09/12/22 00:00

Matrix: Solid

Date Received: 09/12/22 16:07

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00100	U	0.00100		mg/Kg		09/15/22 16:56	09/16/22 04:39	1
Toluene	<0.00501	U	0.00501		mg/Kg		09/15/22 16:56	09/16/22 04:39	1
Ethylbenzene	<0.00100	U	0.00100		mg/Kg		09/15/22 16:56	09/16/22 04:39	1
m,p-Xylenes	<0.00200	U	0.00200		mg/Kg		09/15/22 16:56	09/16/22 04:39	1
o-Xylene	<0.00100	U	0.00100		mg/Kg		09/15/22 16:56	09/16/22 04:39	1
Xylenes, Total	<0.00200	U	0.00200		mg/Kg		09/15/22 16:56	09/16/22 04:39	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	102		56 - 150	09/15/22 16:56	09/16/22 04:39	1
4-Bromofluorobenzene (Surr)	95		68 - 152	09/15/22 16:56	09/16/22 04:39	1
Dibromofluoromethane (Surr)	100		53 - 142	09/15/22 16:56	09/16/22 04:39	1
Toluene-d8 (Surr)	98		70 - 130	09/15/22 16:56	09/16/22 04:39	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00200	U	0.00200		mg/Kg			09/19/22 14:18	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			09/16/22 08:42	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		09/14/22 13:25	09/16/22 02:37	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		09/14/22 13:25	09/16/22 02:37	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		09/14/22 13:25	09/16/22 02:37	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	120		70 - 130				09/14/22 13:25	09/16/22 02:37	1
o-Terphenyl	115		70 - 130				09/14/22 13:25	09/16/22 02:37	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	83.8		4.96		mg/Kg			09/16/22 05:03	1

Client Sample ID: SW-1

Lab Sample ID: 880-19118-77

Date Collected: 09/12/22 00:00

Matrix: Solid

Date Received: 09/12/22 16:07

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000992	U	0.000992		mg/Kg		09/15/22 16:56	09/16/22 04:59	1
Toluene	<0.00496	U	0.00496		mg/Kg		09/15/22 16:56	09/16/22 04:59	1
Ethylbenzene	<0.000992	U	0.000992		mg/Kg		09/15/22 16:56	09/16/22 04:59	1
m,p-Xylenes	<0.00198	U	0.00198		mg/Kg		09/15/22 16:56	09/16/22 04:59	1
o-Xylene	<0.000992	U	0.000992		mg/Kg		09/15/22 16:56	09/16/22 04:59	1
Xylenes, Total	<0.00198	U	0.00198		mg/Kg		09/15/22 16:56	09/16/22 04:59	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	103		56 - 150	09/15/22 16:56	09/16/22 04:59	1

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Client Sample Results

Client: NT Global
Project/Site: South Vaccum Unit 351

Job ID: 880-19118-1
SDG: Lea Co, NM

Client Sample ID: SW-1

Lab Sample ID: 880-19118-77

Date Collected: 09/12/22 00:00

Matrix: Solid

Date Received: 09/12/22 16:07

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	100		68 - 152	09/15/22 16:56	09/16/22 04:59	1
Dibromofluoromethane (Surr)	99		53 - 142	09/15/22 16:56	09/16/22 04:59	1
Toluene-d8 (Surr)	98		70 - 130	09/15/22 16:56	09/16/22 04:59	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00198	U	0.00198		mg/Kg			09/19/22 14:18	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			09/16/22 08:42	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		09/14/22 13:25	09/16/22 02:59	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		09/14/22 13:25	09/16/22 02:59	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		09/14/22 13:25	09/16/22 02:59	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	100		70 - 130				09/14/22 13:25	09/16/22 02:59	1
o-Terphenyl	99		70 - 130				09/14/22 13:25	09/16/22 02:59	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	12.4		5.03		mg/Kg			09/16/22 05:11	1

Client Sample ID: SW-2

Lab Sample ID: 880-19118-78

Date Collected: 09/12/22 00:00

Matrix: Solid

Date Received: 09/12/22 16:07

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000998	U	0.000998		mg/Kg		09/15/22 16:56	09/16/22 05:20	1
Toluene	<0.00499	U	0.00499		mg/Kg		09/15/22 16:56	09/16/22 05:20	1
Ethylbenzene	<0.000998	U	0.000998		mg/Kg		09/15/22 16:56	09/16/22 05:20	1
m,p-Xylenes	<0.00200	U	0.00200		mg/Kg		09/15/22 16:56	09/16/22 05:20	1
o-Xylene	<0.000998	U	0.000998		mg/Kg		09/15/22 16:56	09/16/22 05:20	1
Xylenes, Total	<0.00200	U	0.00200		mg/Kg		09/15/22 16:56	09/16/22 05:20	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	101		56 - 150				09/15/22 16:56	09/16/22 05:20	1
4-Bromofluorobenzene (Surr)	99		68 - 152				09/15/22 16:56	09/16/22 05:20	1
Dibromofluoromethane (Surr)	97		53 - 142				09/15/22 16:56	09/16/22 05:20	1
Toluene-d8 (Surr)	96		70 - 130				09/15/22 16:56	09/16/22 05:20	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00200	U	0.00200		mg/Kg			09/19/22 14:18	1

Eurofins Midland

Client Sample Results

Client: NT Global
Project/Site: South Vacuum Unit 351

Job ID: 880-19118-1
SDG: Lea Co, NM

Client Sample ID: SW-2

Lab Sample ID: 880-19118-78

Date Collected: 09/12/22 00:00

Matrix: Solid

Date Received: 09/12/22 16:07

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			09/16/22 08:42	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		09/14/22 13:25	09/16/22 03:20	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		09/14/22 13:25	09/16/22 03:20	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		09/14/22 13:25	09/16/22 03:20	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	98		70 - 130				09/14/22 13:25	09/16/22 03:20	1
o-Terphenyl	95		70 - 130				09/14/22 13:25	09/16/22 03:20	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	15.7		5.05		mg/Kg			09/16/22 05:18	1

Client Sample ID: SW-3

Lab Sample ID: 880-19118-79

Date Collected: 09/12/22 00:00

Matrix: Solid

Date Received: 09/12/22 16:07

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000994	U	0.000994		mg/Kg		09/15/22 16:56	09/16/22 05:40	1
Toluene	<0.00497	U	0.00497		mg/Kg		09/15/22 16:56	09/16/22 05:40	1
Ethylbenzene	<0.000994	U	0.000994		mg/Kg		09/15/22 16:56	09/16/22 05:40	1
m,p-Xylenes	<0.00199	U	0.00199		mg/Kg		09/15/22 16:56	09/16/22 05:40	1
o-Xylene	<0.000994	U	0.000994		mg/Kg		09/15/22 16:56	09/16/22 05:40	1
Xylenes, Total	<0.00199	U	0.00199		mg/Kg		09/15/22 16:56	09/16/22 05:40	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	105		56 - 150				09/15/22 16:56	09/16/22 05:40	1
4-Bromofluorobenzene (Surr)	100		68 - 152				09/15/22 16:56	09/16/22 05:40	1
Dibromofluoromethane (Surr)	99		53 - 142				09/15/22 16:56	09/16/22 05:40	1
Toluene-d8 (Surr)	97		70 - 130				09/15/22 16:56	09/16/22 05:40	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00199	U	0.00199		mg/Kg			09/19/22 14:18	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			09/16/22 08:42	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		09/14/22 13:25	09/16/22 03:42	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		09/14/22 13:25	09/16/22 03:42	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		09/14/22 13:25	09/16/22 03:42	1

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Client Sample Results

Client: NT Global
Project/Site: South Vacuum Unit 351

Job ID: 880-19118-1
SDG: Lea Co, NM

Client Sample ID: SW-3

Lab Sample ID: 880-19118-79

Date Collected: 09/12/22 00:00

Matrix: Solid

Date Received: 09/12/22 16:07

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	109		70 - 130	09/14/22 13:25	09/16/22 03:42	1
o-Terphenyl	98		70 - 130	09/14/22 13:25	09/16/22 03:42	1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	59.1		4.96		mg/Kg			09/16/22 05:26	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Client Sample ID: SW-4

Lab Sample ID: 880-19118-80

Date Collected: 09/12/22 00:00

Matrix: Solid

Date Received: 09/12/22 16:07

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000994	U	0.000994		mg/Kg		09/15/22 16:56	09/16/22 06:01	1
Toluene	<0.00497	U	0.00497		mg/Kg		09/15/22 16:56	09/16/22 06:01	1
Ethylbenzene	<0.000994	U	0.000994		mg/Kg		09/15/22 16:56	09/16/22 06:01	1
m,p-Xylenes	<0.00199	U	0.00199		mg/Kg		09/15/22 16:56	09/16/22 06:01	1
o-Xylene	<0.000994	U	0.000994		mg/Kg		09/15/22 16:56	09/16/22 06:01	1
Xylenes, Total	<0.00199	U	0.00199		mg/Kg		09/15/22 16:56	09/16/22 06:01	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	102		56 - 150	09/15/22 16:56	09/16/22 06:01	1
4-Bromofluorobenzene (Surr)	97		68 - 152	09/15/22 16:56	09/16/22 06:01	1
Dibromofluoromethane (Surr)	98		53 - 142	09/15/22 16:56	09/16/22 06:01	1
Toluene-d8 (Surr)	97		70 - 130	09/15/22 16:56	09/16/22 06:01	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00199	U	0.00199		mg/Kg			09/19/22 14:18	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			09/16/22 08:42	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		09/14/22 13:25	09/16/22 04:03	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		09/14/22 13:25	09/16/22 04:03	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		09/14/22 13:25	09/16/22 04:03	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	103		70 - 130	09/14/22 13:25	09/16/22 04:03	1
o-Terphenyl	102		70 - 130	09/14/22 13:25	09/16/22 04:03	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	35.1		5.00		mg/Kg			09/16/22 05:33	1

Eurofins Midland

Client Sample Results

Client: NT Global
Project/Site: South Vacuum Unit 351

Job ID: 880-19118-1
SDG: Lea Co, NM

Client Sample ID: SW-5

Lab Sample ID: 880-19118-81

Date Collected: 09/12/22 00:00

Matrix: Solid

Date Received: 09/12/22 16:07

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000992	U	0.000992		mg/Kg		09/15/22 17:36	09/16/22 06:21	1
Toluene	<0.00496	U	0.00496		mg/Kg		09/15/22 17:36	09/16/22 06:21	1
Ethylbenzene	<0.000992	U	0.000992		mg/Kg		09/15/22 17:36	09/16/22 06:21	1
m,p-Xylenes	<0.00198	U	0.00198		mg/Kg		09/15/22 17:36	09/16/22 06:21	1
o-Xylene	<0.000992	U	0.000992		mg/Kg		09/15/22 17:36	09/16/22 06:21	1
Xylenes, Total	<0.00198	U	0.00198		mg/Kg		09/15/22 17:36	09/16/22 06:21	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	103		56 - 150	09/15/22 17:36	09/16/22 06:21	1
4-Bromofluorobenzene (Surr)	100		68 - 152	09/15/22 17:36	09/16/22 06:21	1
Dibromofluoromethane (Surr)	98		53 - 142	09/15/22 17:36	09/16/22 06:21	1
Toluene-d8 (Surr)	97		70 - 130	09/15/22 17:36	09/16/22 06:21	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00198	U	0.00198		mg/Kg			09/19/22 14:18	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			09/16/22 08:42	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 F1	49.9		mg/Kg		09/14/22 13:28	09/15/22 20:09	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		09/14/22 13:28	09/15/22 20:09	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		09/14/22 13:28	09/15/22 20:09	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	90		70 - 130				09/14/22 13:28	09/15/22 20:09	1
o-Terphenyl	96		70 - 130				09/14/22 13:28	09/15/22 20:09	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	28.4		4.99		mg/Kg			09/16/22 18:20	1

Client Sample ID: SW-6

Lab Sample ID: 880-19118-82

Date Collected: 09/12/22 00:00

Matrix: Solid

Date Received: 09/12/22 16:07

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000992	U	0.000992		mg/Kg		09/15/22 17:36	09/16/22 06:42	1
Toluene	<0.00496	U	0.00496		mg/Kg		09/15/22 17:36	09/16/22 06:42	1
Ethylbenzene	<0.000992	U	0.000992		mg/Kg		09/15/22 17:36	09/16/22 06:42	1
m,p-Xylenes	<0.00198	U	0.00198		mg/Kg		09/15/22 17:36	09/16/22 06:42	1
o-Xylene	<0.000992	U	0.000992		mg/Kg		09/15/22 17:36	09/16/22 06:42	1
Xylenes, Total	<0.00198	U	0.00198		mg/Kg		09/15/22 17:36	09/16/22 06:42	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	101		56 - 150	09/15/22 17:36	09/16/22 06:42	1

Eurofins Midland

Client Sample Results

Client: NT Global
Project/Site: South Vaccum Unit 351

Job ID: 880-19118-1
SDG: Lea Co, NM

Client Sample ID: SW-6

Lab Sample ID: 880-19118-82

Date Collected: 09/12/22 00:00

Matrix: Solid

Date Received: 09/12/22 16:07

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	93		68 - 152	09/15/22 17:36	09/16/22 06:42	1
Dibromofluoromethane (Surr)	100		53 - 142	09/15/22 17:36	09/16/22 06:42	1
Toluene-d8 (Surr)	96		70 - 130	09/15/22 17:36	09/16/22 06:42	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00198	U	0.00198		mg/Kg			09/19/22 14:18	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			09/16/22 08:42	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		09/14/22 13:28	09/15/22 21:14	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		09/14/22 13:28	09/15/22 21:14	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		09/14/22 13:28	09/15/22 21:14	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	92		70 - 130				09/14/22 13:28	09/15/22 21:14	1
o-Terphenyl	101		70 - 130				09/14/22 13:28	09/15/22 21:14	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	77.5		5.04		mg/Kg			09/16/22 18:35	1

Client Sample ID: SW-7

Lab Sample ID: 880-19118-83

Date Collected: 09/12/22 00:00

Matrix: Solid

Date Received: 09/12/22 16:07

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000998	U	0.000998		mg/Kg		09/15/22 17:36	09/16/22 07:02	1
Toluene	<0.00499	U	0.00499		mg/Kg		09/15/22 17:36	09/16/22 07:02	1
Ethylbenzene	<0.000998	U	0.000998		mg/Kg		09/15/22 17:36	09/16/22 07:02	1
m,p-Xylenes	<0.00200	U	0.00200		mg/Kg		09/15/22 17:36	09/16/22 07:02	1
o-Xylene	<0.000998	U	0.000998		mg/Kg		09/15/22 17:36	09/16/22 07:02	1
Xylenes, Total	<0.00200	U	0.00200		mg/Kg		09/15/22 17:36	09/16/22 07:02	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	102		56 - 150				09/15/22 17:36	09/16/22 07:02	1
4-Bromofluorobenzene (Surr)	96		68 - 152				09/15/22 17:36	09/16/22 07:02	1
Dibromofluoromethane (Surr)	100		53 - 142				09/15/22 17:36	09/16/22 07:02	1
Toluene-d8 (Surr)	97		70 - 130				09/15/22 17:36	09/16/22 07:02	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00200	U	0.00200		mg/Kg			09/19/22 14:18	1

Eurofins Midland

Client Sample Results

Client: NT Global
Project/Site: South Vacuum Unit 351

Job ID: 880-19118-1
SDG: Lea Co, NM

Client Sample ID: SW-7

Lab Sample ID: 880-19118-83

Date Collected: 09/12/22 00:00

Matrix: Solid

Date Received: 09/12/22 16:07

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			09/16/22 08:42	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		09/14/22 13:28	09/15/22 21:36	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		09/14/22 13:28	09/15/22 21:36	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		09/14/22 13:28	09/15/22 21:36	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	116		70 - 130				09/14/22 13:28	09/15/22 21:36	1
o-Terphenyl	121		70 - 130				09/14/22 13:28	09/15/22 21:36	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	39.4		5.00		mg/Kg			09/16/22 18:39	1

Client Sample ID: SW-8

Lab Sample ID: 880-19118-84

Date Collected: 09/12/22 00:00

Matrix: Solid

Date Received: 09/12/22 16:07

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00101	U	0.00101		mg/Kg		09/15/22 17:36	09/16/22 07:43	1
Toluene	<0.00503	U	0.00503		mg/Kg		09/15/22 17:36	09/16/22 07:43	1
Ethylbenzene	<0.00101	U	0.00101		mg/Kg		09/15/22 17:36	09/16/22 07:43	1
m,p-Xylenes	<0.00201	U	0.00201		mg/Kg		09/15/22 17:36	09/16/22 07:43	1
o-Xylene	<0.00101	U	0.00101		mg/Kg		09/15/22 17:36	09/16/22 07:43	1
Xylenes, Total	<0.00201	U	0.00201		mg/Kg		09/15/22 17:36	09/16/22 07:43	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	102		56 - 150				09/15/22 17:36	09/16/22 07:43	1
4-Bromofluorobenzene (Surr)	97		68 - 152				09/15/22 17:36	09/16/22 07:43	1
Dibromofluoromethane (Surr)	98		53 - 142				09/15/22 17:36	09/16/22 07:43	1
Toluene-d8 (Surr)	96		70 - 130				09/15/22 17:36	09/16/22 07:43	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00201	U	0.00201		mg/Kg			09/19/22 14:18	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			09/16/22 08:42	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		09/14/22 13:28	09/15/22 21:57	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		09/14/22 13:28	09/15/22 21:57	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		09/14/22 13:28	09/15/22 21:57	1

Eurofins Midland

Client Sample Results

Client: NT Global
Project/Site: South Vacuum Unit 351

Job ID: 880-19118-1
SDG: Lea Co, NM

Client Sample ID: SW-8

Lab Sample ID: 880-19118-84

Date Collected: 09/12/22 00:00

Matrix: Solid

Date Received: 09/12/22 16:07

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	115		70 - 130	09/14/22 13:28	09/15/22 21:57	1
o-Terphenyl	118		70 - 130	09/14/22 13:28	09/15/22 21:57	1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	62.0		5.00		mg/Kg			09/16/22 18:44	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Client Sample ID: SW-9

Lab Sample ID: 880-19118-85

Date Collected: 09/12/22 00:00

Matrix: Solid

Date Received: 09/12/22 16:07

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00100	U	0.00100		mg/Kg		09/15/22 17:36	09/16/22 07:23	1
Toluene	<0.00500	U	0.00500		mg/Kg		09/15/22 17:36	09/16/22 07:23	1
Ethylbenzene	<0.00100	U	0.00100		mg/Kg		09/15/22 17:36	09/16/22 07:23	1
m,p-Xylenes	<0.00200	U	0.00200		mg/Kg		09/15/22 17:36	09/16/22 07:23	1
o-Xylene	<0.00100	U	0.00100		mg/Kg		09/15/22 17:36	09/16/22 07:23	1
Xylenes, Total	<0.00200	U	0.00200		mg/Kg		09/15/22 17:36	09/16/22 07:23	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	104		56 - 150	09/15/22 17:36	09/16/22 07:23	1
4-Bromofluorobenzene (Surr)	96		68 - 152	09/15/22 17:36	09/16/22 07:23	1
Dibromofluoromethane (Surr)	99		53 - 142	09/15/22 17:36	09/16/22 07:23	1
Toluene-d8 (Surr)	96		70 - 130	09/15/22 17:36	09/16/22 07:23	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00200	U	0.00200		mg/Kg			09/19/22 14:18	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			09/16/22 08:42	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		09/14/22 13:28	09/15/22 22:19	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		09/14/22 13:28	09/15/22 22:19	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		09/14/22 13:28	09/15/22 22:19	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	87		70 - 130	09/14/22 13:28	09/15/22 22:19	1
o-Terphenyl	94		70 - 130	09/14/22 13:28	09/15/22 22:19	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	44.0		4.99		mg/Kg			09/16/22 18:49	1

Eurofins Midland

Client Sample Results

Client: NT Global
Project/Site: South Vacuum Unit 351

Job ID: 880-19118-1
SDG: Lea Co, NM

Client Sample ID: SW-10

Lab Sample ID: 880-19118-86

Date Collected: 09/12/22 00:00

Matrix: Solid

Date Received: 09/12/22 16:07

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000992	U	0.000992		mg/Kg		09/15/22 17:36	09/16/22 08:04	1
Toluene	<0.00496	U	0.00496		mg/Kg		09/15/22 17:36	09/16/22 08:04	1
Ethylbenzene	<0.000992	U	0.000992		mg/Kg		09/15/22 17:36	09/16/22 08:04	1
m,p-Xylenes	<0.00198	U	0.00198		mg/Kg		09/15/22 17:36	09/16/22 08:04	1
o-Xylene	<0.000992	U	0.000992		mg/Kg		09/15/22 17:36	09/16/22 08:04	1
Xylenes, Total	<0.00198	U	0.00198		mg/Kg		09/15/22 17:36	09/16/22 08:04	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	104		56 - 150	09/15/22 17:36	09/16/22 08:04	1
4-Bromofluorobenzene (Surr)	95		68 - 152	09/15/22 17:36	09/16/22 08:04	1
Dibromofluoromethane (Surr)	100		53 - 142	09/15/22 17:36	09/16/22 08:04	1
Toluene-d8 (Surr)	96		70 - 130	09/15/22 17:36	09/16/22 08:04	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00198	U	0.00198		mg/Kg			09/19/22 14:18	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			09/16/22 08:42	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		09/14/22 13:28	09/15/22 22:41	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		09/14/22 13:28	09/15/22 22:41	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		09/14/22 13:28	09/15/22 22:41	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	105		70 - 130				09/14/22 13:28	09/15/22 22:41	1
o-Terphenyl	109		70 - 130				09/14/22 13:28	09/15/22 22:41	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	49.0		5.00		mg/Kg			09/16/22 19:13	1

Client Sample ID: SW-11

Lab Sample ID: 880-19118-87

Date Collected: 09/12/22 00:00

Matrix: Solid

Date Received: 09/12/22 16:07

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00100	U	0.00100		mg/Kg		09/15/22 17:36	09/16/22 08:24	1
Toluene	<0.00500	U	0.00500		mg/Kg		09/15/22 17:36	09/16/22 08:24	1
Ethylbenzene	<0.00100	U	0.00100		mg/Kg		09/15/22 17:36	09/16/22 08:24	1
m,p-Xylenes	<0.00200	U	0.00200		mg/Kg		09/15/22 17:36	09/16/22 08:24	1
o-Xylene	<0.00100	U	0.00100		mg/Kg		09/15/22 17:36	09/16/22 08:24	1
Xylenes, Total	<0.00200	U	0.00200		mg/Kg		09/15/22 17:36	09/16/22 08:24	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	103		56 - 150	09/15/22 17:36	09/16/22 08:24	1

Eurofins Midland

Client Sample Results

Client: NT Global
Project/Site: South Vaccum Unit 351

Job ID: 880-19118-1
SDG: Lea Co, NM

Client Sample ID: SW-11

Lab Sample ID: 880-19118-87

Date Collected: 09/12/22 00:00

Matrix: Solid

Date Received: 09/12/22 16:07

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	97		68 - 152	09/15/22 17:36	09/16/22 08:24	1
Dibromofluoromethane (Surr)	99		53 - 142	09/15/22 17:36	09/16/22 08:24	1
Toluene-d8 (Surr)	97		70 - 130	09/15/22 17:36	09/16/22 08:24	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00200	U	0.00200		mg/Kg			09/19/22 14:18	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			09/16/22 08:42	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		09/14/22 13:28	09/15/22 23:02	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		09/14/22 13:28	09/15/22 23:02	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		09/14/22 13:28	09/15/22 23:02	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	92		70 - 130				09/14/22 13:28	09/15/22 23:02	1
o-Terphenyl	93		70 - 130				09/14/22 13:28	09/15/22 23:02	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	14.0		4.96		mg/Kg			09/16/22 19:18	1

Client Sample ID: SW-12

Lab Sample ID: 880-19118-88

Date Collected: 09/12/22 00:00

Matrix: Solid

Date Received: 09/12/22 16:07

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00100	U	0.00100		mg/Kg		09/16/22 11:27	09/16/22 14:05	1
Toluene	<0.00500	U	0.00500		mg/Kg		09/16/22 11:27	09/16/22 14:05	1
Ethylbenzene	<0.00100	U	0.00100		mg/Kg		09/16/22 11:27	09/16/22 14:05	1
m,p-Xylenes	<0.00200	U	0.00200		mg/Kg		09/16/22 11:27	09/16/22 14:05	1
o-Xylene	<0.00100	U	0.00100		mg/Kg		09/16/22 11:27	09/16/22 14:05	1
Xylenes, Total	<0.00200	U	0.00200		mg/Kg		09/16/22 11:27	09/16/22 14:05	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	104		56 - 150				09/16/22 11:27	09/16/22 14:05	1
4-Bromofluorobenzene (Surr)	97		68 - 152				09/16/22 11:27	09/16/22 14:05	1
Dibromofluoromethane (Surr)	100		53 - 142				09/16/22 11:27	09/16/22 14:05	1
Toluene-d8 (Surr)	96		70 - 130				09/16/22 11:27	09/16/22 14:05	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00200	U	0.00200		mg/Kg			09/19/22 14:18	1

Eurofins Midland

Client Sample Results

Client: NT Global
Project/Site: South Vacuum Unit 351

Job ID: 880-19118-1
SDG: Lea Co, NM

Client Sample ID: SW-12

Lab Sample ID: 880-19118-88

Date Collected: 09/12/22 00:00

Matrix: Solid

Date Received: 09/12/22 16:07

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			09/16/22 08:42	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		09/14/22 13:28	09/15/22 23:24	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		09/14/22 13:28	09/15/22 23:24	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		09/14/22 13:28	09/15/22 23:24	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	90		70 - 130				09/14/22 13:28	09/15/22 23:24	1
o-Terphenyl	96		70 - 130				09/14/22 13:28	09/15/22 23:24	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	34.2		5.00		mg/Kg			09/16/22 19:23	1

Client Sample ID: SW-13

Lab Sample ID: 880-19118-89

Date Collected: 09/12/22 00:00

Matrix: Solid

Date Received: 09/12/22 16:07

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00101	U	0.00101		mg/Kg		09/16/22 11:27	09/16/22 14:25	1
Toluene	<0.00503	U	0.00503		mg/Kg		09/16/22 11:27	09/16/22 14:25	1
Ethylbenzene	<0.00101	U	0.00101		mg/Kg		09/16/22 11:27	09/16/22 14:25	1
m,p-Xylenes	<0.00201	U	0.00201		mg/Kg		09/16/22 11:27	09/16/22 14:25	1
o-Xylene	<0.00101	U	0.00101		mg/Kg		09/16/22 11:27	09/16/22 14:25	1
Xylenes, Total	<0.00201	U	0.00201		mg/Kg		09/16/22 11:27	09/16/22 14:25	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	104		56 - 150				09/16/22 11:27	09/16/22 14:25	1
4-Bromofluorobenzene (Surr)	101		68 - 152				09/16/22 11:27	09/16/22 14:25	1
Dibromofluoromethane (Surr)	100		53 - 142				09/16/22 11:27	09/16/22 14:25	1
Toluene-d8 (Surr)	99		70 - 130				09/16/22 11:27	09/16/22 14:25	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00201	U	0.00201		mg/Kg			09/19/22 14:18	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			09/16/22 08:42	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		09/14/22 13:28	09/15/22 23:45	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		09/14/22 13:28	09/15/22 23:45	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		09/14/22 13:28	09/15/22 23:45	1

Eurofins Midland

Client Sample Results

Client: NT Global
Project/Site: South Vacuum Unit 351

Job ID: 880-19118-1
SDG: Lea Co, NM

Client Sample ID: SW-13

Lab Sample ID: 880-19118-89

Date Collected: 09/12/22 00:00

Matrix: Solid

Date Received: 09/12/22 16:07

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	104		70 - 130	09/14/22 13:28	09/15/22 23:45	1
o-Terphenyl	102		70 - 130	09/14/22 13:28	09/15/22 23:45	1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	40.4		5.04		mg/Kg			09/16/22 19:28	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Client Sample ID: SW-14

Lab Sample ID: 880-19118-90

Date Collected: 09/12/22 00:00

Matrix: Solid

Date Received: 09/12/22 16:07

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00100	U	0.00100		mg/Kg		09/16/22 11:27	09/16/22 14:45	1
Toluene	<0.00502	U	0.00502		mg/Kg		09/16/22 11:27	09/16/22 14:45	1
Ethylbenzene	<0.00100	U	0.00100		mg/Kg		09/16/22 11:27	09/16/22 14:45	1
m,p-Xylenes	<0.00201	U	0.00201		mg/Kg		09/16/22 11:27	09/16/22 14:45	1
o-Xylene	<0.00100	U	0.00100		mg/Kg		09/16/22 11:27	09/16/22 14:45	1
Xylenes, Total	<0.00201	U	0.00201		mg/Kg		09/16/22 11:27	09/16/22 14:45	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	105		56 - 150	09/16/22 11:27	09/16/22 14:45	1
4-Bromofluorobenzene (Surr)	96		68 - 152	09/16/22 11:27	09/16/22 14:45	1
Dibromofluoromethane (Surr)	98		53 - 142	09/16/22 11:27	09/16/22 14:45	1
Toluene-d8 (Surr)	95		70 - 130	09/16/22 11:27	09/16/22 14:45	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00201	U	0.00201		mg/Kg			09/19/22 14:18	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			09/16/22 08:42	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		09/14/22 13:28	09/16/22 00:07	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		09/14/22 13:28	09/16/22 00:07	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		09/14/22 13:28	09/16/22 00:07	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	94		70 - 130	09/14/22 13:28	09/16/22 00:07	1
o-Terphenyl	102		70 - 130	09/14/22 13:28	09/16/22 00:07	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	37.6		5.03		mg/Kg			09/16/22 19:33	1

Eurofins Midland

Client Sample Results

Client: NT Global
Project/Site: South Vacuum Unit 351

Job ID: 880-19118-1
SDG: Lea Co, NM

Client Sample ID: SW-15

Lab Sample ID: 880-19118-91

Date Collected: 09/12/22 00:00

Matrix: Solid

Date Received: 09/12/22 16:07

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00100	U	0.00100		mg/Kg		09/16/22 11:27	09/16/22 15:06	1
Toluene	<0.00502	U	0.00502		mg/Kg		09/16/22 11:27	09/16/22 15:06	1
Ethylbenzene	<0.00100	U	0.00100		mg/Kg		09/16/22 11:27	09/16/22 15:06	1
m,p-Xylenes	<0.00201	U	0.00201		mg/Kg		09/16/22 11:27	09/16/22 15:06	1
o-Xylene	<0.00100	U	0.00100		mg/Kg		09/16/22 11:27	09/16/22 15:06	1
Xylenes, Total	<0.00201	U	0.00201		mg/Kg		09/16/22 11:27	09/16/22 15:06	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	105		56 - 150	09/16/22 11:27	09/16/22 15:06	1
4-Bromofluorobenzene (Surr)	96		68 - 152	09/16/22 11:27	09/16/22 15:06	1
Dibromofluoromethane (Surr)	102		53 - 142	09/16/22 11:27	09/16/22 15:06	1
Toluene-d8 (Surr)	97		70 - 130	09/16/22 11:27	09/16/22 15:06	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00201	U	0.00201		mg/Kg			09/19/22 14:18	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	58.4		50.0		mg/Kg			09/16/22 08:42	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		09/14/22 13:28	09/16/22 00:50	1
Diesel Range Organics (Over C10-C28)	58.4		50.0		mg/Kg		09/14/22 13:28	09/16/22 00:50	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		09/14/22 13:28	09/16/22 00:50	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	110		70 - 130	09/14/22 13:28	09/16/22 00:50	1
o-Terphenyl	114		70 - 130	09/14/22 13:28	09/16/22 00:50	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	41.0		5.02		mg/Kg			09/16/22 19:38	1

Client Sample ID: SW-16

Lab Sample ID: 880-19118-92

Date Collected: 09/12/22 00:00

Matrix: Solid

Date Received: 09/12/22 16:07

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000990	U	0.000990		mg/Kg		09/16/22 11:27	09/16/22 15:26	1
Toluene	<0.00495	U	0.00495		mg/Kg		09/16/22 11:27	09/16/22 15:26	1
Ethylbenzene	<0.000990	U	0.000990		mg/Kg		09/16/22 11:27	09/16/22 15:26	1
m,p-Xylenes	<0.00198	U	0.00198		mg/Kg		09/16/22 11:27	09/16/22 15:26	1
o-Xylene	<0.000990	U	0.000990		mg/Kg		09/16/22 11:27	09/16/22 15:26	1
Xylenes, Total	<0.00198	U	0.00198		mg/Kg		09/16/22 11:27	09/16/22 15:26	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	104		56 - 150	09/16/22 11:27	09/16/22 15:26	1

Eurofins Midland

Client Sample Results

Client: NT Global
Project/Site: South Vaccum Unit 351

Job ID: 880-19118-1
SDG: Lea Co, NM

Client Sample ID: SW-16

Lab Sample ID: 880-19118-92

Date Collected: 09/12/22 00:00

Matrix: Solid

Date Received: 09/12/22 16:07

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	99		68 - 152	09/16/22 11:27	09/16/22 15:26	1
Dibromofluoromethane (Surr)	100		53 - 142	09/16/22 11:27	09/16/22 15:26	1
Toluene-d8 (Surr)	96		70 - 130	09/16/22 11:27	09/16/22 15:26	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00198	U	0.00198		mg/Kg			09/19/22 14:18	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			09/16/22 08:42	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		09/14/22 13:28	09/16/22 01:12	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		09/14/22 13:28	09/16/22 01:12	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		09/14/22 13:28	09/16/22 01:12	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	86		70 - 130				09/14/22 13:28	09/16/22 01:12	1
o-Terphenyl	85		70 - 130				09/14/22 13:28	09/16/22 01:12	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	13.8		4.97		mg/Kg			09/16/22 19:52	1

Client Sample ID: SW-17

Lab Sample ID: 880-19118-93

Date Collected: 09/12/22 00:00

Matrix: Solid

Date Received: 09/12/22 16:07

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000996	U	0.000996		mg/Kg		09/16/22 11:27	09/16/22 15:47	1
Toluene	<0.00498	U	0.00498		mg/Kg		09/16/22 11:27	09/16/22 15:47	1
Ethylbenzene	<0.000996	U	0.000996		mg/Kg		09/16/22 11:27	09/16/22 15:47	1
m,p-Xylenes	<0.00199	U	0.00199		mg/Kg		09/16/22 11:27	09/16/22 15:47	1
o-Xylene	<0.000996	U	0.000996		mg/Kg		09/16/22 11:27	09/16/22 15:47	1
Xylenes, Total	<0.00199	U	0.00199		mg/Kg		09/16/22 11:27	09/16/22 15:47	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	105		56 - 150				09/16/22 11:27	09/16/22 15:47	1
4-Bromofluorobenzene (Surr)	99		68 - 152				09/16/22 11:27	09/16/22 15:47	1
Dibromofluoromethane (Surr)	101		53 - 142				09/16/22 11:27	09/16/22 15:47	1
Toluene-d8 (Surr)	96		70 - 130				09/16/22 11:27	09/16/22 15:47	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00199	U	0.00199		mg/Kg			09/19/22 14:18	1

Eurofins Midland

Client Sample Results

Client: NT Global
Project/Site: South Vacuum Unit 351

Job ID: 880-19118-1
SDG: Lea Co, NM

Client Sample ID: SW-17

Lab Sample ID: 880-19118-93

Date Collected: 09/12/22 00:00

Matrix: Solid

Date Received: 09/12/22 16:07

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			09/16/22 08:42	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		09/14/22 13:28	09/16/22 01:33	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		09/14/22 13:28	09/16/22 01:33	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		09/14/22 13:28	09/16/22 01:33	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	107		70 - 130				09/14/22 13:28	09/16/22 01:33	1
o-Terphenyl	108		70 - 130				09/14/22 13:28	09/16/22 01:33	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	23.8		4.99		mg/Kg			09/16/22 19:57	1

Client Sample ID: SW-18

Lab Sample ID: 880-19118-94

Date Collected: 09/12/22 00:00

Matrix: Solid

Date Received: 09/12/22 16:07

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000994	U	0.000994		mg/Kg		09/16/22 11:27	09/16/22 16:07	1
Toluene	<0.00497	U	0.00497		mg/Kg		09/16/22 11:27	09/16/22 16:07	1
Ethylbenzene	<0.000994	U	0.000994		mg/Kg		09/16/22 11:27	09/16/22 16:07	1
m,p-Xylenes	<0.00199	U	0.00199		mg/Kg		09/16/22 11:27	09/16/22 16:07	1
o-Xylene	<0.000994	U	0.000994		mg/Kg		09/16/22 11:27	09/16/22 16:07	1
Xylenes, Total	<0.00199	U	0.00199		mg/Kg		09/16/22 11:27	09/16/22 16:07	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	106		56 - 150				09/16/22 11:27	09/16/22 16:07	1
4-Bromofluorobenzene (Surr)	97		68 - 152				09/16/22 11:27	09/16/22 16:07	1
Dibromofluoromethane (Surr)	101		53 - 142				09/16/22 11:27	09/16/22 16:07	1
Toluene-d8 (Surr)	96		70 - 130				09/16/22 11:27	09/16/22 16:07	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00199	U	0.00199		mg/Kg			09/19/22 14:18	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	50.5		50.0		mg/Kg			09/16/22 08:42	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		09/14/22 13:28	09/16/22 01:54	1
Diesel Range Organics (Over C10-C28)	50.5		50.0		mg/Kg		09/14/22 13:28	09/16/22 01:54	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		09/14/22 13:28	09/16/22 01:54	1

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Client Sample Results

Client: NT Global
Project/Site: South Vacuum Unit 351

Job ID: 880-19118-1
SDG: Lea Co, NM

Client Sample ID: SW-18

Lab Sample ID: 880-19118-94

Date Collected: 09/12/22 00:00

Matrix: Solid

Date Received: 09/12/22 16:07

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	90		70 - 130	09/14/22 13:28	09/16/22 01:54	1
o-Terphenyl	93		70 - 130	09/14/22 13:28	09/16/22 01:54	1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	33.9		5.02		mg/Kg			09/16/22 20:12	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Client Sample ID: SW-19

Lab Sample ID: 880-19118-95

Date Collected: 09/12/22 00:00

Matrix: Solid

Date Received: 09/12/22 16:07

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00101	U	0.00101		mg/Kg		09/16/22 11:27	09/16/22 16:28	1
Toluene	<0.00503	U	0.00503		mg/Kg		09/16/22 11:27	09/16/22 16:28	1
Ethylbenzene	<0.00101	U	0.00101		mg/Kg		09/16/22 11:27	09/16/22 16:28	1
m,p-Xylenes	<0.00201	U	0.00201		mg/Kg		09/16/22 11:27	09/16/22 16:28	1
o-Xylene	<0.00101	U	0.00101		mg/Kg		09/16/22 11:27	09/16/22 16:28	1
Xylenes, Total	<0.00201	U	0.00201		mg/Kg		09/16/22 11:27	09/16/22 16:28	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	105		56 - 150	09/16/22 11:27	09/16/22 16:28	1
4-Bromofluorobenzene (Surr)	96		68 - 152	09/16/22 11:27	09/16/22 16:28	1
Dibromofluoromethane (Surr)	101		53 - 142	09/16/22 11:27	09/16/22 16:28	1
Toluene-d8 (Surr)	96		70 - 130	09/16/22 11:27	09/16/22 16:28	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00201	U	0.00201		mg/Kg			09/19/22 14:18	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			09/16/22 08:42	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		09/14/22 13:28	09/16/22 02:16	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		09/14/22 13:28	09/16/22 02:16	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		09/14/22 13:28	09/16/22 02:16	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	91		70 - 130	09/14/22 13:28	09/16/22 02:16	1
o-Terphenyl	95		70 - 130	09/14/22 13:28	09/16/22 02:16	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	40.5		4.97		mg/Kg			09/16/22 20:17	1

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Surrogate Summary

Client: NT Global
Project/Site: South Vaccum Unit 351

Job ID: 880-19118-1
SDG: Lea Co, NM

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

Matrix: Solid

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)			
		DCA (56-150)	BFB (68-152)	DBFM (53-142)	TOL (70-130)
860-32937-A-3-C MS	Matrix Spike	92	109	93	104
860-33097-A-2-F MS - DL	Matrix Spike	91	101	97	95
860-33155-C-1-A MS	Matrix Spike	100	112	96	100
860-33156-C-1-A MS	Matrix Spike	65	89	73	100
860-33231-C-4-A MS	Matrix Spike	89	132	83	113
880-19118-1	CS-1 (4')	105	116	87	108
880-19118-2	CS-2 (4')	102	120	89	105
880-19118-3	CS-3 (4')	107	109	88	104
880-19118-4	CS-4 (4')	105	111	88	106
880-19118-5	CS-5 (4')	102	98	100	96
880-19118-6	CS-6 (4')	111	110	86	103
880-19118-7	CS-7 (4')	104	114	92	103
880-19118-8	CS-8 (4')	105	109	87	103
880-19118-9	CS-9 (4')	103	108	91	104
880-19118-10	CS-10 (4')	106	102	88	99
880-19118-11	CS-11 (4')	97	106	88	100
880-19118-12	CS-12 (4')	96	107	89	99
880-19118-13	CS-13 (4')	106	110	91	97
880-19118-14	CS-14 (4')	102	114 *3	89	104
880-19118-15	CS-15 (4')	99	108 *3	90	104
880-19118-16	CS-16 (4')	107	102	90	102
880-19118-17	CS-17 (4')	104	110	86	102
880-19118-18	CS-18 (4')	101	102	92	101
880-19118-19	CS-19 (4')	107	122	91	105
880-19118-20	CS-20 (4')	113	114	87	106
880-19118-21	CS-21 (4')	111	115	91	101
880-19118-22	CS-22 (4')	105	107	100	94
880-19118-23	CS-23 (4')	101	100	100	96
880-19118-24	CS-24 (4')	112	106	104	95
880-19118-25	CS-25 (4')	105	101	104	94
880-19118-26	CS-26 (4')	108	104	102	95
880-19118-27	CS-27 (4')	106	102	105	96
880-19118-28	CS-28 (4')	106	103	100	93
880-19118-29	CS-29 (4')	112	101	104	94
880-19118-30	CS-30 (4')	118	108	88	105
880-19118-31	CS-31 (4')	108	116	91	101
880-19118-32	CS-32 (4')	104	114	94	104
880-19118-33	CS-33 (4')	111	109	90	102
880-19118-34	CS-34 (4')	108	108	89	104
880-19118-35	CS-35 (4')	115	106	88	102
880-19118-36	CS-36 (4')	107	105	97	102
880-19118-37	CS-37 (4')	116	107	95	100
880-19118-38	CS-38 (4')	111	109	98	100
880-19118-39	CS-39 (4')	106	103	97	104
880-19118-40	CS-40 (4')	93	97	96	95
880-19118-41	CS-41 (4')	97	94	94	93
880-19118-42	CS-42 (4')	76	96	80	103
880-19118-43	CS-43 (4')	97	95	95	92
880-19118-44	CS-44 (4')	103	96	102	95

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Surrogate Summary

Client: NT Global

Job ID: 880-19118-1

Project/Site: South Vacuum Unit 351

SDG: Lea Co, NM

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

Matrix: Solid

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)			
		DCA (56-150)	BFB (68-152)	DBFM (53-142)	TOL (70-130)
880-19118-45	CS-45 (4')	100	97	98	97
880-19118-46	CS-46 (4')	83	95	84	99
880-19118-47	CS-47 (4')	86	96	88	100
880-19118-48	CS-48 (4')	108	102	102	92
880-19118-49	CS-49 (4')	108	101	102	92
880-19118-50	CS-50 (4')	109	102	101	96
880-19118-51	CS-51 (4')	108	103	104	93
880-19118-52	CS-52 (4')	109	103	103	94
880-19118-52 MS	CS-52 (4')	101	103	100	95
880-19118-53	CS-53 (4')	105	101	98	93
880-19118-54	CS-54 (4')	104	104	101	94
880-19118-55	CS-55 (4')	108	103	101	95
880-19118-56	CS-56 (4')	108	103	103	93
880-19118-57	CS-57 (4')	112	101	104	93
880-19118-58	CS-58 (4')	109	101	103	94
880-19118-59	CS-59 (4')	109	101	101	94
880-19118-60	CS-60 (4')	110	102	104	94
880-19118-61	CS-61 (4')	107	101	103	94
880-19118-62	CS-62 (4')	111	103	105	95
880-19118-63	CS-63 (4')	115	101	103	93
880-19118-64	CS-64 (4')	111	100	105	93
880-19118-65	CS-65 (4')	104	102	106	95
880-19118-66	CS-66 (4')	111	98	106	92
880-19118-67	CS-67 (4')	103	99	111	94
880-19118-68	CS-68 (4')	100	95	98	96
880-19118-69	CS-69 (4')	102	94	98	95
880-19118-70	CS-70 (4')	102	96	97	96
880-19118-71	CS-71 (4')	103	95	99	96
880-19118-71 MS	CS-71 (4')	100	94	104	98
880-19118-72	CS-72 (4')	100	96	98	98
880-19118-73	CS-73 (4')	101	95	97	97
880-19118-74	CS-74 (4')	101	96	98	98
880-19118-75	CS-75 (4')	99	94	97	97
880-19118-76	CS-76 (4')	102	95	100	98
880-19118-77	SW-1	103	100	99	98
880-19118-78	SW-2	101	99	97	96
880-19118-79	SW-3	105	100	99	97
880-19118-80	SW-4	102	97	98	97
880-19118-81	SW-5	103	100	98	97
880-19118-82	SW-6	101	93	100	96
880-19118-83	SW-7	102	96	100	97
880-19118-84	SW-8	102	97	98	96
880-19118-85	SW-9	104	96	99	96
880-19118-86	SW-10	104	95	100	96
880-19118-87	SW-11	103	97	99	97
880-19118-88	SW-12	104	97	100	96
880-19118-88 MS	SW-12	97	97	101	98
880-19118-89	SW-13	104	101	100	99
880-19118-90	SW-14	105	96	98	95
880-19118-91	SW-15	105	96	102	97

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Surrogate Summary

Client: NT Global
Project/Site: South Vacuum Unit 351

Job ID: 880-19118-1
SDG: Lea Co, NM

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

Matrix: Solid

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)			
		DCA (56-150)	BFB (68-152)	DBFM (53-142)	TOL (70-130)
880-19118-92	SW-16	104	99	100	96
880-19118-93	SW-17	105	99	101	96
880-19118-94	SW-18	106	97	101	96
880-19118-95	SW-19	105	96	101	96
LCS 860-69130/3	Lab Control Sample	94	101	99	96
LCS 860-69235/3	Lab Control Sample	103	107	95	97
LCS 860-69278/3	Lab Control Sample	99	102	102	94
LCS 860-69280/3	Lab Control Sample	99	93	102	97
LCS 860-69334/3	Lab Control Sample	75	90	78	101
LCS 860-69336/3	Lab Control Sample	99	93	100	97
LCS 860-69366/3	Lab Control Sample	95	108	91	101
LCS 860-69568/20	Lab Control Sample	105	116	104	99
LCSD 860-69130/4	Lab Control Sample Dup	94	102	100	97
LCSD 860-69235/4	Lab Control Sample Dup	106	112	99	95
LCSD 860-69278/4	Lab Control Sample Dup	101	103	99	96
LCSD 860-69280/4	Lab Control Sample Dup	96	93	99	99
LCSD 860-69334/4	Lab Control Sample Dup	74	89	79	98
LCSD 860-69336/4	Lab Control Sample Dup	99	94	101	99
LCSD 860-69366/4	Lab Control Sample Dup	93	109	94	104
LCSD 860-69568/21	Lab Control Sample Dup	98	117	102	102
MB 860-69130/9	Method Blank	101	101	98	94
MB 860-69235/7	Method Blank	96	116	86	104
MB 860-69278/9	Method Blank	105	102	100	94
MB 860-69280/8	Method Blank	102	95	97	95
MB 860-69334/8	Method Blank	82	95	84	100
MB 860-69336/8	Method Blank	102	97	98	96
MB 860-69366/8	Method Blank	92	108	90	106
MB 860-69568/8	Method Blank	99	114	86	107

Surrogate Legend

DCA = 1,2-Dichloroethane-d4 (Surr)

BFB = 4-Bromofluorobenzene (Surr)

DBFM = Dibromofluoromethane (Surr)

TOL = Toluene-d8 (Surr)

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

Matrix: Solid

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)	
		1CO1 (70-130)	OTPH1 (70-130)
880-19118-1	CS-1 (4')	117	113
880-19118-2	CS-2 (4')	127	119
880-19118-3	CS-3 (4')	118	114
880-19118-4	CS-4 (4')	116	112
880-19118-5	CS-5 (4')	118	114
880-19118-6	CS-6 (4')	106	98
880-19118-6 MS	CS-6 (4')	93	74
880-19118-6 MSD	CS-6 (4')	103	78
880-19118-7	CS-7 (4')	129	126
880-19118-8	CS-8 (4')	149 S1+	138 S1+

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Surrogate Summary

Client: NT Global

Job ID: 880-19118-1

Project/Site: South Vacuum Unit 351

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	OTPH1				
		(70-130)	(70-130)				
880-19118-9	CS-9 (4')	112	107				
880-19118-10	CS-10 (4')	131 S1+	123				
880-19118-11	CS-11 (4')	103	100				
880-19118-12	CS-12 (4')	108	105				
880-19118-13	CS-13 (4')	124	113				
880-19118-14	CS-14 (4')	122	108				
880-19118-15	CS-15 (4')	109	107				
880-19118-16	CS-16 (4')	107	103				
880-19118-17	CS-17 (4')	130	120				
880-19118-18	CS-18 (4')	109	108				
880-19118-19	CS-19 (4')	107	105				
880-19118-20	CS-20 (4')	104	103				
880-19118-21	CS-21 (4')	101	99				
880-19118-21 MS	CS-21 (4')	92	82				
880-19118-21 MSD	CS-21 (4')	89	78				
880-19118-22	CS-22 (4')	123	122				
880-19118-23	CS-23 (4')	109	117				
880-19118-24	CS-24 (4')	107	111				
880-19118-25	CS-25 (4')	127	132 S1+				
880-19118-26	CS-26 (4')	107	115				
880-19118-27	CS-27 (4')	107	112				
880-19118-28	CS-28 (4')	109	118				
880-19118-29	CS-29 (4')	95	102				
880-19118-30	CS-30 (4')	102	105				
880-19118-31	CS-31 (4')	108	115				
880-19118-32	CS-32 (4')	114	112				
880-19118-33	CS-33 (4')	105	113				
880-19118-34	CS-34 (4')	113	117				
880-19118-35	CS-35 (4')	105	104				
880-19118-36	CS-36 (4')	110	109				
880-19118-37	CS-37 (4')	116	112				
880-19118-38	CS-38 (4')	104	108				
880-19118-39	CS-39 (4')	98	96				
880-19118-40	CS-40 (4')	88	91				
880-19118-41	CS-41 (4')	91	98				
880-19118-41 MS	CS-41 (4')	99	90				
880-19118-41 MSD	CS-41 (4')	95	90				
880-19118-42	CS-42 (4')	86	94				
880-19118-43	CS-43 (4')	89	101				
880-19118-44	CS-44 (4')	95	105				
880-19118-45	CS-45 (4')	83	89				
880-19118-46	CS-46 (4')	79	88				
880-19118-47	CS-47 (4')	85	95				
880-19118-48	CS-48 (4')	82	92				
880-19118-49	CS-49 (4')	84	94				
880-19118-50	CS-50 (4')	83	96				
880-19118-51	CS-51 (4')	93	106				
880-19118-52	CS-52 (4')	93	107				
880-19118-53	CS-53 (4')	95	108				
880-19118-54	CS-54 (4')	85	96				

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Surrogate Summary

Client: NT Global

Job ID: 880-19118-1

Project/Site: South Vacuum Unit 351

SDG: Lea Co, NM

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

Matrix: Solid

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)	
		1CO1 (70-130)	OTPH1 (70-130)
880-19118-55	CS-55 (4')	89	99
880-19118-56	CS-56 (4')	79	89
880-19118-57	CS-57 (4')	95	108
880-19118-58	CS-58 (4')	93	106
880-19118-59	CS-59 (4')	88	99
880-19118-60	CS-60 (4')	85	92
880-19118-61	CS-61 (4')	98	96
880-19118-61 MS	CS-61 (4')	116	96
880-19118-61 MSD	CS-61 (4')	116	94
880-19118-62	CS-62 (4')	119	113
880-19118-63	CS-63 (4')	99	98
880-19118-64	CS-64 (4')	120	114
880-19118-65	CS-65 (4')	104	105
880-19118-66	CS-66 (4')	104	106
880-19118-67	CS-67 (4')	122	116
880-19118-68	CS-68 (4')	103	104
880-19118-69	CS-69 (4')	104	101
880-19118-70	CS-70 (4')	104	102
880-19118-71	CS-71 (4')	110	107
880-19118-72	CS-72 (4')	103	102
880-19118-73	CS-73 (4')	107	104
880-19118-74	CS-74 (4')	117	112
880-19118-75	CS-75 (4')	122	117
880-19118-76	CS-76 (4')	120	115
880-19118-77	SW-1	100	99
880-19118-78	SW-2	98	95
880-19118-79	SW-3	109	98
880-19118-80	SW-4	103	102
880-19118-81	SW-5	90	96
880-19118-81 MS	SW-5	102	96
880-19118-81 MSD	SW-5	123	108
880-19118-82	SW-6	92	101
880-19118-83	SW-7	116	121
880-19118-84	SW-8	115	118
880-19118-85	SW-9	87	94
880-19118-86	SW-10	105	109
880-19118-87	SW-11	92	93
880-19118-88	SW-12	90	96
880-19118-89	SW-13	104	102
880-19118-90	SW-14	94	102
880-19118-91	SW-15	110	114
880-19118-92	SW-16	86	85
880-19118-93	SW-17	107	108
880-19118-94	SW-18	90	93
880-19118-95	SW-19	91	95
LCS 880-34485/2-A	Lab Control Sample	92	102
LCS 880-34486/2-A	Lab Control Sample	124	146 S1+
LCS 880-34503/2-A	Lab Control Sample	78	87
LCS 880-34505/2-A	Lab Control Sample	102	112
LCS 880-34506/2-A	Lab Control Sample	129	143 S1+

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Surrogate Summary

Client: NT Global
Project/Site: South Vaccum Unit 351

Job ID: 880-19118-1
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 (70-130)	OTPH1 (70-130)
LCSD 880-34485/3-A	Lab Control Sample Dup	89	97
LCSD 880-34486/3-A	Lab Control Sample Dup	149 S1+	158 S1+
LCSD 880-34503/3-A	Lab Control Sample Dup	90	99
LCSD 880-34505/3-A	Lab Control Sample Dup	106	98
LCSD 880-34506/3-A	Lab Control Sample Dup	137 S1+	147 S1+
MB 880-34485/1-A	Method Blank	117	118
MB 880-34486/1-A	Method Blank	124	137 S1+
MB 880-34503/1-A	Method Blank	90	101
MB 880-34505/1-A	Method Blank	119	119
MB 880-34506/1-A	Method Blank	118	130
Surrogate Legend			
1CO = 1-Chlorooctane			
OTPH = o-Terphenyl			

QC Sample Results

Client: NT Global
Project/Site: South Vaccum Unit 351

Job ID: 880-19118-1
SDG: Lea Co, NM

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

Lab Sample ID: 860-32937-A-3-C MS

Matrix: Solid

Analysis Batch: 69366

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 68616

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.0252	U	1.26	1.218		mg/Kg		97	71 - 119
Toluene	<0.126	U	1.26	1.313		mg/Kg		104	74 - 122
Ethylbenzene	<0.0252	U	1.26	1.432		mg/Kg		114	80 - 123
m,p-Xylenes	<0.0503	U	1.26	1.482		mg/Kg		118	78 - 127
o-Xylene	<0.0252	U	1.26	1.345		mg/Kg		107	79 - 125

Surrogate	MS %Recovery	MS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	92		56 - 150
4-Bromofluorobenzene (Surr)	109		68 - 152
Dibromofluoromethane (Surr)	93		53 - 142
Toluene-d8 (Surr)	104		70 - 130

Lab Sample ID: MB 860-69130/9

Matrix: Solid

Analysis Batch: 69130

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00100	U	0.00100		mg/Kg			09/15/22 13:28	1
Toluene	<0.00500	U	0.00500		mg/Kg			09/15/22 13:28	1
Ethylbenzene	<0.00100	U	0.00100		mg/Kg			09/15/22 13:28	1
m,p-Xylenes	<0.00200	U	0.00200		mg/Kg			09/15/22 13:28	1
o-Xylene	<0.00100	U	0.00100		mg/Kg			09/15/22 13:28	1
Xylenes, Total	<0.00200	U	0.00200		mg/Kg			09/15/22 13:28	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	101		56 - 150		09/15/22 13:28	1
4-Bromofluorobenzene (Surr)	101		68 - 152		09/15/22 13:28	1
Dibromofluoromethane (Surr)	98		53 - 142		09/15/22 13:28	1
Toluene-d8 (Surr)	94		70 - 130		09/15/22 13:28	1

Lab Sample ID: LCS 860-69130/3

Matrix: Solid

Analysis Batch: 69130

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.0500	0.05831		mg/Kg		117	66 - 142
Toluene	0.0500	0.05362		mg/Kg		107	74 - 130
Ethylbenzene	0.0500	0.05667		mg/Kg		113	80 - 130
m,p-Xylenes	0.0500	0.05700		mg/Kg		114	78 - 130
o-Xylene	0.0500	0.05619		mg/Kg		112	79 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	94		56 - 150
4-Bromofluorobenzene (Surr)	101		68 - 152
Dibromofluoromethane (Surr)	99		53 - 142
Toluene-d8 (Surr)	96		70 - 130

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QC Sample Results

Client: NT Global
Project/Site: South Vacuum Unit 351

Job ID: 880-19118-1
SDG: Lea Co, NM

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

Lab Sample ID: LCSD 860-69130/4

Matrix: Solid

Analysis Batch: 69130

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.0500	0.05330		mg/Kg		107	66 - 142	9	25
Toluene	0.0500	0.04991		mg/Kg		100	74 - 130	7	25
Ethylbenzene	0.0500	0.05272		mg/Kg		105	80 - 130	7	25
m,p-Xylenes	0.0500	0.05192		mg/Kg		104	78 - 130	9	25
o-Xylene	0.0500	0.05126		mg/Kg		103	79 - 130	9	25

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	94		56 - 150
4-Bromofluorobenzene (Surr)	102		68 - 152
Dibromofluoromethane (Surr)	100		53 - 142
Toluene-d8 (Surr)	97		70 - 130

Lab Sample ID: 860-33155-C-1-A MS

Matrix: Solid

Analysis Batch: 69235

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 69189

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.0252	U	1.26	1.366		mg/Kg		108	71 - 119
Toluene	<0.126	U	1.26	1.387		mg/Kg		110	74 - 122
Ethylbenzene	<0.0252	U	1.26	1.512		mg/Kg		120	80 - 123
m,p-Xylenes	<0.0504	U	1.26	1.571		mg/Kg		125	78 - 127
o-Xylene	<0.0252	U	1.26	1.437		mg/Kg		114	79 - 125

Surrogate	MS %Recovery	MS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	100		56 - 150
4-Bromofluorobenzene (Surr)	112		68 - 152
Dibromofluoromethane (Surr)	96		53 - 142
Toluene-d8 (Surr)	100		70 - 130

Lab Sample ID: 860-33156-C-1-A MS

Matrix: Solid

Analysis Batch: 69334

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 69189

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.119	U	5.95	4.907		mg/Kg		82	71 - 119
Toluene	<0.595	U	5.95	5.773		mg/Kg		97	74 - 122
Ethylbenzene	<0.119	U	5.95	5.892		mg/Kg		99	80 - 123
m,p-Xylenes	0.262		5.95	5.881		mg/Kg		94	78 - 127
o-Xylene	0.136		5.95	5.817		mg/Kg		95	79 - 125

Surrogate	MS %Recovery	MS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	65		56 - 150
4-Bromofluorobenzene (Surr)	89		68 - 152
Dibromofluoromethane (Surr)	73		53 - 142
Toluene-d8 (Surr)	100		70 - 130

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QC Sample Results

Client: NT Global
Project/Site: South Vacuum Unit 351

Job ID: 880-19118-1
SDG: Lea Co, NM

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

Lab Sample ID: MB 860-69235/7

Matrix: Solid

Analysis Batch: 69235

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00100	U	0.00100		mg/Kg			09/15/22 14:05	1
Toluene	<0.00500	U	0.00500		mg/Kg			09/15/22 14:05	1
Ethylbenzene	<0.00100	U	0.00100		mg/Kg			09/15/22 14:05	1
m,p-Xylenes	<0.00200	U	0.00200		mg/Kg			09/15/22 14:05	1
o-Xylene	<0.00100	U	0.00100		mg/Kg			09/15/22 14:05	1
Xylenes, Total	<0.00200	U	0.00200		mg/Kg			09/15/22 14:05	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	96		56 - 150		09/15/22 14:05	1
4-Bromofluorobenzene (Surr)	116		68 - 152		09/15/22 14:05	1
Dibromofluoromethane (Surr)	86		53 - 142		09/15/22 14:05	1
Toluene-d8 (Surr)	104		70 - 130		09/15/22 14:05	1

Lab Sample ID: LCS 860-69235/3

Matrix: Solid

Analysis Batch: 69235

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.0500	0.05626		mg/Kg		113	66 - 142
Toluene	0.0500	0.05514		mg/Kg		110	74 - 130
Ethylbenzene	0.0500	0.05999		mg/Kg		120	80 - 130
m,p-Xylenes	0.0500	0.06334		mg/Kg		127	78 - 130
o-Xylene	0.0500	0.05792		mg/Kg		116	79 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	103		56 - 150
4-Bromofluorobenzene (Surr)	107		68 - 152
Dibromofluoromethane (Surr)	95		53 - 142
Toluene-d8 (Surr)	97		70 - 130

Lab Sample ID: LCSD 860-69235/4

Matrix: Solid

Analysis Batch: 69235

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.0500	0.05664		mg/Kg		113	66 - 142	1	25
Toluene	0.0500	0.05513		mg/Kg		110	74 - 130	0	25
Ethylbenzene	0.0500	0.06115		mg/Kg		122	80 - 130	2	25
m,p-Xylenes	0.0500	0.06459		mg/Kg		129	78 - 130	2	25
o-Xylene	0.0500	0.05922		mg/Kg		118	79 - 130	2	25

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	106		56 - 150
4-Bromofluorobenzene (Surr)	112		68 - 152
Dibromofluoromethane (Surr)	99		53 - 142
Toluene-d8 (Surr)	95		70 - 130

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QC Sample Results

Client: NT Global
Project/Site: South Vacuum Unit 351

Job ID: 880-19118-1
SDG: Lea Co, NM

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

Lab Sample ID: 880-19118-52 MS

Matrix: Solid

Analysis Batch: 69278

Client Sample ID: CS-52 (4')

Prep Type: Total/NA

Prep Batch: 69265

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.000990	U	0.0498	0.04450		mg/Kg		89	71 - 119
Toluene	<0.00495	U	0.0498	0.04095		mg/Kg		82	74 - 122
Ethylbenzene	<0.000990	U	0.0498	0.04333		mg/Kg		87	80 - 123
m,p-Xylenes	<0.00198	U	0.0498	0.04306		mg/Kg		86	78 - 127
o-Xylene	<0.000990	U	0.0498	0.04295		mg/Kg		86	79 - 125

Surrogate	MS %Recovery	MS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	101		56 - 150
4-Bromofluorobenzene (Surr)	103		68 - 152
Dibromofluoromethane (Surr)	100		53 - 142
Toluene-d8 (Surr)	95		70 - 130

Lab Sample ID: 880-19118-71 MS

Matrix: Solid

Analysis Batch: 69280

Client Sample ID: CS-71 (4')

Prep Type: Total/NA

Prep Batch: 69265

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00101	U	0.0499	0.04611		mg/Kg		92	71 - 119
Toluene	<0.00503	U	0.0499	0.04579		mg/Kg		92	74 - 122
Ethylbenzene	<0.00101	U	0.0499	0.04685		mg/Kg		94	80 - 123
m,p-Xylenes	<0.00201	U	0.0499	0.04597		mg/Kg		92	78 - 127
o-Xylene	<0.00101	U	0.0499	0.04711		mg/Kg		94	79 - 125

Surrogate	MS %Recovery	MS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	100		56 - 150
4-Bromofluorobenzene (Surr)	94		68 - 152
Dibromofluoromethane (Surr)	104		53 - 142
Toluene-d8 (Surr)	98		70 - 130

Lab Sample ID: MB 860-69278/9

Matrix: Solid

Analysis Batch: 69278

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00100	U	0.00100		mg/Kg			09/16/22 02:29	1
Toluene	<0.00500	U	0.00500		mg/Kg			09/16/22 02:29	1
Ethylbenzene	<0.00100	U	0.00100		mg/Kg			09/16/22 02:29	1
m,p-Xylenes	<0.00200	U	0.00200		mg/Kg			09/16/22 02:29	1
o-Xylene	<0.00100	U	0.00100		mg/Kg			09/16/22 02:29	1
Xylenes, Total	<0.00200	U	0.00200		mg/Kg			09/16/22 02:29	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	105		56 - 150		09/16/22 02:29	1
4-Bromofluorobenzene (Surr)	102		68 - 152		09/16/22 02:29	1
Dibromofluoromethane (Surr)	100		53 - 142		09/16/22 02:29	1
Toluene-d8 (Surr)	94		70 - 130		09/16/22 02:29	1

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QC Sample Results

Client: NT Global
Project/Site: South Vacuum Unit 351

Job ID: 880-19118-1
SDG: Lea Co, NM

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

Lab Sample ID: LCS 860-69278/3

Matrix: Solid

Analysis Batch: 69278

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.0500	0.05371		mg/Kg		107	66 - 142
Toluene	0.0500	0.04907		mg/Kg		98	74 - 130
Ethylbenzene	0.0500	0.05030		mg/Kg		101	80 - 130
m,p-Xylenes	0.0500	0.05088		mg/Kg		102	78 - 130
o-Xylene	0.0500	0.05105		mg/Kg		102	79 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	99		56 - 150
4-Bromofluorobenzene (Surr)	102		68 - 152
Dibromofluoromethane (Surr)	102		53 - 142
Toluene-d8 (Surr)	94		70 - 130

Lab Sample ID: LCSD 860-69278/4

Matrix: Solid

Analysis Batch: 69278

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.0500	0.04564		mg/Kg		91	66 - 142	16	25
Toluene	0.0500	0.04164		mg/Kg		83	74 - 130	16	25
Ethylbenzene	0.0500	0.04282		mg/Kg		86	80 - 130	16	25
m,p-Xylenes	0.0500	0.04304		mg/Kg		86	78 - 130	17	25
o-Xylene	0.0500	0.04343		mg/Kg		87	79 - 130	16	25

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	101		56 - 150
4-Bromofluorobenzene (Surr)	103		68 - 152
Dibromofluoromethane (Surr)	99		53 - 142
Toluene-d8 (Surr)	96		70 - 130

Lab Sample ID: MB 860-69280/8

Matrix: Solid

Analysis Batch: 69280

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00100	U	0.00100		mg/Kg			09/16/22 01:34	1
Toluene	<0.00500	U	0.00500		mg/Kg			09/16/22 01:34	1
Ethylbenzene	<0.00100	U	0.00100		mg/Kg			09/16/22 01:34	1
m,p-Xylenes	<0.00200	U	0.00200		mg/Kg			09/16/22 01:34	1
o-Xylene	<0.00100	U	0.00100		mg/Kg			09/16/22 01:34	1
Xylenes, Total	<0.00200	U	0.00200		mg/Kg			09/16/22 01:34	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	102		56 - 150		09/16/22 01:34	1
4-Bromofluorobenzene (Surr)	95		68 - 152		09/16/22 01:34	1
Dibromofluoromethane (Surr)	97		53 - 142		09/16/22 01:34	1
Toluene-d8 (Surr)	95		70 - 130		09/16/22 01:34	1

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QC Sample Results

Client: NT Global
Project/Site: South Vacuum Unit 351

Job ID: 880-19118-1
SDG: Lea Co, NM

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

Lab Sample ID: LCS 860-69280/3

Matrix: Solid

Analysis Batch: 69280

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.0500	0.05354		mg/Kg		107	66 - 142
Toluene	0.0500	0.05349		mg/Kg		107	74 - 130
Ethylbenzene	0.0500	0.05457		mg/Kg		109	80 - 130
m,p-Xylenes	0.0500	0.05347		mg/Kg		107	78 - 130
o-Xylene	0.0500	0.05486		mg/Kg		110	79 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	99		56 - 150
4-Bromofluorobenzene (Surr)	93		68 - 152
Dibromofluoromethane (Surr)	102		53 - 142
Toluene-d8 (Surr)	97		70 - 130

Lab Sample ID: LCSD 860-69280/4

Matrix: Solid

Analysis Batch: 69280

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.0500	0.05046		mg/Kg		101	66 - 142	6	25
Toluene	0.0500	0.05073		mg/Kg		101	74 - 130	5	25
Ethylbenzene	0.0500	0.05146		mg/Kg		103	80 - 130	6	25
m,p-Xylenes	0.0500	0.05071		mg/Kg		101	78 - 130	5	25
o-Xylene	0.0500	0.05262		mg/Kg		105	79 - 130	4	25

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	96		56 - 150
4-Bromofluorobenzene (Surr)	93		68 - 152
Dibromofluoromethane (Surr)	99		53 - 142
Toluene-d8 (Surr)	99		70 - 130

Lab Sample ID: MB 860-69334/8

Matrix: Solid

Analysis Batch: 69334

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00100	U	0.00100		mg/Kg			09/16/22 14:41	1
Toluene	<0.00500	U	0.00500		mg/Kg			09/16/22 14:41	1
Ethylbenzene	<0.00100	U	0.00100		mg/Kg			09/16/22 14:41	1
m,p-Xylenes	<0.00200	U	0.00200		mg/Kg			09/16/22 14:41	1
o-Xylene	<0.00100	U	0.00100		mg/Kg			09/16/22 14:41	1
Xylenes, Total	<0.00200	U	0.00200		mg/Kg			09/16/22 14:41	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	82		56 - 150		09/16/22 14:41	1
4-Bromofluorobenzene (Surr)	95		68 - 152		09/16/22 14:41	1
Dibromofluoromethane (Surr)	84		53 - 142		09/16/22 14:41	1
Toluene-d8 (Surr)	100		70 - 130		09/16/22 14:41	1

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QC Sample Results

Client: NT Global
Project/Site: South Vacuum Unit 351

Job ID: 880-19118-1
SDG: Lea Co, NM

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

Lab Sample ID: LCS 860-69334/3

Matrix: Solid

Analysis Batch: 69334

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.0500	0.04328		mg/Kg		87	66 - 142
Toluene	0.0500	0.04826		mg/Kg		97	74 - 130
Ethylbenzene	0.0500	0.04886		mg/Kg		98	80 - 130
m,p-Xylenes	0.0500	0.04827		mg/Kg		97	78 - 130
o-Xylene	0.0500	0.04946		mg/Kg		99	79 - 130

Surrogate	%Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	75		56 - 150
4-Bromofluorobenzene (Surr)	90		68 - 152
Dibromofluoromethane (Surr)	78		53 - 142
Toluene-d8 (Surr)	101		70 - 130

Lab Sample ID: LCSD 860-69334/4

Matrix: Solid

Analysis Batch: 69334

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	Limit
Benzene	0.0500	0.04307		mg/Kg		86	66 - 142	0	25
Toluene	0.0500	0.04699		mg/Kg		94	74 - 130	3	25
Ethylbenzene	0.0500	0.04772		mg/Kg		95	80 - 130	2	25
m,p-Xylenes	0.0500	0.04634		mg/Kg		93	78 - 130	4	25
o-Xylene	0.0500	0.04720		mg/Kg		94	79 - 130	5	25

Surrogate	%Recovery	LCSD Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	74		56 - 150
4-Bromofluorobenzene (Surr)	89		68 - 152
Dibromofluoromethane (Surr)	79		53 - 142
Toluene-d8 (Surr)	98		70 - 130

Lab Sample ID: MB 860-69336/8

Matrix: Solid

Analysis Batch: 69336

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00100	U	0.00100		mg/Kg			09/16/22 13:28	1
Toluene	<0.00500	U	0.00500		mg/Kg			09/16/22 13:28	1
Ethylbenzene	<0.00100	U	0.00100		mg/Kg			09/16/22 13:28	1
m,p-Xylenes	<0.00200	U	0.00200		mg/Kg			09/16/22 13:28	1
o-Xylene	<0.00100	U	0.00100		mg/Kg			09/16/22 13:28	1
Xylenes, Total	<0.00200	U	0.00200		mg/Kg			09/16/22 13:28	1

Surrogate	%Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	102		56 - 150		09/16/22 13:28	1
4-Bromofluorobenzene (Surr)	97		68 - 152		09/16/22 13:28	1
Dibromofluoromethane (Surr)	98		53 - 142		09/16/22 13:28	1
Toluene-d8 (Surr)	96		70 - 130		09/16/22 13:28	1

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QC Sample Results

Client: NT Global
Project/Site: South Vaccum Unit 351

Job ID: 880-19118-1
SDG: Lea Co, NM

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

Lab Sample ID: LCS 860-69336/3

Matrix: Solid

Analysis Batch: 69336

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.0500	0.05690		mg/Kg		114	66 - 142
Toluene	0.0500	0.05560		mg/Kg		111	74 - 130
Ethylbenzene	0.0500	0.05736		mg/Kg		115	80 - 130
m,p-Xylenes	0.0500	0.05574		mg/Kg		111	78 - 130
o-Xylene	0.0500	0.05703		mg/Kg		114	79 - 130

Surrogate	%Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	99		56 - 150
4-Bromofluorobenzene (Surr)	93		68 - 152
Dibromofluoromethane (Surr)	100		53 - 142
Toluene-d8 (Surr)	97		70 - 130

Lab Sample ID: LCSD 860-69336/4

Matrix: Solid

Analysis Batch: 69336

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	Limit
Benzene	0.0500	0.05895		mg/Kg		118	66 - 142	4	25
Toluene	0.0500	0.05909		mg/Kg		118	74 - 130	6	25
Ethylbenzene	0.0500	0.06046		mg/Kg		121	80 - 130	5	25
m,p-Xylenes	0.0500	0.05855		mg/Kg		117	78 - 130	5	25
o-Xylene	0.0500	0.05994		mg/Kg		120	79 - 130	5	25

Surrogate	%Recovery	LCSD Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	99		56 - 150
4-Bromofluorobenzene (Surr)	94		68 - 152
Dibromofluoromethane (Surr)	101		53 - 142
Toluene-d8 (Surr)	99		70 - 130

Lab Sample ID: 880-19118-88 MS

Matrix: Solid

Analysis Batch: 69336

Client Sample ID: SW-12

Prep Type: Total/NA

Prep Batch: 69361

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00100	U	0.0503	0.05464		mg/Kg		109	71 - 119
Toluene	<0.00500	U	0.0503	0.05374		mg/Kg		107	74 - 122
Ethylbenzene	<0.00100	U	0.0503	0.05476		mg/Kg		109	80 - 123
m,p-Xylenes	<0.00200	U	0.0503	0.05374		mg/Kg		107	78 - 127
o-Xylene	<0.00100	U	0.0503	0.05496		mg/Kg		109	79 - 125

Surrogate	%Recovery	MS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	97		56 - 150
4-Bromofluorobenzene (Surr)	97		68 - 152
Dibromofluoromethane (Surr)	101		53 - 142
Toluene-d8 (Surr)	98		70 - 130

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QC Sample Results

Client: NT Global
Project/Site: South Vacuum Unit 351

Job ID: 880-19118-1
SDG: Lea Co, NM

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

Lab Sample ID: MB 860-69366/8

Matrix: Solid

Analysis Batch: 69366

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00100	U	0.00100		mg/Kg			09/16/22 15:01	1
Toluene	<0.00500	U	0.00500		mg/Kg			09/16/22 15:01	1
Ethylbenzene	<0.00100	U	0.00100		mg/Kg			09/16/22 15:01	1
m,p-Xylenes	<0.00200	U	0.00200		mg/Kg			09/16/22 15:01	1
o-Xylene	<0.00100	U	0.00100		mg/Kg			09/16/22 15:01	1
Xylenes, Total	<0.00200	U	0.00200		mg/Kg			09/16/22 15:01	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	92		56 - 150		09/16/22 15:01	1
4-Bromofluorobenzene (Surr)	108		68 - 152		09/16/22 15:01	1
Dibromofluoromethane (Surr)	90		53 - 142		09/16/22 15:01	1
Toluene-d8 (Surr)	106		70 - 130		09/16/22 15:01	1

Lab Sample ID: LCS 860-69366/3

Matrix: Solid

Analysis Batch: 69366

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.0500	0.04994		mg/Kg		100	66 - 142
Toluene	0.0500	0.05215		mg/Kg		104	74 - 130
Ethylbenzene	0.0500	0.05681		mg/Kg		114	80 - 130
m,p-Xylenes	0.0500	0.05974		mg/Kg		119	78 - 130
o-Xylene	0.0500	0.05372		mg/Kg		107	79 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	95		56 - 150
4-Bromofluorobenzene (Surr)	108		68 - 152
Dibromofluoromethane (Surr)	91		53 - 142
Toluene-d8 (Surr)	101		70 - 130

Lab Sample ID: LCSD 860-69366/4

Matrix: Solid

Analysis Batch: 69366

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.0500	0.04693		mg/Kg		94	66 - 142	6	25
Toluene	0.0500	0.04948		mg/Kg		99	74 - 130	5	25
Ethylbenzene	0.0500	0.05315		mg/Kg		106	80 - 130	7	25
m,p-Xylenes	0.0500	0.05541		mg/Kg		111	78 - 130	8	25
o-Xylene	0.0500	0.04988		mg/Kg		100	79 - 130	7	25

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	93		56 - 150
4-Bromofluorobenzene (Surr)	109		68 - 152
Dibromofluoromethane (Surr)	94		53 - 142
Toluene-d8 (Surr)	104		70 - 130

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QC Sample Results

Client: NT Global
Project/Site: South Vaccum Unit 351

Job ID: 880-19118-1
SDG: Lea Co, NM

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

Lab Sample ID: 860-33231-C-4-A MS

Matrix: Solid

Analysis Batch: 69568

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 69408

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.0186	U	0.931	0.8553		mg/Kg		92	71 - 119
Toluene	<0.0931	U	0.931	0.8830		mg/Kg		95	74 - 122
Ethylbenzene	0.0457		0.931	1.053		mg/Kg		108	80 - 123
m,p-Xylenes	<0.0373	U	0.931	1.108		mg/Kg		119	78 - 127
o-Xylene	<0.0186	U	0.931	0.9405		mg/Kg		101	79 - 125

Surrogate	MS %Recovery	MS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	89		56 - 150
4-Bromofluorobenzene (Surr)	132		68 - 152
Dibromofluoromethane (Surr)	83		53 - 142
Toluene-d8 (Surr)	113		70 - 130

Lab Sample ID: MB 860-69568/8

Matrix: Solid

Analysis Batch: 69568

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00100	U	0.00100		mg/Kg			09/19/22 12:32	1
Toluene	<0.00500	U	0.00500		mg/Kg			09/19/22 12:32	1
Ethylbenzene	<0.00100	U	0.00100		mg/Kg			09/19/22 12:32	1
m,p-Xylenes	<0.00200	U	0.00200		mg/Kg			09/19/22 12:32	1
o-Xylene	<0.00100	U	0.00100		mg/Kg			09/19/22 12:32	1
Xylenes, Total	<0.00200	U	0.00200		mg/Kg			09/19/22 12:32	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	99		56 - 150		09/19/22 12:32	1
4-Bromofluorobenzene (Surr)	114		68 - 152		09/19/22 12:32	1
Dibromofluoromethane (Surr)	86		53 - 142		09/19/22 12:32	1
Toluene-d8 (Surr)	107		70 - 130		09/19/22 12:32	1

Lab Sample ID: LCS 860-69568/20

Matrix: Solid

Analysis Batch: 69568

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.0500	0.04862		mg/Kg		97	66 - 142
Toluene	0.0500	0.04765		mg/Kg		95	74 - 130
Ethylbenzene	0.0500	0.05053		mg/Kg		101	80 - 130
m,p-Xylenes	0.0500	0.05320		mg/Kg		106	78 - 130
o-Xylene	0.0500	0.04936		mg/Kg		99	79 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	105		56 - 150
4-Bromofluorobenzene (Surr)	116		68 - 152
Dibromofluoromethane (Surr)	104		53 - 142
Toluene-d8 (Surr)	99		70 - 130

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QC Sample Results

Client: NT Global
Project/Site: South Vaccum Unit 351

Job ID: 880-19118-1
SDG: Lea Co, NM

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

Lab Sample ID: LCSD 860-69568/21

Matrix: Solid

Analysis Batch: 69568

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.0500	0.03899		mg/Kg		78	66 - 142	22	25
Toluene	0.0500	0.04093		mg/Kg		82	74 - 130	15	25
Ethylbenzene	0.0500	0.04311		mg/Kg		86	80 - 130	16	25
m,p-Xylenes	0.0500	0.04457		mg/Kg		89	78 - 130	18	25
o-Xylene	0.0500	0.04127		mg/Kg		83	79 - 130	18	25

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	98		56 - 150
4-Bromofluorobenzene (Surr)	117		68 - 152
Dibromofluoromethane (Surr)	102		53 - 142
Toluene-d8 (Surr)	102		70 - 130

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

Lab Sample ID: 860-33097-A-2-F MS

Matrix: Solid

Analysis Batch: 69130

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 68973

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene - DL	5.01		10.1	15.44		mg/Kg		103	71 - 119
Toluene - DL	34.5	E	10.1	43.76	E	mg/Kg		92	74 - 122
Ethylbenzene - DL	11.0		10.1	20.54		mg/Kg		94	80 - 123
m,p-Xylenes - DL	34.0	E F1	10.1	41.76	E F1	mg/Kg		77	78 - 127
o-Xylene - DL	16.7		10.1	26.02		mg/Kg		93	79 - 125

Surrogate	MS %Recovery	MS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr) - DL	91		56 - 150
4-Bromofluorobenzene (Surr) - DL	101		68 - 152
Dibromofluoromethane (Surr) - DL	97		53 - 142
Toluene-d8 (Surr) - DL	95		70 - 130

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

Lab Sample ID: MB 880-34485/1-A

Matrix: Solid

Analysis Batch: 34542

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 34485

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		09/14/22 09:36	09/15/22 09:25	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		09/14/22 09:36	09/15/22 09:25	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		09/14/22 09:36	09/15/22 09:25	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	117		70 - 130	09/14/22 09:36	09/15/22 09:25	1

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QC Sample Results

Client: NT Global
Project/Site: South Vaccum Unit 351

Job ID: 880-19118-1
SDG: Lea Co, NM

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

Lab Sample ID: MB 880-34485/1-A

Matrix: Solid

Analysis Batch: 34542

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 34485

	MB	MB								
Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil	Fac			
<i>o</i> -Terphenyl	118		70 - 130	09/14/22 09:36	09/15/22 09:25	1				

Lab Sample ID: LCS 880-34485/2-A

Matrix: Solid

Analysis Batch: 34542

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 34485

			Spike	LCS	LCS				%Rec		
Analyte			Added	Result	Qualifier	Unit	D	%Rec	Limits		
Gasoline Range Organics (GRO)-C6-C10			1000	838.8		mg/Kg		84	70 - 130		
Diesel Range Organics (Over C10-C28)			1000	910.9		mg/Kg		91	70 - 130		
Surrogate	LCS	LCS									
	%Recovery	Qualifier	Limits								
1-Chlorooctane	92		70 - 130								
<i>o</i> -Terphenyl	102		70 - 130								

Lab Sample ID: LCSD 880-34485/3-A

Matrix: Solid

Analysis Batch: 34542

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 34485

			Spike	LCSD	LCSD				%Rec		RPD	
Analyte			Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit	
Gasoline Range Organics (GRO)-C6-C10			1000	804.6		mg/Kg		80	70 - 130	4	20	
Diesel Range Organics (Over C10-C28)			1000	869.8		mg/Kg		87	70 - 130	5	20	
Surrogate	LCSD	LCSD										
	%Recovery	Qualifier	Limits									
1-Chlorooctane	89		70 - 130									
<i>o</i> -Terphenyl	97		70 - 130									

Lab Sample ID: 880-19118-6 MS

Matrix: Solid

Analysis Batch: 34542

Client Sample ID: CS-6 (4')

Prep Type: Total/NA

Prep Batch: 34485

	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	996	817.6		mg/Kg		82	70 - 130		
Diesel Range Organics (Over C10-C28)	<49.9	U	996	978.3		mg/Kg		98	70 - 130		
Surrogate	MS	MS									
	%Recovery	Qualifier	Limits								
1-Chlorooctane	93		70 - 130								
<i>o</i> -Terphenyl	74		70 - 130								

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QC Sample Results

Client: NT Global
Project/Site: South Vacuum Unit 351

Job ID: 880-19118-1
SDG: Lea Co, NM

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

Lab Sample ID: 880-19118-6 MSD

Matrix: Solid

Analysis Batch: 34542

Client Sample ID: CS-6 (4')

Prep Type: Total/NA

Prep Batch: 34485

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	831.8		mg/Kg		83	70 - 130	2	20
Diesel Range Organics (Over C10-C28)	<49.9	U	999	1048		mg/Kg		105	70 - 130	7	20
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
1-Chlorooctane	103		70 - 130								
o-Terphenyl	78		70 - 130								

Lab Sample ID: MB 880-34486/1-A

Matrix: Solid

Analysis Batch: 34544

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 34486

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		09/14/22 09:39	09/15/22 09:25	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		09/14/22 09:39	09/15/22 09:25	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		09/14/22 09:39	09/15/22 09:25	1
Surrogate	MB %Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	124		70 - 130				09/14/22 09:39	09/15/22 09:25	1
o-Terphenyl	137	S1+	70 - 130				09/14/22 09:39	09/15/22 09:25	1

Lab Sample ID: LCS 880-34486/2-A

Matrix: Solid

Analysis Batch: 34544

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 34486

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10	1000	889.0		mg/Kg		89	70 - 130		
Diesel Range Organics (Over C10-C28)	1000	1098		mg/Kg		110	70 - 130		
Surrogate	LCS %Recovery	LCS Qualifier	Limits						
1-Chlorooctane	124		70 - 130						
o-Terphenyl	146	S1+	70 - 130						

Lab Sample ID: LCSD 880-34486/3-A

Matrix: Solid

Analysis Batch: 34544

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 34486

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	1142	*1	mg/Kg		114	70 - 130	25	20
Diesel Range Organics (Over C10-C28)	1000	1133		mg/Kg		113	70 - 130	3	20

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QC Sample Results

Client: NT Global
Project/Site: South Vaccum Unit 351

Job ID: 880-19118-1
SDG: Lea Co, NM

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

Lab Sample ID: LCSD 880-34486/3-A

Matrix: Solid

Analysis Batch: 34544

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 34486

	LCSD	LCSD	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	149	S1+	70 - 130
o-Terphenyl	158	S1+	70 - 130

Lab Sample ID: 880-19118-21 MS

Matrix: Solid

Analysis Batch: 34544

Client Sample ID: CS-21 (4')

Prep Type: Total/NA

Prep Batch: 34486

	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 *1 F1	996	641.1	F1	mg/Kg		62	70 - 130	
Diesel Range Organics (Over C10-C28)	<49.9	U	996	982.6		mg/Kg		99	70 - 130	
Surrogate	%Recovery	Qualifier	Limits							
1-Chlorooctane	92		70 - 130							
o-Terphenyl	82		70 - 130							

Lab Sample ID: 880-19118-21 MSD

Matrix: Solid

Analysis Batch: 34544

Client Sample ID: CS-21 (4')

Prep Type: Total/NA

Prep Batch: 34486

	Sample	Sample	Spike	MSD	MSD				%Rec		RPD	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit	
Gasoline Range Organics (GRO)-C6-C10	<49.9	U *1 F1	999	555.0	F1	mg/Kg		54	70 - 130	14	20	
Diesel Range Organics (Over C10-C28)	<49.9	U	999	952.4		mg/Kg		95	70 - 130	3	20	
Surrogate	%Recovery	Qualifier	Limits									
1-Chlorooctane	89		70 - 130									
o-Terphenyl	78		70 - 130									

Lab Sample ID: MB 880-34503/1-A

Matrix: Solid

Analysis Batch: 34546

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 34503

	MB	MB									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac		
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		09/14/22 13:21	09/15/22 09:19	1		
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		09/14/22 13:21	09/15/22 09:19	1		
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		09/14/22 13:21	09/15/22 09:19	1		
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac		
1-Chlorooctane	90		70 - 130				09/14/22 13:21	09/15/22 09:19	1		
o-Terphenyl	101		70 - 130				09/14/22 13:21	09/15/22 09:19	1		

Eurofins Midland

QC Sample Results

Client: NT Global
Project/Site: South Vaccum Unit 351

Job ID: 880-19118-1
SDG: Lea Co, NM

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

Lab Sample ID: LCS 880-34503/2-A

Matrix: Solid

Analysis Batch: 34546

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 34503

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec	Limits		
Gasoline Range Organics (GRO)-C6-C10	1000	956.1		mg/Kg		96		70 - 130		
Diesel Range Organics (Over C10-C28)	1000	963.7		mg/Kg		96		70 - 130		

Lab Sample ID: LCSD 880-34503/3-A

Matrix: Solid

Analysis Batch: 34546

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 34503

			Spike	LCSD	LCSD				%Rec	RPD	
Analyte			Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Gasoline Range Organics (GRO)-C6-C10			1000	1003		mg/Kg		100	70 - 130	5	20
Diesel Range Organics (Over C10-C28)			1000	1033		mg/Kg		103	70 - 130	7	20
			LCSD	LCSD							
Surrogate	%Recovery	Qualifier	Limits								
1-Chlorooctane	90		70 - 130								
o-Terphenyl	99		70 - 130								

Lab Sample ID: 880-19118-41 MS

Matrix: Solid

Analysis Batch: 34546

Client Sample ID: CS-41 (4')

Prep Type: Total/NA

Prep Batch: 34503

	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	996	897.1		mg/Kg		89	70 - 130		
Diesel Range Organics (Over C10-C28)	<49.9	U	996	859.2		mg/Kg		86	70 - 130		
Surrogate	MS %Recovery	MS Qualifier	Limits								
1-Chlorooctane	99		70 - 130								
o-Terphenyl	90		70 - 130								

Lab Sample ID: 880-19118-41 MSD

Matrix: Solid

Analysis Batch: 34546

Client Sample ID: CS-41 (4')

Prep Type: Total/NA

Prep Batch: 34503

	Sample	Sample	Spike	MSD	MSD				%Rec		RPD
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	999	897.7		mg/Kg		88	70 - 130	0	20
Diesel Range Organics (Over C10-C28)	<49.9	U	999	839.6		mg/Kg		84	70 - 130	2	20
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
1-Chlorooctane	95		70 - 130								

Eurofins Midland

QC Sample Results

Client: NT Global
Project/Site: South Vaccum Unit 351

Job ID: 880-19118-1
SDG: Lea Co, NM

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

Lab Sample ID: 880-19118-41 MSD

Matrix: Solid

Analysis Batch: 34546

Client Sample ID: CS-41 (4')

Prep Type: Total/NA

Prep Batch: 34503

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
<i>o</i> -Terphenyl	90		70 - 130

Lab Sample ID: MB 880-34505/1-A

Matrix: Solid

Analysis Batch: 34542

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 34505

	MB	MB								
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil	Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		09/14/22 13:25	09/15/22 19:05	1	
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		09/14/22 13:25	09/15/22 19:05	1	
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		09/14/22 13:25	09/15/22 19:05	1	
	MB	MB								
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil	Fac
1-Chlorooctane	119		70 - 130				09/14/22 13:25	09/15/22 19:05	1	
<i>o</i> -Terphenyl	119		70 - 130				09/14/22 13:25	09/15/22 19:05	1	

Lab Sample ID: LCS 880-34505/2-A

Matrix: Solid

Analysis Batch: 34542

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 34505

		Spike	LCS	LCS				%Rec		
Analyte		Added	Result	Qualifier	Unit	D	%Rec	Limits		
Gasoline Range Organics (GRO)-C6-C10		1000	1002		mg/Kg		100	70 - 130		
Diesel Range Organics (Over C10-C28)		1000	1015		mg/Kg		102	70 - 130		
	LCS	LCS								
Surrogate	%Recovery	Qualifier	Limits							
1-Chlorooctane	102		70 - 130							
<i>o</i> -Terphenyl	112		70 - 130							

Lab Sample ID: LCSD 880-34505/3-A

Matrix: Solid

Analysis Batch: 34542

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 34505

		Spike	LCSD	LCSD				%Rec		RPD	
Analyte		Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit	
Gasoline Range Organics (GRO)-C6-C10		1000	821.2		mg/Kg		82	70 - 130	20	20	
Diesel Range Organics (Over C10-C28)		1000	881.0		mg/Kg		88	70 - 130	14	20	
	LCSD	LCSD									
Surrogate	%Recovery	Qualifier	Limits								
1-Chlorooctane	106		70 - 130								
<i>o</i> -Terphenyl	98		70 - 130								

Eurofins Midland

QC Sample Results

Client: NT Global
Project/Site: South Vaccum Unit 351

Job ID: 880-19118-1
SDG: Lea Co, NM

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

Lab Sample ID: 880-19118-61 MS

Matrix: Solid

Analysis Batch: 34542

Client Sample ID: CS-61 (4')

Prep Type: Total/NA

Prep Batch: 34505

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	996	826.0		mg/Kg		83	70 - 130
Diesel Range Organics (Over C10-C28)	<49.9	U	996	1047		mg/Kg		105	70 - 130
Surrogate	MS %Recovery	MS Qualifier	Limits						
1-Chlorooctane	116		70 - 130						
o-Terphenyl	96		70 - 130						

Lab Sample ID: 880-19118-61 MSD

Matrix: Solid

Analysis Batch: 34542

Client Sample ID: CS-61 (4')

Prep Type: Total/NA

Prep Batch: 34505

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	829.8		mg/Kg		83	70 - 130	0	20
Diesel Range Organics (Over C10-C28)	<49.9	U	999	1036		mg/Kg		104	70 - 130	1	20
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
1-Chlorooctane	116		70 - 130								
o-Terphenyl	94		70 - 130								

Lab Sample ID: MB 880-34506/1-A

Matrix: Solid

Analysis Batch: 34544

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 34506

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		09/14/22 13:28	09/15/22 19:05	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		09/14/22 13:28	09/15/22 19:05	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		09/14/22 13:28	09/15/22 19:05	1
Surrogate	MB %Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	118		70 - 130				09/14/22 13:28	09/15/22 19:05	1
o-Terphenyl	130		70 - 130				09/14/22 13:28	09/15/22 19:05	1

Lab Sample ID: LCS 880-34506/2-A

Matrix: Solid

Analysis Batch: 34544

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 34506

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	1009		mg/Kg		101	70 - 130
Diesel Range Organics (Over C10-C28)	1000	1012		mg/Kg		101	70 - 130

Eurofins Midland

QC Sample Results

Client: NT Global
Project/Site: South Vacuum Unit 351

Job ID: 880-19118-1
SDG: Lea Co, NM

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

Lab Sample ID: LCS 880-34506/2-A

Matrix: Solid

Analysis Batch: 34544

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 34506

	LCS	LCS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	129		70 - 130
o-Terphenyl	143	S1+	70 - 130

Lab Sample ID: LCSD 880-34506/3-A

Matrix: Solid

Analysis Batch: 34544

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 34506

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	1044		mg/Kg		104	70 - 130	3	20
Diesel Range Organics (Over C10-C28)	1000	1057		mg/Kg		106	70 - 130	4	20

	LCSD	LCSD	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	137	S1+	70 - 130
o-Terphenyl	147	S1+	70 - 130

Lab Sample ID: 880-19118-81 MS

Matrix: Solid

Analysis Batch: 34544

Client Sample ID: SW-5

Prep Type: Total/NA

Prep Batch: 34506

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 F1	996	609.1	F1	mg/Kg		59	70 - 130
Diesel Range Organics (Over C10-C28)	<49.9	U	996	969.6		mg/Kg		96	70 - 130

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	102		70 - 130
o-Terphenyl	96		70 - 130

Lab Sample ID: 880-19118-81 MSD

Matrix: Solid

Analysis Batch: 34544

Client Sample ID: SW-5

Prep Type: Total/NA

Prep Batch: 34506

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 F1	999	744.4		mg/Kg		73	70 - 130	20	20
Diesel Range Organics (Over C10-C28)	<49.9	U	999	1138		mg/Kg		112	70 - 130	16	20

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	123		70 - 130
o-Terphenyl	108		70 - 130

Eurofins Midland

QC Sample Results

Client: NT Global
Project/Site: South Vacuum Unit 351

Job ID: 880-19118-1
SDG: Lea Co, NM

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-34371/1-A

Matrix: Solid

Analysis Batch: 34576

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			09/15/22 21:28	1

Lab Sample ID: LCS 880-34371/2-A

Matrix: Solid

Analysis Batch: 34576

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	249.8		mg/Kg		100	90 - 110

Lab Sample ID: LCSD 880-34371/3-A

Matrix: Solid

Analysis Batch: 34576

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	249.1		mg/Kg		100	90 - 110	0	20

Lab Sample ID: 880-19118-1 MS

Matrix: Solid

Analysis Batch: 34576

Client Sample ID: CS-1 (4')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	1660		1250	2997		mg/Kg		107	90 - 110

Lab Sample ID: 880-19118-1 MSD

Matrix: Solid

Analysis Batch: 34576

Client Sample ID: CS-1 (4')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	1660		1250	2973		mg/Kg		105	90 - 110	1	20

Lab Sample ID: 880-19118-11 MS

Matrix: Solid

Analysis Batch: 34576

Client Sample ID: CS-11 (4')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	5050		2500	7773		mg/Kg		109	90 - 110

Lab Sample ID: 880-19118-11 MSD

Matrix: Solid

Analysis Batch: 34576

Client Sample ID: CS-11 (4')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	5050		2500	7782		mg/Kg		109	90 - 110	0	20

Lab Sample ID: MB 880-34372/1-A

Matrix: Solid

Analysis Batch: 34577

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			09/16/22 03:15	1

Eurofins Midland

QC Sample Results

Client: NT Global
Project/Site: South Vaccum Unit 351

Job ID: 880-19118-1
SDG: Lea Co, NM

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: LCS 880-34372/2-A

Matrix: Solid

Analysis Batch: 34577

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	251.7		mg/Kg		101	90 - 110

Lab Sample ID: LCSD 880-34372/3-A

Matrix: Solid

Analysis Batch: 34577

Client Sample ID: Lab Control Sample Dup

Prep Type: Soluble

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	250	252.7		mg/Kg		101	90 - 110	0	20

Lab Sample ID: 880-19118-21 MS

Matrix: Solid

Analysis Batch: 34577

Client Sample ID: CS-21 (4')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	2770		1250	4097		mg/Kg		106	90 - 110

Lab Sample ID: 880-19118-21 MSD

Matrix: Solid

Analysis Batch: 34577

Client Sample ID: CS-21 (4')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	2770		1250	4104		mg/Kg		107	90 - 110	0	20

Lab Sample ID: 880-19118-31 MS

Matrix: Solid

Analysis Batch: 34577

Client Sample ID: CS-31 (4')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	6180		2510	8804		mg/Kg		105	90 - 110

Lab Sample ID: 880-19118-31 MSD

Matrix: Solid

Analysis Batch: 34577

Client Sample ID: CS-31 (4')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	6180		2510	8808		mg/Kg		105	90 - 110	0	20

Lab Sample ID: MB 880-34373/1-A

Matrix: Solid

Analysis Batch: 34578

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			09/16/22 10:00	1

Lab Sample ID: LCS 880-34373/2-A

Matrix: Solid

Analysis Batch: 34578

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	255.3		mg/Kg		102	90 - 110

Eurofins Midland

QC Sample Results

Client: NT Global
Project/Site: South Vacuum Unit 351

Job ID: 880-19118-1
SDG: Lea Co, NM

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: LCSD 880-34373/3-A

Matrix: Solid

Analysis Batch: 34578

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	256.4		mg/Kg		103	90 - 110	0	20

Lab Sample ID: 880-19118-41 MS

Matrix: Solid

Analysis Batch: 34578

Client Sample ID: CS-41 (4')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	616		250	846.2		mg/Kg		92	90 - 110		

Lab Sample ID: 880-19118-41 MSD

Matrix: Solid

Analysis Batch: 34578

Client Sample ID: CS-41 (4')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	616		250	848.6		mg/Kg		93	90 - 110	0	20

Lab Sample ID: 880-19118-51 MS

Matrix: Solid

Analysis Batch: 34578

Client Sample ID: CS-51 (4')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	493		251	766.2		mg/Kg		109	90 - 110		

Lab Sample ID: 880-19118-51 MSD

Matrix: Solid

Analysis Batch: 34578

Client Sample ID: CS-51 (4')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	493		251	754.0		mg/Kg		104	90 - 110	2	20

Lab Sample ID: MB 880-34374/1-A

Matrix: Solid

Analysis Batch: 34580

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			09/16/22 01:49	1

Lab Sample ID: LCS 880-34374/2-A

Matrix: Solid

Analysis Batch: 34580

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	250	249.6		mg/Kg		100	90 - 110		

Lab Sample ID: LCSD 880-34374/3-A

Matrix: Solid

Analysis Batch: 34580

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	249.2		mg/Kg		100	90 - 110	0	20

Eurofins Midland

QC Sample Results

Client: NT Global
Project/Site: South Vacuum Unit 351

Job ID: 880-19118-1
SDG: Lea Co, NM

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: 880-19118-61 MS

Matrix: Solid

Analysis Batch: 34580

Client Sample ID: CS-61 (4')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	4270	F1	2500	7124	F1	mg/Kg		115	90 - 110		

Lab Sample ID: 880-19118-61 MSD

Matrix: Solid

Analysis Batch: 34580

Client Sample ID: CS-61 (4')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	4270	F1	2500	6880		mg/Kg		105	90 - 110	3	20

Lab Sample ID: 880-19118-71 MS

Matrix: Solid

Analysis Batch: 34580

Client Sample ID: CS-71 (4')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	883		2500	3571		mg/Kg		107	90 - 110		

Lab Sample ID: 880-19118-71 MSD

Matrix: Solid

Analysis Batch: 34580

Client Sample ID: CS-71 (4')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	883		2500	3612		mg/Kg		109	90 - 110	1	20

Lab Sample ID: MB 880-34375/1-A

Matrix: Solid

Analysis Batch: 34581

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			09/16/22 18:05	1

Lab Sample ID: LCS 880-34375/2-A

Matrix: Solid

Analysis Batch: 34581

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	250	251.0		mg/Kg		100	90 - 110		

Lab Sample ID: LCSD 880-34375/3-A

Matrix: Solid

Analysis Batch: 34581

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	251.9		mg/Kg		101	90 - 110	0	20

Lab Sample ID: 880-19118-81 MS

Matrix: Solid

Analysis Batch: 34581

Client Sample ID: SW-5

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	28.4		250	275.8		mg/Kg		99	90 - 110		

Eurofins Midland

QC Sample Results

Client: NT Global
Project/Site: South Vaccum Unit 351

Job ID: 880-19118-1
SDG: Lea Co, NM

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: 880-19118-81 MSD

Matrix: Solid

Analysis Batch: 34581

Client Sample ID: SW-5

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	28.4		250	276.6		mg/Kg		99	90 - 110	0	20

Lab Sample ID: 880-19118-91 MS

Matrix: Solid

Analysis Batch: 34581

Client Sample ID: SW-15

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	41.0		251	310.7		mg/Kg		107	90 - 110		

Lab Sample ID: 880-19118-91 MSD

Matrix: Solid

Analysis Batch: 34581

Client Sample ID: SW-15

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	41.0		251	308.3		mg/Kg		106	90 - 110	1	20

QC Association Summary

Client: NT Global
Project/Site: South Vaccum Unit 351

Job ID: 880-19118-1
SDG: Lea Co, NM

GC/MS VOA

Prep Batch: 68616

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-32937-A-3-C MS	Matrix Spike	Total/NA	Solid	5035	

Prep Batch: 68973

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-33097-A-2-F MS - DL	Matrix Spike	Total/NA	Solid	5035	

Analysis Batch: 69130

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-19118-22	CS-22 (4')	Total/NA	Solid	8260D	69237
880-19118-23	CS-23 (4')	Total/NA	Solid	8260D	69237
880-19118-24	CS-24 (4')	Total/NA	Solid	8260D	69237
880-19118-25	CS-25 (4')	Total/NA	Solid	8260D	69237
880-19118-26	CS-26 (4')	Total/NA	Solid	8260D	69237
880-19118-27	CS-27 (4')	Total/NA	Solid	8260D	69237
880-19118-28	CS-28 (4')	Total/NA	Solid	8260D	69237
880-19118-29	CS-29 (4')	Total/NA	Solid	8260D	69237
MB 860-69130/9	Method Blank	Total/NA	Solid	8260D	
LCS 860-69130/3	Lab Control Sample	Total/NA	Solid	8260D	
LCSD 860-69130/4	Lab Control Sample Dup	Total/NA	Solid	8260D	
860-33097-A-2-F MS - DL	Matrix Spike	Total/NA	Solid	8260D	68973

Prep Batch: 69189

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-33155-C-1-A MS	Matrix Spike	Total/NA	Solid	5030C	
860-33156-C-1-A MS	Matrix Spike	Total/NA	Solid	5030C	

Analysis Batch: 69235

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-19118-1	CS-1 (4')	Total/NA	Solid	8260D	69237
880-19118-2	CS-2 (4')	Total/NA	Solid	8260D	69237
880-19118-3	CS-3 (4')	Total/NA	Solid	8260D	69237
880-19118-4	CS-4 (4')	Total/NA	Solid	8260D	69237
880-19118-6	CS-6 (4')	Total/NA	Solid	8260D	69237
880-19118-7	CS-7 (4')	Total/NA	Solid	8260D	69237
880-19118-8	CS-8 (4')	Total/NA	Solid	8260D	69237
880-19118-9	CS-9 (4')	Total/NA	Solid	8260D	69237
880-19118-10	CS-10 (4')	Total/NA	Solid	8260D	69237
880-19118-11	CS-11 (4')	Total/NA	Solid	8260D	69237
880-19118-12	CS-12 (4')	Total/NA	Solid	8260D	69237
880-19118-13	CS-13 (4')	Total/NA	Solid	8260D	69237
880-19118-14	CS-14 (4')	Total/NA	Solid	8260D	69237
880-19118-15	CS-15 (4')	Total/NA	Solid	8260D	69237
880-19118-16	CS-16 (4')	Total/NA	Solid	8260D	69237
880-19118-17	CS-17 (4')	Total/NA	Solid	8260D	69237
880-19118-18	CS-18 (4')	Total/NA	Solid	8260D	69237
MB 860-69235/7	Method Blank	Total/NA	Solid	8260D	
LCS 860-69235/3	Lab Control Sample	Total/NA	Solid	8260D	
LCSD 860-69235/4	Lab Control Sample Dup	Total/NA	Solid	8260D	
860-33155-C-1-A MS	Matrix Spike	Total/NA	Solid	8260D	69189

Eurofins Midland

QC Association Summary

Client: NT Global
Project/Site: South Vacuum Unit 351

Job ID: 880-19118-1
SDG: Lea Co, NM

GC/MS VOA

Prep Batch: 69237

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-19118-1	CS-1 (4')	Total/NA	Solid	5035	
880-19118-2	CS-2 (4')	Total/NA	Solid	5035	
880-19118-3	CS-3 (4')	Total/NA	Solid	5035	
880-19118-4	CS-4 (4')	Total/NA	Solid	5035	
880-19118-5	CS-5 (4')	Total/NA	Solid	5035	
880-19118-6	CS-6 (4')	Total/NA	Solid	5035	
880-19118-7	CS-7 (4')	Total/NA	Solid	5035	
880-19118-8	CS-8 (4')	Total/NA	Solid	5035	
880-19118-9	CS-9 (4')	Total/NA	Solid	5035	
880-19118-10	CS-10 (4')	Total/NA	Solid	5035	
880-19118-11	CS-11 (4')	Total/NA	Solid	5035	
880-19118-12	CS-12 (4')	Total/NA	Solid	5035	
880-19118-13	CS-13 (4')	Total/NA	Solid	5035	
880-19118-14	CS-14 (4')	Total/NA	Solid	5035	
880-19118-15	CS-15 (4')	Total/NA	Solid	5035	
880-19118-16	CS-16 (4')	Total/NA	Solid	5035	
880-19118-17	CS-17 (4')	Total/NA	Solid	5035	
880-19118-18	CS-18 (4')	Total/NA	Solid	5035	
880-19118-22	CS-22 (4')	Total/NA	Solid	5035	
880-19118-23	CS-23 (4')	Total/NA	Solid	5035	
880-19118-24	CS-24 (4')	Total/NA	Solid	5035	
880-19118-25	CS-25 (4')	Total/NA	Solid	5035	
880-19118-26	CS-26 (4')	Total/NA	Solid	5035	
880-19118-27	CS-27 (4')	Total/NA	Solid	5035	
880-19118-28	CS-28 (4')	Total/NA	Solid	5035	
880-19118-29	CS-29 (4')	Total/NA	Solid	5035	
880-19118-31	CS-31 (4')	Total/NA	Solid	5035	

Prep Batch: 69265

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-19118-44	CS-44 (4')	Total/NA	Solid	5035	
880-19118-45	CS-45 (4')	Total/NA	Solid	5035	
880-19118-48	CS-48 (4')	Total/NA	Solid	5035	
880-19118-49	CS-49 (4')	Total/NA	Solid	5035	
880-19118-50	CS-50 (4')	Total/NA	Solid	5035	
880-19118-51	CS-51 (4')	Total/NA	Solid	5035	
880-19118-52	CS-52 (4')	Total/NA	Solid	5035	
880-19118-53	CS-53 (4')	Total/NA	Solid	5035	
880-19118-54	CS-54 (4')	Total/NA	Solid	5035	
880-19118-55	CS-55 (4')	Total/NA	Solid	5035	
880-19118-56	CS-56 (4')	Total/NA	Solid	5035	
880-19118-57	CS-57 (4')	Total/NA	Solid	5035	
880-19118-58	CS-58 (4')	Total/NA	Solid	5035	
880-19118-59	CS-59 (4')	Total/NA	Solid	5035	
880-19118-60	CS-60 (4')	Total/NA	Solid	5035	
880-19118-61	CS-61 (4')	Total/NA	Solid	5035	
880-19118-62	CS-62 (4')	Total/NA	Solid	5035	
880-19118-63	CS-63 (4')	Total/NA	Solid	5035	
880-19118-64	CS-64 (4')	Total/NA	Solid	5035	
880-19118-65	CS-65 (4')	Total/NA	Solid	5035	
880-19118-66	CS-66 (4')	Total/NA	Solid	5035	

Eurofins Midland

QC Association Summary

Client: NT Global
Project/Site: South Vacuum Unit 351

Job ID: 880-19118-1
SDG: Lea Co, NM

GC/MS VOA (Continued)

Prep Batch: 69265 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-19118-67	CS-67 (4')	Total/NA	Solid	5035	
880-19118-68	CS-68 (4')	Total/NA	Solid	5035	
880-19118-69	CS-69 (4')	Total/NA	Solid	5035	
880-19118-70	CS-70 (4')	Total/NA	Solid	5035	
880-19118-71	CS-71 (4')	Total/NA	Solid	5035	
880-19118-72	CS-72 (4')	Total/NA	Solid	5035	
880-19118-73	CS-73 (4')	Total/NA	Solid	5035	
880-19118-74	CS-74 (4')	Total/NA	Solid	5035	
880-19118-75	CS-75 (4')	Total/NA	Solid	5035	
880-19118-76	CS-76 (4')	Total/NA	Solid	5035	
880-19118-77	SW-1	Total/NA	Solid	5035	
880-19118-78	SW-2	Total/NA	Solid	5035	
880-19118-79	SW-3	Total/NA	Solid	5035	
880-19118-80	SW-4	Total/NA	Solid	5035	
880-19118-81	SW-5	Total/NA	Solid	5035	
880-19118-82	SW-6	Total/NA	Solid	5035	
880-19118-83	SW-7	Total/NA	Solid	5035	
880-19118-84	SW-8	Total/NA	Solid	5035	
880-19118-85	SW-9	Total/NA	Solid	5035	
880-19118-86	SW-10	Total/NA	Solid	5035	
880-19118-87	SW-11	Total/NA	Solid	5035	
880-19118-52 MS	CS-52 (4')	Total/NA	Solid	5035	
880-19118-71 MS	CS-71 (4')	Total/NA	Solid	5035	

Analysis Batch: 69278

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-19118-48	CS-48 (4')	Total/NA	Solid	8260D	69265
880-19118-49	CS-49 (4')	Total/NA	Solid	8260D	69265
880-19118-50	CS-50 (4')	Total/NA	Solid	8260D	69265
880-19118-51	CS-51 (4')	Total/NA	Solid	8260D	69265
880-19118-52	CS-52 (4')	Total/NA	Solid	8260D	69265
880-19118-53	CS-53 (4')	Total/NA	Solid	8260D	69265
880-19118-54	CS-54 (4')	Total/NA	Solid	8260D	69265
880-19118-55	CS-55 (4')	Total/NA	Solid	8260D	69265
880-19118-56	CS-56 (4')	Total/NA	Solid	8260D	69265
880-19118-57	CS-57 (4')	Total/NA	Solid	8260D	69265
880-19118-58	CS-58 (4')	Total/NA	Solid	8260D	69265
880-19118-59	CS-59 (4')	Total/NA	Solid	8260D	69265
880-19118-60	CS-60 (4')	Total/NA	Solid	8260D	69265
880-19118-61	CS-61 (4')	Total/NA	Solid	8260D	69265
880-19118-62	CS-62 (4')	Total/NA	Solid	8260D	69265
880-19118-63	CS-63 (4')	Total/NA	Solid	8260D	69265
880-19118-64	CS-64 (4')	Total/NA	Solid	8260D	69265
880-19118-65	CS-65 (4')	Total/NA	Solid	8260D	69265
880-19118-66	CS-66 (4')	Total/NA	Solid	8260D	69265
880-19118-67	CS-67 (4')	Total/NA	Solid	8260D	69265
MB 860-69278/9	Method Blank	Total/NA	Solid	8260D	
LCS 860-69278/3	Lab Control Sample	Total/NA	Solid	8260D	
LCSD 860-69278/4	Lab Control Sample Dup	Total/NA	Solid	8260D	
880-19118-52 MS	CS-52 (4')	Total/NA	Solid	8260D	69265

Eurofins Midland

QC Association Summary

Client: NT Global
Project/Site: South Vaccum Unit 351

Job ID: 880-19118-1
SDG: Lea Co, NM

GC/MS VOA

Analysis Batch: 69280

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-19118-68	CS-68 (4')	Total/NA	Solid	8260D	69265
880-19118-69	CS-69 (4')	Total/NA	Solid	8260D	69265
880-19118-70	CS-70 (4')	Total/NA	Solid	8260D	69265
880-19118-71	CS-71 (4')	Total/NA	Solid	8260D	69265
880-19118-72	CS-72 (4')	Total/NA	Solid	8260D	69265
880-19118-73	CS-73 (4')	Total/NA	Solid	8260D	69265
880-19118-74	CS-74 (4')	Total/NA	Solid	8260D	69265
880-19118-75	CS-75 (4')	Total/NA	Solid	8260D	69265
880-19118-76	CS-76 (4')	Total/NA	Solid	8260D	69265
880-19118-77	SW-1	Total/NA	Solid	8260D	69265
880-19118-78	SW-2	Total/NA	Solid	8260D	69265
880-19118-79	SW-3	Total/NA	Solid	8260D	69265
880-19118-80	SW-4	Total/NA	Solid	8260D	69265
880-19118-81	SW-5	Total/NA	Solid	8260D	69265
880-19118-82	SW-6	Total/NA	Solid	8260D	69265
880-19118-83	SW-7	Total/NA	Solid	8260D	69265
880-19118-84	SW-8	Total/NA	Solid	8260D	69265
880-19118-85	SW-9	Total/NA	Solid	8260D	69265
880-19118-86	SW-10	Total/NA	Solid	8260D	69265
880-19118-87	SW-11	Total/NA	Solid	8260D	69265
MB 860-69280/8	Method Blank	Total/NA	Solid	8260D	
LCS 860-69280/3	Lab Control Sample	Total/NA	Solid	8260D	
LCSD 860-69280/4	Lab Control Sample Dup	Total/NA	Solid	8260D	
880-19118-71 MS	CS-71 (4')	Total/NA	Solid	8260D	69265

Analysis Batch: 69334

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-19118-40	CS-40 (4')	Total/NA	Solid	8260D	69466
880-19118-41	CS-41 (4')	Total/NA	Solid	8260D	69466
880-19118-42	CS-42 (4')	Total/NA	Solid	8260D	69466
880-19118-43	CS-43 (4')	Total/NA	Solid	8260D	69466
880-19118-46	CS-46 (4')	Total/NA	Solid	8260D	69466
880-19118-47	CS-47 (4')	Total/NA	Solid	8260D	69466
MB 860-69334/8	Method Blank	Total/NA	Solid	8260D	
LCS 860-69334/3	Lab Control Sample	Total/NA	Solid	8260D	
LCSD 860-69334/4	Lab Control Sample Dup	Total/NA	Solid	8260D	
860-33156-C-1-A MS	Matrix Spike	Total/NA	Solid	8260D	69189

Analysis Batch: 69336

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-19118-5	CS-5 (4')	Total/NA	Solid	8260D	69237
880-19118-44	CS-44 (4')	Total/NA	Solid	8260D	69265
880-19118-45	CS-45 (4')	Total/NA	Solid	8260D	69265
880-19118-88	SW-12	Total/NA	Solid	8260D	69361
880-19118-89	SW-13	Total/NA	Solid	8260D	69361
880-19118-90	SW-14	Total/NA	Solid	8260D	69361
880-19118-91	SW-15	Total/NA	Solid	8260D	69361
880-19118-92	SW-16	Total/NA	Solid	8260D	69361
880-19118-93	SW-17	Total/NA	Solid	8260D	69361
880-19118-94	SW-18	Total/NA	Solid	8260D	69361
880-19118-95	SW-19	Total/NA	Solid	8260D	69361

Eurofins Midland

QC Association Summary

Client: NT Global
Project/Site: South Vaccum Unit 351

Job ID: 880-19118-1
SDG: Lea Co, NM

GC/MS VOA (Continued)

Analysis Batch: 69336 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 860-69336/8	Method Blank	Total/NA	Solid	8260D	69361
LCS 860-69336/3	Lab Control Sample	Total/NA	Solid	8260D	
LCSD 860-69336/4	Lab Control Sample Dup	Total/NA	Solid	8260D	
880-19118-88 MS	SW-12	Total/NA	Solid	8260D	

Prep Batch: 69361

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-19118-88	SW-12	Total/NA	Solid	5035	69361
880-19118-89	SW-13	Total/NA	Solid	5035	
880-19118-90	SW-14	Total/NA	Solid	5035	
880-19118-91	SW-15	Total/NA	Solid	5035	
880-19118-92	SW-16	Total/NA	Solid	5035	
880-19118-93	SW-17	Total/NA	Solid	5035	
880-19118-94	SW-18	Total/NA	Solid	5035	
880-19118-95	SW-19	Total/NA	Solid	5035	
880-19118-88 MS	SW-12	Total/NA	Solid	5035	

Analysis Batch: 69366

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-19118-20	CS-20 (4')	Total/NA	Solid	8260D	69466
880-19118-21	CS-21 (4')	Total/NA	Solid	8260D	69466
880-19118-30	CS-30 (4')	Total/NA	Solid	8260D	69466
880-19118-32	CS-32 (4')	Total/NA	Solid	8260D	69466
880-19118-33	CS-33 (4')	Total/NA	Solid	8260D	69466
880-19118-34	CS-34 (4')	Total/NA	Solid	8260D	69466
880-19118-35	CS-35 (4')	Total/NA	Solid	8260D	69466
880-19118-36	CS-36 (4')	Total/NA	Solid	8260D	69466
880-19118-37	CS-37 (4')	Total/NA	Solid	8260D	69466
880-19118-38	CS-38 (4')	Total/NA	Solid	8260D	69466
880-19118-39	CS-39 (4')	Total/NA	Solid	8260D	69466
MB 860-69366/8	Method Blank	Total/NA	Solid	8260D	68616
LCS 860-69366/3	Lab Control Sample	Total/NA	Solid	8260D	
LCSD 860-69366/4	Lab Control Sample Dup	Total/NA	Solid	8260D	
860-32937-A-3-C MS	Matrix Spike	Total/NA	Solid	8260D	

Prep Batch: 69408

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-33231-C-4-A MS	Matrix Spike	Total/NA	Solid	5035	

Prep Batch: 69466

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-19118-20	CS-20 (4')	Total/NA	Solid	5035	69466
880-19118-21	CS-21 (4')	Total/NA	Solid	5035	
880-19118-30	CS-30 (4')	Total/NA	Solid	5035	
880-19118-32	CS-32 (4')	Total/NA	Solid	5035	
880-19118-33	CS-33 (4')	Total/NA	Solid	5035	
880-19118-34	CS-34 (4')	Total/NA	Solid	5035	
880-19118-35	CS-35 (4')	Total/NA	Solid	5035	
880-19118-36	CS-36 (4')	Total/NA	Solid	5035	
880-19118-37	CS-37 (4')	Total/NA	Solid	5035	
880-19118-38	CS-38 (4')	Total/NA	Solid	5035	

Eurofins Midland

QC Association Summary

Client: NT Global
Project/Site: South Vacuum Unit 351

Job ID: 880-19118-1
SDG: Lea Co, NM

GC/MS VOA (Continued)

Prep Batch: 69466 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-19118-39	CS-39 (4')	Total/NA	Solid	5035	
880-19118-40	CS-40 (4')	Total/NA	Solid	5035	
880-19118-41	CS-41 (4')	Total/NA	Solid	5035	
880-19118-42	CS-42 (4')	Total/NA	Solid	5035	
880-19118-43	CS-43 (4')	Total/NA	Solid	5035	
880-19118-46	CS-46 (4')	Total/NA	Solid	5035	
880-19118-47	CS-47 (4')	Total/NA	Solid	5035	

Analysis Batch: 69568

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-19118-19	CS-19 (4')	Total/NA	Solid	8260D	69633
880-19118-31	CS-31 (4')	Total/NA	Solid	8260D	69237
MB 860-69568/8	Method Blank	Total/NA	Solid	8260D	
LCS 860-69568/20	Lab Control Sample	Total/NA	Solid	8260D	
LCSD 860-69568/21	Lab Control Sample Dup	Total/NA	Solid	8260D	
860-33231-C-4-A MS	Matrix Spike	Total/NA	Solid	8260D	69408

Prep Batch: 69633

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-19118-19	CS-19 (4')	Total/NA	Solid	5035	

Analysis Batch: 69661

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-19118-1	CS-1 (4')	Total/NA	Solid	Total BTEX	
880-19118-2	CS-2 (4')	Total/NA	Solid	Total BTEX	
880-19118-3	CS-3 (4')	Total/NA	Solid	Total BTEX	
880-19118-4	CS-4 (4')	Total/NA	Solid	Total BTEX	
880-19118-5	CS-5 (4')	Total/NA	Solid	Total BTEX	
880-19118-6	CS-6 (4')	Total/NA	Solid	Total BTEX	
880-19118-7	CS-7 (4')	Total/NA	Solid	Total BTEX	
880-19118-8	CS-8 (4')	Total/NA	Solid	Total BTEX	
880-19118-9	CS-9 (4')	Total/NA	Solid	Total BTEX	
880-19118-10	CS-10 (4')	Total/NA	Solid	Total BTEX	
880-19118-11	CS-11 (4')	Total/NA	Solid	Total BTEX	
880-19118-12	CS-12 (4')	Total/NA	Solid	Total BTEX	
880-19118-13	CS-13 (4')	Total/NA	Solid	Total BTEX	
880-19118-14	CS-14 (4')	Total/NA	Solid	Total BTEX	
880-19118-15	CS-15 (4')	Total/NA	Solid	Total BTEX	
880-19118-16	CS-16 (4')	Total/NA	Solid	Total BTEX	
880-19118-17	CS-17 (4')	Total/NA	Solid	Total BTEX	
880-19118-18	CS-18 (4')	Total/NA	Solid	Total BTEX	
880-19118-20	CS-20 (4')	Total/NA	Solid	Total BTEX	
880-19118-21	CS-21 (4')	Total/NA	Solid	Total BTEX	
880-19118-22	CS-22 (4')	Total/NA	Solid	Total BTEX	
880-19118-23	CS-23 (4')	Total/NA	Solid	Total BTEX	
880-19118-24	CS-24 (4')	Total/NA	Solid	Total BTEX	
880-19118-25	CS-25 (4')	Total/NA	Solid	Total BTEX	
880-19118-26	CS-26 (4')	Total/NA	Solid	Total BTEX	
880-19118-27	CS-27 (4')	Total/NA	Solid	Total BTEX	
880-19118-28	CS-28 (4')	Total/NA	Solid	Total BTEX	
880-19118-29	CS-29 (4')	Total/NA	Solid	Total BTEX	

Eurofins Midland

QC Association Summary

Client: NT Global
Project/Site: South Vacuum Unit 351

Job ID: 880-19118-1
SDG: Lea Co, NM

GC/MS VOA (Continued)

Analysis Batch: 69661 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-19118-30	CS-30 (4')	Total/NA	Solid	Total BTEX	
880-19118-32	CS-32 (4')	Total/NA	Solid	Total BTEX	
880-19118-33	CS-33 (4')	Total/NA	Solid	Total BTEX	
880-19118-34	CS-34 (4')	Total/NA	Solid	Total BTEX	
880-19118-35	CS-35 (4')	Total/NA	Solid	Total BTEX	
880-19118-36	CS-36 (4')	Total/NA	Solid	Total BTEX	
880-19118-37	CS-37 (4')	Total/NA	Solid	Total BTEX	
880-19118-38	CS-38 (4')	Total/NA	Solid	Total BTEX	
880-19118-39	CS-39 (4')	Total/NA	Solid	Total BTEX	
880-19118-40	CS-40 (4')	Total/NA	Solid	Total BTEX	
880-19118-41	CS-41 (4')	Total/NA	Solid	Total BTEX	
880-19118-42	CS-42 (4')	Total/NA	Solid	Total BTEX	
880-19118-43	CS-43 (4')	Total/NA	Solid	Total BTEX	
880-19118-44	CS-44 (4')	Total/NA	Solid	Total BTEX	
880-19118-45	CS-45 (4')	Total/NA	Solid	Total BTEX	
880-19118-46	CS-46 (4')	Total/NA	Solid	Total BTEX	
880-19118-47	CS-47 (4')	Total/NA	Solid	Total BTEX	
880-19118-48	CS-48 (4')	Total/NA	Solid	Total BTEX	
880-19118-49	CS-49 (4')	Total/NA	Solid	Total BTEX	
880-19118-50	CS-50 (4')	Total/NA	Solid	Total BTEX	
880-19118-51	CS-51 (4')	Total/NA	Solid	Total BTEX	
880-19118-52	CS-52 (4')	Total/NA	Solid	Total BTEX	
880-19118-53	CS-53 (4')	Total/NA	Solid	Total BTEX	
880-19118-54	CS-54 (4')	Total/NA	Solid	Total BTEX	
880-19118-55	CS-55 (4')	Total/NA	Solid	Total BTEX	
880-19118-56	CS-56 (4')	Total/NA	Solid	Total BTEX	
880-19118-57	CS-57 (4')	Total/NA	Solid	Total BTEX	
880-19118-58	CS-58 (4')	Total/NA	Solid	Total BTEX	
880-19118-59	CS-59 (4')	Total/NA	Solid	Total BTEX	
880-19118-60	CS-60 (4')	Total/NA	Solid	Total BTEX	
880-19118-61	CS-61 (4')	Total/NA	Solid	Total BTEX	
880-19118-62	CS-62 (4')	Total/NA	Solid	Total BTEX	
880-19118-63	CS-63 (4')	Total/NA	Solid	Total BTEX	
880-19118-64	CS-64 (4')	Total/NA	Solid	Total BTEX	
880-19118-65	CS-65 (4')	Total/NA	Solid	Total BTEX	
880-19118-66	CS-66 (4')	Total/NA	Solid	Total BTEX	
880-19118-67	CS-67 (4')	Total/NA	Solid	Total BTEX	
880-19118-68	CS-68 (4')	Total/NA	Solid	Total BTEX	
880-19118-69	CS-69 (4')	Total/NA	Solid	Total BTEX	
880-19118-70	CS-70 (4')	Total/NA	Solid	Total BTEX	
880-19118-71	CS-71 (4')	Total/NA	Solid	Total BTEX	
880-19118-72	CS-72 (4')	Total/NA	Solid	Total BTEX	
880-19118-73	CS-73 (4')	Total/NA	Solid	Total BTEX	
880-19118-74	CS-74 (4')	Total/NA	Solid	Total BTEX	
880-19118-75	CS-75 (4')	Total/NA	Solid	Total BTEX	
880-19118-76	CS-76 (4')	Total/NA	Solid	Total BTEX	
880-19118-77	SW-1	Total/NA	Solid	Total BTEX	
880-19118-78	SW-2	Total/NA	Solid	Total BTEX	
880-19118-79	SW-3	Total/NA	Solid	Total BTEX	
880-19118-80	SW-4	Total/NA	Solid	Total BTEX	
880-19118-81	SW-5	Total/NA	Solid	Total BTEX	

Eurofins Midland

QC Association Summary

Client: NT Global
Project/Site: South Vacuum Unit 351

Job ID: 880-19118-1
SDG: Lea Co, NM

GC/MS VOA (Continued)

Analysis Batch: 69661 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-19118-82	SW-6	Total/NA	Solid	Total BTEX	
880-19118-83	SW-7	Total/NA	Solid	Total BTEX	
880-19118-84	SW-8	Total/NA	Solid	Total BTEX	
880-19118-85	SW-9	Total/NA	Solid	Total BTEX	
880-19118-86	SW-10	Total/NA	Solid	Total BTEX	
880-19118-87	SW-11	Total/NA	Solid	Total BTEX	
880-19118-88	SW-12	Total/NA	Solid	Total BTEX	
880-19118-89	SW-13	Total/NA	Solid	Total BTEX	
880-19118-90	SW-14	Total/NA	Solid	Total BTEX	
880-19118-91	SW-15	Total/NA	Solid	Total BTEX	
880-19118-92	SW-16	Total/NA	Solid	Total BTEX	
880-19118-93	SW-17	Total/NA	Solid	Total BTEX	
880-19118-94	SW-18	Total/NA	Solid	Total BTEX	
880-19118-95	SW-19	Total/NA	Solid	Total BTEX	

Analysis Batch: 69728

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-19118-19	CS-19 (4')	Total/NA	Solid	Total BTEX	
880-19118-31	CS-31 (4')	Total/NA	Solid	Total BTEX	

GC Semi VOA

Prep Batch: 34485

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-19118-1	CS-1 (4')	Total/NA	Solid	8015NM Prep	
880-19118-2	CS-2 (4')	Total/NA	Solid	8015NM Prep	
880-19118-3	CS-3 (4')	Total/NA	Solid	8015NM Prep	
880-19118-4	CS-4 (4')	Total/NA	Solid	8015NM Prep	
880-19118-5	CS-5 (4')	Total/NA	Solid	8015NM Prep	
880-19118-6	CS-6 (4')	Total/NA	Solid	8015NM Prep	
880-19118-7	CS-7 (4')	Total/NA	Solid	8015NM Prep	
880-19118-8	CS-8 (4')	Total/NA	Solid	8015NM Prep	
880-19118-9	CS-9 (4')	Total/NA	Solid	8015NM Prep	
880-19118-10	CS-10 (4')	Total/NA	Solid	8015NM Prep	
880-19118-11	CS-11 (4')	Total/NA	Solid	8015NM Prep	
880-19118-12	CS-12 (4')	Total/NA	Solid	8015NM Prep	
880-19118-13	CS-13 (4')	Total/NA	Solid	8015NM Prep	
880-19118-14	CS-14 (4')	Total/NA	Solid	8015NM Prep	
880-19118-15	CS-15 (4')	Total/NA	Solid	8015NM Prep	
880-19118-16	CS-16 (4')	Total/NA	Solid	8015NM Prep	
880-19118-17	CS-17 (4')	Total/NA	Solid	8015NM Prep	
880-19118-18	CS-18 (4')	Total/NA	Solid	8015NM Prep	
880-19118-19	CS-19 (4')	Total/NA	Solid	8015NM Prep	
880-19118-20	CS-20 (4')	Total/NA	Solid	8015NM Prep	
MB 880-34485/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-34485/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-34485/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-19118-6 MS	CS-6 (4')	Total/NA	Solid	8015NM Prep	
880-19118-6 MSD	CS-6 (4')	Total/NA	Solid	8015NM Prep	

Eurofins Midland

QC Association Summary

Client: NT Global
Project/Site: South Vaccum Unit 351

Job ID: 880-19118-1
SDG: Lea Co, NM

GC Semi VOA

Prep Batch: 34486

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-19118-21	CS-21 (4')	Total/NA	Solid	8015NM Prep	
880-19118-22	CS-22 (4')	Total/NA	Solid	8015NM Prep	
880-19118-23	CS-23 (4')	Total/NA	Solid	8015NM Prep	
880-19118-24	CS-24 (4')	Total/NA	Solid	8015NM Prep	
880-19118-25	CS-25 (4')	Total/NA	Solid	8015NM Prep	
880-19118-26	CS-26 (4')	Total/NA	Solid	8015NM Prep	
880-19118-27	CS-27 (4')	Total/NA	Solid	8015NM Prep	
880-19118-28	CS-28 (4')	Total/NA	Solid	8015NM Prep	
880-19118-29	CS-29 (4')	Total/NA	Solid	8015NM Prep	
880-19118-30	CS-30 (4')	Total/NA	Solid	8015NM Prep	
880-19118-31	CS-31 (4')	Total/NA	Solid	8015NM Prep	
880-19118-32	CS-32 (4')	Total/NA	Solid	8015NM Prep	
880-19118-33	CS-33 (4')	Total/NA	Solid	8015NM Prep	
880-19118-34	CS-34 (4')	Total/NA	Solid	8015NM Prep	
880-19118-35	CS-35 (4')	Total/NA	Solid	8015NM Prep	
880-19118-36	CS-36 (4')	Total/NA	Solid	8015NM Prep	
880-19118-37	CS-37 (4')	Total/NA	Solid	8015NM Prep	
880-19118-38	CS-38 (4')	Total/NA	Solid	8015NM Prep	
880-19118-39	CS-39 (4')	Total/NA	Solid	8015NM Prep	
880-19118-40	CS-40 (4')	Total/NA	Solid	8015NM Prep	
MB 880-34486/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-34486/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-34486/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-19118-21 MS	CS-21 (4')	Total/NA	Solid	8015NM Prep	
880-19118-21 MSD	CS-21 (4')	Total/NA	Solid	8015NM Prep	

Prep Batch: 34503

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-19118-41	CS-41 (4')	Total/NA	Solid	8015NM Prep	
880-19118-42	CS-42 (4')	Total/NA	Solid	8015NM Prep	
880-19118-43	CS-43 (4')	Total/NA	Solid	8015NM Prep	
880-19118-44	CS-44 (4')	Total/NA	Solid	8015NM Prep	
880-19118-45	CS-45 (4')	Total/NA	Solid	8015NM Prep	
880-19118-46	CS-46 (4')	Total/NA	Solid	8015NM Prep	
880-19118-47	CS-47 (4')	Total/NA	Solid	8015NM Prep	
880-19118-48	CS-48 (4')	Total/NA	Solid	8015NM Prep	
880-19118-49	CS-49 (4')	Total/NA	Solid	8015NM Prep	
880-19118-50	CS-50 (4')	Total/NA	Solid	8015NM Prep	
880-19118-51	CS-51 (4')	Total/NA	Solid	8015NM Prep	
880-19118-52	CS-52 (4')	Total/NA	Solid	8015NM Prep	
880-19118-53	CS-53 (4')	Total/NA	Solid	8015NM Prep	
880-19118-54	CS-54 (4')	Total/NA	Solid	8015NM Prep	
880-19118-55	CS-55 (4')	Total/NA	Solid	8015NM Prep	
880-19118-56	CS-56 (4')	Total/NA	Solid	8015NM Prep	
880-19118-57	CS-57 (4')	Total/NA	Solid	8015NM Prep	
880-19118-58	CS-58 (4')	Total/NA	Solid	8015NM Prep	
880-19118-59	CS-59 (4')	Total/NA	Solid	8015NM Prep	
880-19118-60	CS-60 (4')	Total/NA	Solid	8015NM Prep	
MB 880-34503/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-34503/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-34503/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	

Eurofins Midland

QC Association Summary

Client: NT Global
Project/Site: South Vacuum Unit 351

Job ID: 880-19118-1
SDG: Lea Co, NM

GC Semi VOA (Continued)

Prep Batch: 34503 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-19118-41 MS	CS-41 (4')	Total/NA	Solid	8015NM Prep	
880-19118-41 MSD	CS-41 (4')	Total/NA	Solid	8015NM Prep	

Prep Batch: 34505

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-19118-61	CS-61 (4')	Total/NA	Solid	8015NM Prep	
880-19118-62	CS-62 (4')	Total/NA	Solid	8015NM Prep	
880-19118-63	CS-63 (4')	Total/NA	Solid	8015NM Prep	
880-19118-64	CS-64 (4')	Total/NA	Solid	8015NM Prep	
880-19118-65	CS-65 (4')	Total/NA	Solid	8015NM Prep	
880-19118-66	CS-66 (4')	Total/NA	Solid	8015NM Prep	
880-19118-67	CS-67 (4')	Total/NA	Solid	8015NM Prep	
880-19118-68	CS-68 (4')	Total/NA	Solid	8015NM Prep	
880-19118-69	CS-69 (4')	Total/NA	Solid	8015NM Prep	
880-19118-70	CS-70 (4')	Total/NA	Solid	8015NM Prep	
880-19118-71	CS-71 (4')	Total/NA	Solid	8015NM Prep	
880-19118-72	CS-72 (4')	Total/NA	Solid	8015NM Prep	
880-19118-73	CS-73 (4')	Total/NA	Solid	8015NM Prep	
880-19118-74	CS-74 (4')	Total/NA	Solid	8015NM Prep	
880-19118-75	CS-75 (4')	Total/NA	Solid	8015NM Prep	
880-19118-76	CS-76 (4')	Total/NA	Solid	8015NM Prep	
880-19118-77	SW-1	Total/NA	Solid	8015NM Prep	
880-19118-78	SW-2	Total/NA	Solid	8015NM Prep	
880-19118-79	SW-3	Total/NA	Solid	8015NM Prep	
880-19118-80	SW-4	Total/NA	Solid	8015NM Prep	
MB 880-34505/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-34505/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-34505/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-19118-61 MS	CS-61 (4')	Total/NA	Solid	8015NM Prep	
880-19118-61 MSD	CS-61 (4')	Total/NA	Solid	8015NM Prep	

Prep Batch: 34506

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-19118-81	SW-5	Total/NA	Solid	8015NM Prep	
880-19118-82	SW-6	Total/NA	Solid	8015NM Prep	
880-19118-83	SW-7	Total/NA	Solid	8015NM Prep	
880-19118-84	SW-8	Total/NA	Solid	8015NM Prep	
880-19118-85	SW-9	Total/NA	Solid	8015NM Prep	
880-19118-86	SW-10	Total/NA	Solid	8015NM Prep	
880-19118-87	SW-11	Total/NA	Solid	8015NM Prep	
880-19118-88	SW-12	Total/NA	Solid	8015NM Prep	
880-19118-89	SW-13	Total/NA	Solid	8015NM Prep	
880-19118-90	SW-14	Total/NA	Solid	8015NM Prep	
880-19118-91	SW-15	Total/NA	Solid	8015NM Prep	
880-19118-92	SW-16	Total/NA	Solid	8015NM Prep	
880-19118-93	SW-17	Total/NA	Solid	8015NM Prep	
880-19118-94	SW-18	Total/NA	Solid	8015NM Prep	
880-19118-95	SW-19	Total/NA	Solid	8015NM Prep	
MB 880-34506/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-34506/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-34506/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	

Eurofins Midland

QC Association Summary

Client: NT Global
Project/Site: South Vaccum Unit 351

Job ID: 880-19118-1
SDG: Lea Co, NM

GC Semi VOA (Continued)

Prep Batch: 34506 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-19118-81 MS	SW-5	Total/NA	Solid	8015NM Prep	
880-19118-81 MSD	SW-5	Total/NA	Solid	8015NM Prep	

Analysis Batch: 34542

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-19118-1	CS-1 (4')	Total/NA	Solid	8015B NM	34485
880-19118-2	CS-2 (4')	Total/NA	Solid	8015B NM	34485
880-19118-3	CS-3 (4')	Total/NA	Solid	8015B NM	34485
880-19118-4	CS-4 (4')	Total/NA	Solid	8015B NM	34485
880-19118-5	CS-5 (4')	Total/NA	Solid	8015B NM	34485
880-19118-6	CS-6 (4')	Total/NA	Solid	8015B NM	34485
880-19118-7	CS-7 (4')	Total/NA	Solid	8015B NM	34485
880-19118-8	CS-8 (4')	Total/NA	Solid	8015B NM	34485
880-19118-9	CS-9 (4')	Total/NA	Solid	8015B NM	34485
880-19118-10	CS-10 (4')	Total/NA	Solid	8015B NM	34485
880-19118-11	CS-11 (4')	Total/NA	Solid	8015B NM	34485
880-19118-12	CS-12 (4')	Total/NA	Solid	8015B NM	34485
880-19118-13	CS-13 (4')	Total/NA	Solid	8015B NM	34485
880-19118-14	CS-14 (4')	Total/NA	Solid	8015B NM	34485
880-19118-15	CS-15 (4')	Total/NA	Solid	8015B NM	34485
880-19118-16	CS-16 (4')	Total/NA	Solid	8015B NM	34485
880-19118-17	CS-17 (4')	Total/NA	Solid	8015B NM	34485
880-19118-18	CS-18 (4')	Total/NA	Solid	8015B NM	34485
880-19118-19	CS-19 (4')	Total/NA	Solid	8015B NM	34485
880-19118-20	CS-20 (4')	Total/NA	Solid	8015B NM	34485
880-19118-61	CS-61 (4')	Total/NA	Solid	8015B NM	34505
880-19118-62	CS-62 (4')	Total/NA	Solid	8015B NM	34505
880-19118-63	CS-63 (4')	Total/NA	Solid	8015B NM	34505
880-19118-64	CS-64 (4')	Total/NA	Solid	8015B NM	34505
880-19118-65	CS-65 (4')	Total/NA	Solid	8015B NM	34505
880-19118-66	CS-66 (4')	Total/NA	Solid	8015B NM	34505
880-19118-67	CS-67 (4')	Total/NA	Solid	8015B NM	34505
880-19118-68	CS-68 (4')	Total/NA	Solid	8015B NM	34505
880-19118-69	CS-69 (4')	Total/NA	Solid	8015B NM	34505
880-19118-70	CS-70 (4')	Total/NA	Solid	8015B NM	34505
880-19118-71	CS-71 (4')	Total/NA	Solid	8015B NM	34505
880-19118-72	CS-72 (4')	Total/NA	Solid	8015B NM	34505
880-19118-73	CS-73 (4')	Total/NA	Solid	8015B NM	34505
880-19118-74	CS-74 (4')	Total/NA	Solid	8015B NM	34505
880-19118-75	CS-75 (4')	Total/NA	Solid	8015B NM	34505
880-19118-76	CS-76 (4')	Total/NA	Solid	8015B NM	34505
880-19118-77	SW-1	Total/NA	Solid	8015B NM	34505
880-19118-78	SW-2	Total/NA	Solid	8015B NM	34505
880-19118-79	SW-3	Total/NA	Solid	8015B NM	34505
880-19118-80	SW-4	Total/NA	Solid	8015B NM	34505
MB 880-34485/1-A	Method Blank	Total/NA	Solid	8015B NM	34485
MB 880-34505/1-A	Method Blank	Total/NA	Solid	8015B NM	34505
LCS 880-34485/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	34485
LCS 880-34505/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	34505
LCSD 880-34485/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	34485
LCSD 880-34505/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	34505

Eurofins Midland

QC Association Summary

Client: NT Global
Project/Site: South Vaccum Unit 351

Job ID: 880-19118-1
SDG: Lea Co, NM

GC Semi VOA (Continued)

Analysis Batch: 34542 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-19118-6 MS	CS-6 (4')	Total/NA	Solid	8015B NM	34485
880-19118-6 MSD	CS-6 (4')	Total/NA	Solid	8015B NM	34485
880-19118-61 MS	CS-61 (4')	Total/NA	Solid	8015B NM	34505
880-19118-61 MSD	CS-61 (4')	Total/NA	Solid	8015B NM	34505

Analysis Batch: 34544

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-19118-21	CS-21 (4')	Total/NA	Solid	8015B NM	34486
880-19118-22	CS-22 (4')	Total/NA	Solid	8015B NM	34486
880-19118-23	CS-23 (4')	Total/NA	Solid	8015B NM	34486
880-19118-24	CS-24 (4')	Total/NA	Solid	8015B NM	34486
880-19118-25	CS-25 (4')	Total/NA	Solid	8015B NM	34486
880-19118-26	CS-26 (4')	Total/NA	Solid	8015B NM	34486
880-19118-27	CS-27 (4')	Total/NA	Solid	8015B NM	34486
880-19118-28	CS-28 (4')	Total/NA	Solid	8015B NM	34486
880-19118-29	CS-29 (4')	Total/NA	Solid	8015B NM	34486
880-19118-30	CS-30 (4')	Total/NA	Solid	8015B NM	34486
880-19118-31	CS-31 (4')	Total/NA	Solid	8015B NM	34486
880-19118-32	CS-32 (4')	Total/NA	Solid	8015B NM	34486
880-19118-33	CS-33 (4')	Total/NA	Solid	8015B NM	34486
880-19118-34	CS-34 (4')	Total/NA	Solid	8015B NM	34486
880-19118-35	CS-35 (4')	Total/NA	Solid	8015B NM	34486
880-19118-36	CS-36 (4')	Total/NA	Solid	8015B NM	34486
880-19118-37	CS-37 (4')	Total/NA	Solid	8015B NM	34486
880-19118-38	CS-38 (4')	Total/NA	Solid	8015B NM	34486
880-19118-39	CS-39 (4')	Total/NA	Solid	8015B NM	34486
880-19118-40	CS-40 (4')	Total/NA	Solid	8015B NM	34486
880-19118-81	SW-5	Total/NA	Solid	8015B NM	34506
880-19118-82	SW-6	Total/NA	Solid	8015B NM	34506
880-19118-83	SW-7	Total/NA	Solid	8015B NM	34506
880-19118-84	SW-8	Total/NA	Solid	8015B NM	34506
880-19118-85	SW-9	Total/NA	Solid	8015B NM	34506
880-19118-86	SW-10	Total/NA	Solid	8015B NM	34506
880-19118-87	SW-11	Total/NA	Solid	8015B NM	34506
880-19118-88	SW-12	Total/NA	Solid	8015B NM	34506
880-19118-89	SW-13	Total/NA	Solid	8015B NM	34506
880-19118-90	SW-14	Total/NA	Solid	8015B NM	34506
880-19118-91	SW-15	Total/NA	Solid	8015B NM	34506
880-19118-92	SW-16	Total/NA	Solid	8015B NM	34506
880-19118-93	SW-17	Total/NA	Solid	8015B NM	34506
880-19118-94	SW-18	Total/NA	Solid	8015B NM	34506
880-19118-95	SW-19	Total/NA	Solid	8015B NM	34506
MB 880-34486/1-A	Method Blank	Total/NA	Solid	8015B NM	34486
MB 880-34506/1-A	Method Blank	Total/NA	Solid	8015B NM	34506
LCS 880-34486/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	34486
LCS 880-34506/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	34506
LCSD 880-34486/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	34486
LCSD 880-34506/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	34506
880-19118-21 MS	CS-21 (4')	Total/NA	Solid	8015B NM	34486
880-19118-21 MSD	CS-21 (4')	Total/NA	Solid	8015B NM	34486
880-19118-81 MS	SW-5	Total/NA	Solid	8015B NM	34506

Eurofins Midland

QC Association Summary

Client: NT Global
Project/Site: South Vacuum Unit 351

Job ID: 880-19118-1
SDG: Lea Co, NM

GC Semi VOA (Continued)

Analysis Batch: 34544 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-19118-81 MSD	SW-5	Total/NA	Solid	8015B NM	34506

Analysis Batch: 34546

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-19118-41	CS-41 (4')	Total/NA	Solid	8015B NM	34503
880-19118-42	CS-42 (4')	Total/NA	Solid	8015B NM	34503
880-19118-43	CS-43 (4')	Total/NA	Solid	8015B NM	34503
880-19118-44	CS-44 (4')	Total/NA	Solid	8015B NM	34503
880-19118-45	CS-45 (4')	Total/NA	Solid	8015B NM	34503
880-19118-46	CS-46 (4')	Total/NA	Solid	8015B NM	34503
880-19118-47	CS-47 (4')	Total/NA	Solid	8015B NM	34503
880-19118-48	CS-48 (4')	Total/NA	Solid	8015B NM	34503
880-19118-49	CS-49 (4')	Total/NA	Solid	8015B NM	34503
880-19118-50	CS-50 (4')	Total/NA	Solid	8015B NM	34503
880-19118-51	CS-51 (4')	Total/NA	Solid	8015B NM	34503
880-19118-52	CS-52 (4')	Total/NA	Solid	8015B NM	34503
880-19118-53	CS-53 (4')	Total/NA	Solid	8015B NM	34503
880-19118-54	CS-54 (4')	Total/NA	Solid	8015B NM	34503
880-19118-55	CS-55 (4')	Total/NA	Solid	8015B NM	34503
880-19118-56	CS-56 (4')	Total/NA	Solid	8015B NM	34503
880-19118-57	CS-57 (4')	Total/NA	Solid	8015B NM	34503
880-19118-58	CS-58 (4')	Total/NA	Solid	8015B NM	34503
880-19118-59	CS-59 (4')	Total/NA	Solid	8015B NM	34503
880-19118-60	CS-60 (4')	Total/NA	Solid	8015B NM	34503
MB 880-34503/1-A	Method Blank	Total/NA	Solid	8015B NM	34503
LCS 880-34503/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	34503
LCSD 880-34503/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	34503
880-19118-41 MS	CS-41 (4')	Total/NA	Solid	8015B NM	34503
880-19118-41 MSD	CS-41 (4')	Total/NA	Solid	8015B NM	34503

Analysis Batch: 34631

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-19118-1	CS-1 (4')	Total/NA	Solid	8015 NM	
880-19118-2	CS-2 (4')	Total/NA	Solid	8015 NM	
880-19118-3	CS-3 (4')	Total/NA	Solid	8015 NM	
880-19118-4	CS-4 (4')	Total/NA	Solid	8015 NM	
880-19118-5	CS-5 (4')	Total/NA	Solid	8015 NM	
880-19118-6	CS-6 (4')	Total/NA	Solid	8015 NM	
880-19118-7	CS-7 (4')	Total/NA	Solid	8015 NM	
880-19118-8	CS-8 (4')	Total/NA	Solid	8015 NM	
880-19118-9	CS-9 (4')	Total/NA	Solid	8015 NM	
880-19118-10	CS-10 (4')	Total/NA	Solid	8015 NM	
880-19118-11	CS-11 (4')	Total/NA	Solid	8015 NM	
880-19118-12	CS-12 (4')	Total/NA	Solid	8015 NM	
880-19118-13	CS-13 (4')	Total/NA	Solid	8015 NM	
880-19118-14	CS-14 (4')	Total/NA	Solid	8015 NM	
880-19118-15	CS-15 (4')	Total/NA	Solid	8015 NM	
880-19118-16	CS-16 (4')	Total/NA	Solid	8015 NM	
880-19118-17	CS-17 (4')	Total/NA	Solid	8015 NM	
880-19118-18	CS-18 (4')	Total/NA	Solid	8015 NM	
880-19118-19	CS-19 (4')	Total/NA	Solid	8015 NM	

Eurofins Midland

QC Association Summary

Client: NT Global
Project/Site: South Vacuum Unit 351

Job ID: 880-19118-1
SDG: Lea Co, NM

GC Semi VOA (Continued)

Analysis Batch: 34631 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-19118-20	CS-20 (4')	Total/NA	Solid	8015 NM	
880-19118-21	CS-21 (4')	Total/NA	Solid	8015 NM	
880-19118-22	CS-22 (4')	Total/NA	Solid	8015 NM	
880-19118-23	CS-23 (4')	Total/NA	Solid	8015 NM	
880-19118-24	CS-24 (4')	Total/NA	Solid	8015 NM	
880-19118-25	CS-25 (4')	Total/NA	Solid	8015 NM	
880-19118-26	CS-26 (4')	Total/NA	Solid	8015 NM	
880-19118-27	CS-27 (4')	Total/NA	Solid	8015 NM	
880-19118-28	CS-28 (4')	Total/NA	Solid	8015 NM	
880-19118-29	CS-29 (4')	Total/NA	Solid	8015 NM	
880-19118-30	CS-30 (4')	Total/NA	Solid	8015 NM	
880-19118-31	CS-31 (4')	Total/NA	Solid	8015 NM	
880-19118-32	CS-32 (4')	Total/NA	Solid	8015 NM	
880-19118-33	CS-33 (4')	Total/NA	Solid	8015 NM	
880-19118-34	CS-34 (4')	Total/NA	Solid	8015 NM	
880-19118-35	CS-35 (4')	Total/NA	Solid	8015 NM	
880-19118-36	CS-36 (4')	Total/NA	Solid	8015 NM	
880-19118-37	CS-37 (4')	Total/NA	Solid	8015 NM	
880-19118-38	CS-38 (4')	Total/NA	Solid	8015 NM	
880-19118-39	CS-39 (4')	Total/NA	Solid	8015 NM	
880-19118-40	CS-40 (4')	Total/NA	Solid	8015 NM	
880-19118-41	CS-41 (4')	Total/NA	Solid	8015 NM	
880-19118-42	CS-42 (4')	Total/NA	Solid	8015 NM	
880-19118-43	CS-43 (4')	Total/NA	Solid	8015 NM	
880-19118-44	CS-44 (4')	Total/NA	Solid	8015 NM	
880-19118-45	CS-45 (4')	Total/NA	Solid	8015 NM	
880-19118-46	CS-46 (4')	Total/NA	Solid	8015 NM	
880-19118-47	CS-47 (4')	Total/NA	Solid	8015 NM	
880-19118-48	CS-48 (4')	Total/NA	Solid	8015 NM	
880-19118-49	CS-49 (4')	Total/NA	Solid	8015 NM	
880-19118-50	CS-50 (4')	Total/NA	Solid	8015 NM	
880-19118-51	CS-51 (4')	Total/NA	Solid	8015 NM	
880-19118-52	CS-52 (4')	Total/NA	Solid	8015 NM	
880-19118-53	CS-53 (4')	Total/NA	Solid	8015 NM	
880-19118-54	CS-54 (4')	Total/NA	Solid	8015 NM	
880-19118-55	CS-55 (4')	Total/NA	Solid	8015 NM	
880-19118-56	CS-56 (4')	Total/NA	Solid	8015 NM	
880-19118-57	CS-57 (4')	Total/NA	Solid	8015 NM	
880-19118-58	CS-58 (4')	Total/NA	Solid	8015 NM	
880-19118-59	CS-59 (4')	Total/NA	Solid	8015 NM	
880-19118-60	CS-60 (4')	Total/NA	Solid	8015 NM	
880-19118-61	CS-61 (4')	Total/NA	Solid	8015 NM	
880-19118-62	CS-62 (4')	Total/NA	Solid	8015 NM	
880-19118-63	CS-63 (4')	Total/NA	Solid	8015 NM	
880-19118-64	CS-64 (4')	Total/NA	Solid	8015 NM	
880-19118-65	CS-65 (4')	Total/NA	Solid	8015 NM	
880-19118-66	CS-66 (4')	Total/NA	Solid	8015 NM	
880-19118-67	CS-67 (4')	Total/NA	Solid	8015 NM	
880-19118-68	CS-68 (4')	Total/NA	Solid	8015 NM	
880-19118-69	CS-69 (4')	Total/NA	Solid	8015 NM	
880-19118-70	CS-70 (4')	Total/NA	Solid	8015 NM	

Eurofins Midland

QC Association Summary

Client: NT Global
Project/Site: South Vacuum Unit 351

Job ID: 880-19118-1
SDG: Lea Co, NM

GC Semi VOA (Continued)

Analysis Batch: 34631 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-19118-71	CS-71 (4')	Total/NA	Solid	8015 NM	
880-19118-72	CS-72 (4')	Total/NA	Solid	8015 NM	
880-19118-73	CS-73 (4')	Total/NA	Solid	8015 NM	
880-19118-74	CS-74 (4')	Total/NA	Solid	8015 NM	
880-19118-75	CS-75 (4')	Total/NA	Solid	8015 NM	
880-19118-76	CS-76 (4')	Total/NA	Solid	8015 NM	
880-19118-77	SW-1	Total/NA	Solid	8015 NM	
880-19118-78	SW-2	Total/NA	Solid	8015 NM	
880-19118-79	SW-3	Total/NA	Solid	8015 NM	
880-19118-80	SW-4	Total/NA	Solid	8015 NM	
880-19118-81	SW-5	Total/NA	Solid	8015 NM	
880-19118-82	SW-6	Total/NA	Solid	8015 NM	
880-19118-83	SW-7	Total/NA	Solid	8015 NM	
880-19118-84	SW-8	Total/NA	Solid	8015 NM	
880-19118-85	SW-9	Total/NA	Solid	8015 NM	
880-19118-86	SW-10	Total/NA	Solid	8015 NM	
880-19118-87	SW-11	Total/NA	Solid	8015 NM	
880-19118-88	SW-12	Total/NA	Solid	8015 NM	
880-19118-89	SW-13	Total/NA	Solid	8015 NM	
880-19118-90	SW-14	Total/NA	Solid	8015 NM	
880-19118-91	SW-15	Total/NA	Solid	8015 NM	
880-19118-92	SW-16	Total/NA	Solid	8015 NM	
880-19118-93	SW-17	Total/NA	Solid	8015 NM	
880-19118-94	SW-18	Total/NA	Solid	8015 NM	
880-19118-95	SW-19	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 34371

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-19118-1	CS-1 (4')	Soluble	Solid	DI Leach	
880-19118-2	CS-2 (4')	Soluble	Solid	DI Leach	
880-19118-3	CS-3 (4')	Soluble	Solid	DI Leach	
880-19118-4	CS-4 (4')	Soluble	Solid	DI Leach	
880-19118-5	CS-5 (4')	Soluble	Solid	DI Leach	
880-19118-6	CS-6 (4')	Soluble	Solid	DI Leach	
880-19118-7	CS-7 (4')	Soluble	Solid	DI Leach	
880-19118-8	CS-8 (4')	Soluble	Solid	DI Leach	
880-19118-9	CS-9 (4')	Soluble	Solid	DI Leach	
880-19118-10	CS-10 (4')	Soluble	Solid	DI Leach	
880-19118-11	CS-11 (4')	Soluble	Solid	DI Leach	
880-19118-12	CS-12 (4')	Soluble	Solid	DI Leach	
880-19118-13	CS-13 (4')	Soluble	Solid	DI Leach	
880-19118-14	CS-14 (4')	Soluble	Solid	DI Leach	
880-19118-15	CS-15 (4')	Soluble	Solid	DI Leach	
880-19118-16	CS-16 (4')	Soluble	Solid	DI Leach	
880-19118-17	CS-17 (4')	Soluble	Solid	DI Leach	
880-19118-18	CS-18 (4')	Soluble	Solid	DI Leach	
880-19118-19	CS-19 (4')	Soluble	Solid	DI Leach	
880-19118-20	CS-20 (4')	Soluble	Solid	DI Leach	
MB 880-34371/1-A	Method Blank	Soluble	Solid	DI Leach	

Eurofins Midland

QC Association Summary

Client: NT Global
Project/Site: South Vacuum Unit 351

Job ID: 880-19118-1
SDG: Lea Co, NM

HPLC/IC (Continued)

Leach Batch: 34371 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 880-34371/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-34371/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-19118-1 MS	CS-1 (4')	Soluble	Solid	DI Leach	
880-19118-1 MSD	CS-1 (4')	Soluble	Solid	DI Leach	
880-19118-11 MS	CS-11 (4')	Soluble	Solid	DI Leach	
880-19118-11 MSD	CS-11 (4')	Soluble	Solid	DI Leach	

Leach Batch: 34372

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-19118-21	CS-21 (4')	Soluble	Solid	DI Leach	
880-19118-22	CS-22 (4')	Soluble	Solid	DI Leach	
880-19118-23	CS-23 (4')	Soluble	Solid	DI Leach	
880-19118-24	CS-24 (4')	Soluble	Solid	DI Leach	
880-19118-25	CS-25 (4')	Soluble	Solid	DI Leach	
880-19118-26	CS-26 (4')	Soluble	Solid	DI Leach	
880-19118-27	CS-27 (4')	Soluble	Solid	DI Leach	
880-19118-28	CS-28 (4')	Soluble	Solid	DI Leach	
880-19118-29	CS-29 (4')	Soluble	Solid	DI Leach	
880-19118-30	CS-30 (4')	Soluble	Solid	DI Leach	
880-19118-31	CS-31 (4')	Soluble	Solid	DI Leach	
880-19118-32	CS-32 (4')	Soluble	Solid	DI Leach	
880-19118-33	CS-33 (4')	Soluble	Solid	DI Leach	
880-19118-34	CS-34 (4')	Soluble	Solid	DI Leach	
880-19118-35	CS-35 (4')	Soluble	Solid	DI Leach	
880-19118-36	CS-36 (4')	Soluble	Solid	DI Leach	
880-19118-37	CS-37 (4')	Soluble	Solid	DI Leach	
880-19118-38	CS-38 (4')	Soluble	Solid	DI Leach	
880-19118-39	CS-39 (4')	Soluble	Solid	DI Leach	
880-19118-40	CS-40 (4')	Soluble	Solid	DI Leach	
MB 880-34372/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-34372/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-34372/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-19118-21 MS	CS-21 (4')	Soluble	Solid	DI Leach	
880-19118-21 MSD	CS-21 (4')	Soluble	Solid	DI Leach	
880-19118-31 MS	CS-31 (4')	Soluble	Solid	DI Leach	
880-19118-31 MSD	CS-31 (4')	Soluble	Solid	DI Leach	

Leach Batch: 34373

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-19118-41	CS-41 (4')	Soluble	Solid	DI Leach	
880-19118-42	CS-42 (4')	Soluble	Solid	DI Leach	
880-19118-43	CS-43 (4')	Soluble	Solid	DI Leach	
880-19118-44	CS-44 (4')	Soluble	Solid	DI Leach	
880-19118-45	CS-45 (4')	Soluble	Solid	DI Leach	
880-19118-46	CS-46 (4')	Soluble	Solid	DI Leach	
880-19118-47	CS-47 (4')	Soluble	Solid	DI Leach	
880-19118-48	CS-48 (4')	Soluble	Solid	DI Leach	
880-19118-49	CS-49 (4')	Soluble	Solid	DI Leach	
880-19118-50	CS-50 (4')	Soluble	Solid	DI Leach	
880-19118-51	CS-51 (4')	Soluble	Solid	DI Leach	
880-19118-52	CS-52 (4')	Soluble	Solid	DI Leach	

Eurofins Midland

QC Association Summary

Client: NT Global
Project/Site: South Vacuum Unit 351

Job ID: 880-19118-1
SDG: Lea Co, NM

HPLC/IC (Continued)

Leach Batch: 34373 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-19118-53	CS-53 (4')	Soluble	Solid	DI Leach	
880-19118-54	CS-54 (4')	Soluble	Solid	DI Leach	
880-19118-55	CS-55 (4')	Soluble	Solid	DI Leach	
880-19118-56	CS-56 (4')	Soluble	Solid	DI Leach	
880-19118-57	CS-57 (4')	Soluble	Solid	DI Leach	
880-19118-58	CS-58 (4')	Soluble	Solid	DI Leach	
880-19118-59	CS-59 (4')	Soluble	Solid	DI Leach	
880-19118-60	CS-60 (4')	Soluble	Solid	DI Leach	
MB 880-34373/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-34373/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-34373/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-19118-41 MS	CS-41 (4')	Soluble	Solid	DI Leach	
880-19118-41 MSD	CS-41 (4')	Soluble	Solid	DI Leach	
880-19118-51 MS	CS-51 (4')	Soluble	Solid	DI Leach	
880-19118-51 MSD	CS-51 (4')	Soluble	Solid	DI Leach	

Leach Batch: 34374

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-19118-61	CS-61 (4')	Soluble	Solid	DI Leach	
880-19118-62	CS-62 (4')	Soluble	Solid	DI Leach	
880-19118-63	CS-63 (4')	Soluble	Solid	DI Leach	
880-19118-64	CS-64 (4')	Soluble	Solid	DI Leach	
880-19118-65	CS-65 (4')	Soluble	Solid	DI Leach	
880-19118-66	CS-66 (4')	Soluble	Solid	DI Leach	
880-19118-67	CS-67 (4')	Soluble	Solid	DI Leach	
880-19118-68	CS-68 (4')	Soluble	Solid	DI Leach	
880-19118-70	CS-70 (4')	Soluble	Solid	DI Leach	
880-19118-71	CS-71 (4')	Soluble	Solid	DI Leach	
880-19118-73	CS-73 (4')	Soluble	Solid	DI Leach	
880-19118-74	CS-74 (4')	Soluble	Solid	DI Leach	
880-19118-75	CS-75 (4')	Soluble	Solid	DI Leach	
880-19118-76	CS-76 (4')	Soluble	Solid	DI Leach	
880-19118-77	SW-1	Soluble	Solid	DI Leach	
880-19118-78	SW-2	Soluble	Solid	DI Leach	
880-19118-79	SW-3	Soluble	Solid	DI Leach	
880-19118-80	SW-4	Soluble	Solid	DI Leach	
MB 880-34374/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-34374/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-34374/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-19118-61 MS	CS-61 (4')	Soluble	Solid	DI Leach	
880-19118-61 MSD	CS-61 (4')	Soluble	Solid	DI Leach	
880-19118-71 MS	CS-71 (4')	Soluble	Solid	DI Leach	
880-19118-71 MSD	CS-71 (4')	Soluble	Solid	DI Leach	

Leach Batch: 34375

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-19118-69	CS-69 (4')	Soluble	Solid	DI Leach	
880-19118-72	CS-72 (4')	Soluble	Solid	DI Leach	
880-19118-81	SW-5	Soluble	Solid	DI Leach	
880-19118-82	SW-6	Soluble	Solid	DI Leach	
880-19118-83	SW-7	Soluble	Solid	DI Leach	

Eurofins Midland

QC Association Summary

Client: NT Global
Project/Site: South Vacuum Unit 351

Job ID: 880-19118-1
SDG: Lea Co, NM

HPLC/IC (Continued)

Leach Batch: 34375 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-19118-84	SW-8	Soluble	Solid	DI Leach	
880-19118-85	SW-9	Soluble	Solid	DI Leach	
880-19118-86	SW-10	Soluble	Solid	DI Leach	
880-19118-87	SW-11	Soluble	Solid	DI Leach	
880-19118-88	SW-12	Soluble	Solid	DI Leach	
880-19118-89	SW-13	Soluble	Solid	DI Leach	
880-19118-90	SW-14	Soluble	Solid	DI Leach	
880-19118-91	SW-15	Soluble	Solid	DI Leach	
880-19118-92	SW-16	Soluble	Solid	DI Leach	
880-19118-93	SW-17	Soluble	Solid	DI Leach	
880-19118-94	SW-18	Soluble	Solid	DI Leach	
880-19118-95	SW-19	Soluble	Solid	DI Leach	
MB 880-34375/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-34375/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-34375/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-19118-81 MS	SW-5	Soluble	Solid	DI Leach	
880-19118-81 MSD	SW-5	Soluble	Solid	DI Leach	
880-19118-91 MS	SW-15	Soluble	Solid	DI Leach	
880-19118-91 MSD	SW-15	Soluble	Solid	DI Leach	

Analysis Batch: 34576

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-19118-1	CS-1 (4')	Soluble	Solid	300.0	34371
880-19118-2	CS-2 (4')	Soluble	Solid	300.0	34371
880-19118-3	CS-3 (4')	Soluble	Solid	300.0	34371
880-19118-4	CS-4 (4')	Soluble	Solid	300.0	34371
880-19118-5	CS-5 (4')	Soluble	Solid	300.0	34371
880-19118-6	CS-6 (4')	Soluble	Solid	300.0	34371
880-19118-7	CS-7 (4')	Soluble	Solid	300.0	34371
880-19118-8	CS-8 (4')	Soluble	Solid	300.0	34371
880-19118-9	CS-9 (4')	Soluble	Solid	300.0	34371
880-19118-10	CS-10 (4')	Soluble	Solid	300.0	34371
880-19118-11	CS-11 (4')	Soluble	Solid	300.0	34371
880-19118-12	CS-12 (4')	Soluble	Solid	300.0	34371
880-19118-13	CS-13 (4')	Soluble	Solid	300.0	34371
880-19118-14	CS-14 (4')	Soluble	Solid	300.0	34371
880-19118-15	CS-15 (4')	Soluble	Solid	300.0	34371
880-19118-16	CS-16 (4')	Soluble	Solid	300.0	34371
880-19118-17	CS-17 (4')	Soluble	Solid	300.0	34371
880-19118-18	CS-18 (4')	Soluble	Solid	300.0	34371
880-19118-19	CS-19 (4')	Soluble	Solid	300.0	34371
880-19118-20	CS-20 (4')	Soluble	Solid	300.0	34371
MB 880-34371/1-A	Method Blank	Soluble	Solid	300.0	34371
LCS 880-34371/2-A	Lab Control Sample	Soluble	Solid	300.0	34371
LCSD 880-34371/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	34371
880-19118-1 MS	CS-1 (4')	Soluble	Solid	300.0	34371
880-19118-1 MSD	CS-1 (4')	Soluble	Solid	300.0	34371
880-19118-11 MS	CS-11 (4')	Soluble	Solid	300.0	34371
880-19118-11 MSD	CS-11 (4')	Soluble	Solid	300.0	34371

Eurofins Midland

QC Association Summary

Client: NT Global
Project/Site: South Vaccum Unit 351

Job ID: 880-19118-1
SDG: Lea Co, NM

HPLC/IC

Analysis Batch: 34577

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-19118-21	CS-21 (4')	Soluble	Solid	300.0	34372
880-19118-22	CS-22 (4')	Soluble	Solid	300.0	34372
880-19118-23	CS-23 (4')	Soluble	Solid	300.0	34372
880-19118-24	CS-24 (4')	Soluble	Solid	300.0	34372
880-19118-25	CS-25 (4')	Soluble	Solid	300.0	34372
880-19118-26	CS-26 (4')	Soluble	Solid	300.0	34372
880-19118-27	CS-27 (4')	Soluble	Solid	300.0	34372
880-19118-28	CS-28 (4')	Soluble	Solid	300.0	34372
880-19118-29	CS-29 (4')	Soluble	Solid	300.0	34372
880-19118-30	CS-30 (4')	Soluble	Solid	300.0	34372
880-19118-31	CS-31 (4')	Soluble	Solid	300.0	34372
880-19118-32	CS-32 (4')	Soluble	Solid	300.0	34372
880-19118-33	CS-33 (4')	Soluble	Solid	300.0	34372
880-19118-34	CS-34 (4')	Soluble	Solid	300.0	34372
880-19118-35	CS-35 (4')	Soluble	Solid	300.0	34372
880-19118-36	CS-36 (4')	Soluble	Solid	300.0	34372
880-19118-37	CS-37 (4')	Soluble	Solid	300.0	34372
880-19118-38	CS-38 (4')	Soluble	Solid	300.0	34372
880-19118-39	CS-39 (4')	Soluble	Solid	300.0	34372
880-19118-40	CS-40 (4')	Soluble	Solid	300.0	34372
MB 880-34372/1-A	Method Blank	Soluble	Solid	300.0	34372
LCS 880-34372/2-A	Lab Control Sample	Soluble	Solid	300.0	34372
LCSD 880-34372/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	34372
880-19118-21 MS	CS-21 (4')	Soluble	Solid	300.0	34372
880-19118-21 MSD	CS-21 (4')	Soluble	Solid	300.0	34372
880-19118-31 MS	CS-31 (4')	Soluble	Solid	300.0	34372
880-19118-31 MSD	CS-31 (4')	Soluble	Solid	300.0	34372

Analysis Batch: 34578

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-19118-41	CS-41 (4')	Soluble	Solid	300.0	34373
880-19118-42	CS-42 (4')	Soluble	Solid	300.0	34373
880-19118-43	CS-43 (4')	Soluble	Solid	300.0	34373
880-19118-44	CS-44 (4')	Soluble	Solid	300.0	34373
880-19118-45	CS-45 (4')	Soluble	Solid	300.0	34373
880-19118-46	CS-46 (4')	Soluble	Solid	300.0	34373
880-19118-47	CS-47 (4')	Soluble	Solid	300.0	34373
880-19118-48	CS-48 (4')	Soluble	Solid	300.0	34373
880-19118-49	CS-49 (4')	Soluble	Solid	300.0	34373
880-19118-50	CS-50 (4')	Soluble	Solid	300.0	34373
880-19118-51	CS-51 (4')	Soluble	Solid	300.0	34373
880-19118-52	CS-52 (4')	Soluble	Solid	300.0	34373
880-19118-53	CS-53 (4')	Soluble	Solid	300.0	34373
880-19118-54	CS-54 (4')	Soluble	Solid	300.0	34373
880-19118-55	CS-55 (4')	Soluble	Solid	300.0	34373
880-19118-56	CS-56 (4')	Soluble	Solid	300.0	34373
880-19118-57	CS-57 (4')	Soluble	Solid	300.0	34373
880-19118-58	CS-58 (4')	Soluble	Solid	300.0	34373
880-19118-59	CS-59 (4')	Soluble	Solid	300.0	34373
880-19118-60	CS-60 (4')	Soluble	Solid	300.0	34373
MB 880-34373/1-A	Method Blank	Soluble	Solid	300.0	34373

Eurofins Midland

QC Association Summary

Client: NT Global
Project/Site: South Vacuum Unit 351

Job ID: 880-19118-1
SDG: Lea Co, NM

HPLC/IC (Continued)

Analysis Batch: 34578 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 880-34373/2-A	Lab Control Sample	Soluble	Solid	300.0	34373
LCSD 880-34373/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	34373
880-19118-41 MS	CS-41 (4')	Soluble	Solid	300.0	34373
880-19118-41 MSD	CS-41 (4')	Soluble	Solid	300.0	34373
880-19118-51 MS	CS-51 (4')	Soluble	Solid	300.0	34373
880-19118-51 MSD	CS-51 (4')	Soluble	Solid	300.0	34373

Analysis Batch: 34580

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-19118-61	CS-61 (4')	Soluble	Solid	300.0	34374
880-19118-62	CS-62 (4')	Soluble	Solid	300.0	34374
880-19118-63	CS-63 (4')	Soluble	Solid	300.0	34374
880-19118-64	CS-64 (4')	Soluble	Solid	300.0	34374
880-19118-65	CS-65 (4')	Soluble	Solid	300.0	34374
880-19118-66	CS-66 (4')	Soluble	Solid	300.0	34374
880-19118-67	CS-67 (4')	Soluble	Solid	300.0	34374
880-19118-68	CS-68 (4')	Soluble	Solid	300.0	34374
880-19118-70	CS-70 (4')	Soluble	Solid	300.0	34374
880-19118-71	CS-71 (4')	Soluble	Solid	300.0	34374
880-19118-73	CS-73 (4')	Soluble	Solid	300.0	34374
880-19118-74	CS-74 (4')	Soluble	Solid	300.0	34374
880-19118-75	CS-75 (4')	Soluble	Solid	300.0	34374
880-19118-76	CS-76 (4')	Soluble	Solid	300.0	34374
880-19118-77	SW-1	Soluble	Solid	300.0	34374
880-19118-78	SW-2	Soluble	Solid	300.0	34374
880-19118-79	SW-3	Soluble	Solid	300.0	34374
880-19118-80	SW-4	Soluble	Solid	300.0	34374
MB 880-34374/1-A	Method Blank	Soluble	Solid	300.0	34374
LCS 880-34374/2-A	Lab Control Sample	Soluble	Solid	300.0	34374
LCSD 880-34374/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	34374
880-19118-61 MS	CS-61 (4')	Soluble	Solid	300.0	34374
880-19118-61 MSD	CS-61 (4')	Soluble	Solid	300.0	34374
880-19118-71 MS	CS-71 (4')	Soluble	Solid	300.0	34374
880-19118-71 MSD	CS-71 (4')	Soluble	Solid	300.0	34374

Analysis Batch: 34581

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-19118-69	CS-69 (4')	Soluble	Solid	300.0	34375
880-19118-72	CS-72 (4')	Soluble	Solid	300.0	34375
880-19118-81	SW-5	Soluble	Solid	300.0	34375
880-19118-82	SW-6	Soluble	Solid	300.0	34375
880-19118-83	SW-7	Soluble	Solid	300.0	34375
880-19118-84	SW-8	Soluble	Solid	300.0	34375
880-19118-85	SW-9	Soluble	Solid	300.0	34375
880-19118-86	SW-10	Soluble	Solid	300.0	34375
880-19118-87	SW-11	Soluble	Solid	300.0	34375
880-19118-88	SW-12	Soluble	Solid	300.0	34375
880-19118-89	SW-13	Soluble	Solid	300.0	34375
880-19118-90	SW-14	Soluble	Solid	300.0	34375
880-19118-91	SW-15	Soluble	Solid	300.0	34375
880-19118-92	SW-16	Soluble	Solid	300.0	34375

Eurofins Midland

QC Association Summary

Client: NT Global
Project/Site: South Vaccum Unit 351

Job ID: 880-19118-1
SDG: Lea Co, NM

HPLC/IC (Continued)

Analysis Batch: 34581 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-19118-93	SW-17	Soluble	Solid	300.0	34375
880-19118-94	SW-18	Soluble	Solid	300.0	34375
880-19118-95	SW-19	Soluble	Solid	300.0	34375
MB 880-34375/1-A	Method Blank	Soluble	Solid	300.0	34375
LCS 880-34375/2-A	Lab Control Sample	Soluble	Solid	300.0	34375
LCSD 880-34375/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	34375
880-19118-81 MS	SW-5	Soluble	Solid	300.0	34375
880-19118-81 MSD	SW-5	Soluble	Solid	300.0	34375
880-19118-91 MS	SW-15	Soluble	Solid	300.0	34375
880-19118-91 MSD	SW-15	Soluble	Solid	300.0	34375

Lab Chronicle

Client: NT Global
Project/Site: South Vaccum Unit 351

Job ID: 880-19118-1
SDG: Lea Co, NM

Client Sample ID: CS-1 (4')

Lab Sample ID: 880-19118-1

Date Collected: 09/12/22 00:00

Matrix: Solid

Date Received: 09/12/22 16:07

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	69237	09/15/22 15:24	MTMG	EET HOU
Total/NA	Analysis	8260D		1	5 mL	5 mL	69235	09/15/22 15:44	MTMG	EET HOU
Total/NA	Analysis	Total BTEX		1			69661	09/19/22 14:18	MTMG	EET HOU
Total/NA	Analysis	8015 NM		1			34631	09/16/22 08:42	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	34485	09/14/22 09:36	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	34542	09/15/22 11:33	AJ	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	34371	09/13/22 10:14	KS	EET MID
Soluble	Analysis	300.0		5			34576	09/15/22 21:50	CH	EET MID

Client Sample ID: CS-2 (4')

Lab Sample ID: 880-19118-2

Date Collected: 09/12/22 00:00

Matrix: Solid

Date Received: 09/12/22 16:07

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	69237	09/15/22 15:24	MTMG	EET HOU
Total/NA	Analysis	8260D		1	5 mL	5 mL	69235	09/15/22 16:07	MTMG	EET HOU
Total/NA	Analysis	Total BTEX		1			69661	09/19/22 14:18	MTMG	EET HOU
Total/NA	Analysis	8015 NM		1			34631	09/16/22 08:42	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	34485	09/14/22 09:36	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	34542	09/15/22 11:55	AJ	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	34371	09/13/22 10:14	KS	EET MID
Soluble	Analysis	300.0		5			34576	09/15/22 22:13	CH	EET MID

Client Sample ID: CS-3 (4')

Lab Sample ID: 880-19118-3

Date Collected: 09/12/22 00:00

Matrix: Solid

Date Received: 09/12/22 16:07

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	69237	09/15/22 15:24	MTMG	EET HOU
Total/NA	Analysis	8260D		1	5 mL	5 mL	69235	09/15/22 16:30	MTMG	EET HOU
Total/NA	Analysis	Total BTEX		1			69661	09/19/22 14:18	MTMG	EET HOU
Total/NA	Analysis	8015 NM		1			34631	09/16/22 08:42	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	34485	09/14/22 09:36	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	34542	09/15/22 12:16	AJ	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	34371	09/13/22 10:14	KS	EET MID
Soluble	Analysis	300.0		5			34576	09/15/22 22:20	CH	EET MID

Client Sample ID: CS-4 (4')

Lab Sample ID: 880-19118-4

Date Collected: 09/12/22 00:00

Matrix: Solid

Date Received: 09/12/22 16:07

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	69237	09/15/22 15:24	MTMG	EET HOU
Total/NA	Analysis	8260D		1	5 mL	5 mL	69235	09/15/22 16:54	MTMG	EET HOU
Total/NA	Analysis	Total BTEX		1			69661	09/19/22 14:18	MTMG	EET HOU

Eurofins Midland

Lab Chronicle

Client: NT Global
Project/Site: South Vaccum Unit 351

Job ID: 880-19118-1
SDG: Lea Co, NM

Client Sample ID: CS-4 (4')

Lab Sample ID: 880-19118-4

Date Collected: 09/12/22 00:00

Matrix: Solid

Date Received: 09/12/22 16:07

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			34631	09/16/22 08:42	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	34485	09/14/22 09:36	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	34542	09/15/22 12:37	AJ	EET MID
Soluble	Leach	DI Leach			5 g	50 mL	34371	09/13/22 10:14	KS	EET MID
Soluble	Analysis	300.0		5			34576	09/15/22 22:28	CH	EET MID

Client Sample ID: CS-5 (4')

Lab Sample ID: 880-19118-5

Date Collected: 09/12/22 00:00

Matrix: Solid

Date Received: 09/12/22 16:07

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	69237	09/15/22 15:24	MTMG	EET HOU
Total/NA	Analysis	8260D		1	5 mL	5 mL	69336	09/16/22 17:29	MTMG	EET HOU
Total/NA	Analysis	Total BTEX		1			69661	09/19/22 14:18	MTMG	EET HOU
Total/NA	Analysis	8015 NM		1			34631	09/16/22 08:42	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	34485	09/14/22 09:36	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	34542	09/15/22 12:59	AJ	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	34371	09/13/22 10:14	KS	EET MID
Soluble	Analysis	300.0		5			34576	09/15/22 22:35	CH	EET MID

Client Sample ID: CS-6 (4')

Lab Sample ID: 880-19118-6

Date Collected: 09/12/22 00:00

Matrix: Solid

Date Received: 09/12/22 16:07

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	69237	09/15/22 15:24	MTMG	EET HOU
Total/NA	Analysis	8260D		1	5 mL	5 mL	69235	09/15/22 17:17	MTMG	EET HOU
Total/NA	Analysis	Total BTEX		1			69661	09/19/22 14:18	MTMG	EET HOU
Total/NA	Analysis	8015 NM		1			34631	09/16/22 08:42	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	34485	09/14/22 09:36	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	34542	09/15/22 10:29	AJ	EET MID
Soluble	Leach	DI Leach			5 g	50 mL	34371	09/13/22 10:14	KS	EET MID
Soluble	Analysis	300.0		5			34576	09/15/22 22:57	CH	EET MID

Client Sample ID: CS-7 (4')

Lab Sample ID: 880-19118-7

Date Collected: 09/12/22 00:00

Matrix: Solid

Date Received: 09/12/22 16:07

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	69237	09/15/22 15:24	MTMG	EET HOU
Total/NA	Analysis	8260D		1	5 mL	5 mL	69235	09/15/22 17:41	MTMG	EET HOU
Total/NA	Analysis	Total BTEX		1			69661	09/19/22 14:18	MTMG	EET HOU
Total/NA	Analysis	8015 NM		1			34631	09/16/22 08:42	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	34485	09/14/22 09:36	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	34542	09/15/22 13:20	AJ	EET MID

Eurofins Midland

Lab Chronicle

Client: NT Global
Project/Site: South Vaccum Unit 351

Job ID: 880-19118-1
SDG: Lea Co, NM

Client Sample ID: CS-7 (4')

Lab Sample ID: 880-19118-7

Date Collected: 09/12/22 00:00

Matrix: Solid

Date Received: 09/12/22 16:07

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.04 g	50 mL	34371	09/13/22 10:14	KS	EET MID
Soluble	Analysis	300.0		1			34576	09/15/22 23:05	CH	EET MID

Client Sample ID: CS-8 (4')

Lab Sample ID: 880-19118-8

Date Collected: 09/12/22 00:00

Matrix: Solid

Date Received: 09/12/22 16:07

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	69237	09/15/22 15:24	MTMG	EET HOU
Total/NA	Analysis	8260D		1	5 mL	5 mL	69235	09/15/22 18:04	MTMG	EET HOU
Total/NA	Analysis	Total BTEX		1			69661	09/19/22 14:18	MTMG	EET HOU
Total/NA	Analysis	8015 NM		1			34631	09/16/22 08:42	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	34485	09/14/22 09:36	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	34542	09/15/22 13:42	AJ	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	34371	09/13/22 10:14	KS	EET MID
Soluble	Analysis	300.0		5			34576	09/15/22 23:12	CH	EET MID

Client Sample ID: CS-9 (4')

Lab Sample ID: 880-19118-9

Date Collected: 09/12/22 00:00

Matrix: Solid

Date Received: 09/12/22 16:07

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	69237	09/15/22 15:24	MTMG	EET HOU
Total/NA	Analysis	8260D		1	5 mL	5 mL	69235	09/15/22 18:27	MTMG	EET HOU
Total/NA	Analysis	Total BTEX		1			69661	09/19/22 14:18	MTMG	EET HOU
Total/NA	Analysis	8015 NM		1			34631	09/16/22 08:42	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	34485	09/14/22 09:36	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	34542	09/15/22 14:03	AJ	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	34371	09/13/22 10:14	KS	EET MID
Soluble	Analysis	300.0		1			34576	09/15/22 23:20	CH	EET MID

Client Sample ID: CS-10 (4')

Lab Sample ID: 880-19118-10

Date Collected: 09/12/22 00:00

Matrix: Solid

Date Received: 09/12/22 16:07

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	69237	09/15/22 15:24	MTMG	EET HOU
Total/NA	Analysis	8260D		1	5 mL	5 mL	69235	09/15/22 18:51	MTMG	EET HOU
Total/NA	Analysis	Total BTEX		1			69661	09/19/22 14:18	MTMG	EET HOU
Total/NA	Analysis	8015 NM		1			34631	09/16/22 08:42	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	34485	09/14/22 09:36	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	34542	09/15/22 14:25	AJ	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	34371	09/13/22 10:14	KS	EET MID
Soluble	Analysis	300.0		1			34576	09/15/22 23:27	CH	EET MID

Eurofins Midland

Lab Chronicle

Client: NT Global
Project/Site: South Vaccum Unit 351

Job ID: 880-19118-1
SDG: Lea Co, NM

Client Sample ID: CS-11 (4')

Lab Sample ID: 880-19118-11

Date Collected: 09/12/22 00:00

Matrix: Solid

Date Received: 09/12/22 16:07

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	69237	09/15/22 15:24	MTMG	EET HOU
Total/NA	Analysis	8260D		1	5 mL	5 mL	69235	09/15/22 19:14	MTMG	EET HOU
Total/NA	Analysis	Total BTEX		1			69661	09/19/22 14:18	MTMG	EET HOU
Total/NA	Analysis	8015 NM		1			34631	09/16/22 08:42	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	34485	09/14/22 09:36	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	34542	09/15/22 15:08	AJ	EET MID
Soluble	Leach	DI Leach			5 g	50 mL	34371	09/13/22 10:14	KS	EET MID
Soluble	Analysis	300.0		10			34576	09/15/22 23:35	CH	EET MID

Client Sample ID: CS-12 (4')

Lab Sample ID: 880-19118-12

Date Collected: 09/12/22 00:00

Matrix: Solid

Date Received: 09/12/22 16:07

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	69237	09/15/22 15:24	MTMG	EET HOU
Total/NA	Analysis	8260D		1	5 mL	5 mL	69235	09/15/22 19:37	MTMG	EET HOU
Total/NA	Analysis	Total BTEX		1			69661	09/19/22 14:18	MTMG	EET HOU
Total/NA	Analysis	8015 NM		1			34631	09/16/22 08:42	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	34485	09/14/22 09:36	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	34542	09/15/22 15:29	AJ	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	34371	09/13/22 10:14	KS	EET MID
Soluble	Analysis	300.0		10			34576	09/15/22 23:57	CH	EET MID

Client Sample ID: CS-13 (4')

Lab Sample ID: 880-19118-13

Date Collected: 09/12/22 00:00

Matrix: Solid

Date Received: 09/12/22 16:07

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.91 g	5 mL	69237	09/15/22 15:24	MTMG	EET HOU
Total/NA	Analysis	8260D		1	5 mL	5 mL	69235	09/15/22 20:01	MTMG	EET HOU
Total/NA	Analysis	Total BTEX		1			69661	09/19/22 14:18	MTMG	EET HOU
Total/NA	Analysis	8015 NM		1			34631	09/16/22 08:42	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	34485	09/14/22 09:36	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	34542	09/15/22 15:51	AJ	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	34371	09/13/22 10:14	KS	EET MID
Soluble	Analysis	300.0		5			34576	09/16/22 00:04	CH	EET MID

Client Sample ID: CS-14 (4')

Lab Sample ID: 880-19118-14

Date Collected: 09/12/22 00:00

Matrix: Solid

Date Received: 09/12/22 16:07

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	69237	09/15/22 15:24	MTMG	EET HOU
Total/NA	Analysis	8260D		1	5 mL	5 mL	69235	09/15/22 20:24	MTMG	EET HOU
Total/NA	Analysis	Total BTEX		1			69661	09/19/22 14:18	MTMG	EET HOU

Eurofins Midland

Lab Chronicle

Client: NT Global
Project/Site: South Vaccum Unit 351

Job ID: 880-19118-1
SDG: Lea Co, NM

Client Sample ID: CS-14 (4')

Lab Sample ID: 880-19118-14

Date Collected: 09/12/22 00:00

Matrix: Solid

Date Received: 09/12/22 16:07

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			34631	09/16/22 08:42	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	34485	09/14/22 09:36	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	34542	09/15/22 16:13	AJ	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	34371	09/13/22 10:14	KS	EET MID
Soluble	Analysis	300.0		5			34576	09/16/22 00:27	CH	EET MID

Client Sample ID: CS-15 (4')

Lab Sample ID: 880-19118-15

Date Collected: 09/12/22 00:00

Matrix: Solid

Date Received: 09/12/22 16:07

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	69237	09/15/22 15:24	MTMG	EET HOU
Total/NA	Analysis	8260D		1	5 mL	5 mL	69235	09/15/22 20:48	MTMG	EET HOU
Total/NA	Analysis	Total BTEX		1			69661	09/19/22 14:18	MTMG	EET HOU
Total/NA	Analysis	8015 NM		1			34631	09/16/22 08:42	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	34485	09/14/22 09:36	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	34542	09/15/22 16:34	AJ	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	34371	09/13/22 10:14	KS	EET MID
Soluble	Analysis	300.0		5			34576	09/16/22 00:34	CH	EET MID

Client Sample ID: CS-16 (4')

Lab Sample ID: 880-19118-16

Date Collected: 09/12/22 00:00

Matrix: Solid

Date Received: 09/12/22 16:07

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	69237	09/15/22 15:24	MTMG	EET HOU
Total/NA	Analysis	8260D		1	5 mL	5 mL	69235	09/15/22 21:11	MTMG	EET HOU
Total/NA	Analysis	Total BTEX		1			69661	09/19/22 14:18	MTMG	EET HOU
Total/NA	Analysis	8015 NM		1			34631	09/16/22 08:42	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	34485	09/14/22 09:36	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	34542	09/15/22 16:56	AJ	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	34371	09/13/22 10:14	KS	EET MID
Soluble	Analysis	300.0		5			34576	09/16/22 00:42	CH	EET MID

Client Sample ID: CS-17 (4')

Lab Sample ID: 880-19118-17

Date Collected: 09/12/22 00:00

Matrix: Solid

Date Received: 09/12/22 16:07

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	69237	09/15/22 15:24	MTMG	EET HOU
Total/NA	Analysis	8260D		1	5 mL	5 mL	69235	09/15/22 21:35	MTMG	EET HOU
Total/NA	Analysis	Total BTEX		1			69661	09/19/22 14:18	MTMG	EET HOU
Total/NA	Analysis	8015 NM		1			34631	09/16/22 08:42	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	34485	09/14/22 09:36	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	34542	09/15/22 17:17	AJ	EET MID

Eurofins Midland

Lab Chronicle

Client: NT Global
Project/Site: South Vacuum Unit 351

Job ID: 880-19118-1
SDG: Lea Co, NM

Client Sample ID: CS-17 (4')

Lab Sample ID: 880-19118-17

Date Collected: 09/12/22 00:00

Matrix: Solid

Date Received: 09/12/22 16:07

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 g	50 mL	34371	09/13/22 10:14	KS	EET MID
Soluble	Analysis	300.0		5			34576	09/16/22 00:49	CH	EET MID

Client Sample ID: CS-18 (4')

Lab Sample ID: 880-19118-18

Date Collected: 09/12/22 00:00

Matrix: Solid

Date Received: 09/12/22 16:07

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	69237	09/15/22 15:24	MTMG	EET HOU
Total/NA	Analysis	8260D		1	5 mL	5 mL	69235	09/15/22 21:58	MTMG	EET HOU
Total/NA	Analysis	Total BTEX		1			69661	09/19/22 14:18	MTMG	EET HOU
Total/NA	Analysis	8015 NM		1			34631	09/16/22 08:42	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	34485	09/14/22 09:36	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	34542	09/15/22 17:38	AJ	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	34371	09/13/22 10:14	KS	EET MID
Soluble	Analysis	300.0		1			34576	09/16/22 00:57	CH	EET MID

Client Sample ID: CS-19 (4')

Lab Sample ID: 880-19118-19

Date Collected: 09/12/22 00:00

Matrix: Solid

Date Received: 09/12/22 16:07

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	69633	09/19/22 12:39	MTMG	EET HOU
Total/NA	Analysis	8260D		1	5 mL	5 mL	69568	09/19/22 13:19	MTMG	EET HOU
Total/NA	Analysis	Total BTEX		1			69728	09/19/22 17:18	MTMG	EET HOU
Total/NA	Analysis	8015 NM		1			34631	09/16/22 08:42	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	34485	09/14/22 09:36	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	34542	09/15/22 18:00	AJ	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	34371	09/13/22 10:14	KS	EET MID
Soluble	Analysis	300.0		5			34576	09/16/22 01:04	CH	EET MID

Client Sample ID: CS-20 (4')

Lab Sample ID: 880-19118-20

Date Collected: 09/12/22 00:00

Matrix: Solid

Date Received: 09/12/22 16:07

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	69466	09/16/22 17:49	MTMG	EET HOU
Total/NA	Analysis	8260D		1	5 mL	5 mL	69366	09/16/22 19:40	MTMG	EET HOU
Total/NA	Analysis	Total BTEX		1			69661	09/19/22 14:18	MTMG	EET HOU
Total/NA	Analysis	8015 NM		1			34631	09/16/22 08:42	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	34485	09/14/22 09:36	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	34542	09/15/22 18:22	AJ	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	34371	09/13/22 10:14	KS	EET MID
Soluble	Analysis	300.0		5			34576	09/16/22 01:12	CH	EET MID

Eurofins Midland

Lab Chronicle

Client: NT Global
Project/Site: South Vaccum Unit 351

Job ID: 880-19118-1
SDG: Lea Co, NM

Client Sample ID: CS-21 (4')

Lab Sample ID: 880-19118-21

Date Collected: 09/12/22 00:00

Matrix: Solid

Date Received: 09/12/22 16:07

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	69466	09/16/22 17:49	MTMG	EET HOU
Total/NA	Analysis	8260D		1	5 mL	5 mL	69366	09/16/22 20:03	MTMG	EET HOU
Total/NA	Analysis	Total BTEX		1			69661	09/19/22 14:18	MTMG	EET HOU
Total/NA	Analysis	8015 NM		1			34631	09/16/22 08:42	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	34486	09/14/22 09:39	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	34544	09/15/22 10:29	AJ	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	34372	09/13/22 10:16	KS	EET MID
Soluble	Analysis	300.0		5			34577	09/16/22 03:29	CH	EET MID

Client Sample ID: CS-22 (4')

Lab Sample ID: 880-19118-22

Date Collected: 09/12/22 00:00

Matrix: Solid

Date Received: 09/12/22 16:07

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	69237	09/15/22 15:24	MTMG	EET HOU
Total/NA	Analysis	8260D		1	5 mL	5 mL	69130	09/15/22 18:27	KLV	EET HOU
Total/NA	Analysis	Total BTEX		1			69661	09/19/22 14:18	MTMG	EET HOU
Total/NA	Analysis	8015 NM		1			34631	09/16/22 08:42	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	34486	09/14/22 09:39	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	34544	09/15/22 11:33	AJ	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	34372	09/13/22 10:16	KS	EET MID
Soluble	Analysis	300.0		5			34577	09/16/22 03:44	CH	EET MID

Client Sample ID: CS-23 (4')

Lab Sample ID: 880-19118-23

Date Collected: 09/12/22 00:00

Matrix: Solid

Date Received: 09/12/22 16:07

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	69237	09/15/22 15:24	MTMG	EET HOU
Total/NA	Analysis	8260D		1	5 mL	5 mL	69130	09/15/22 18:49	KLV	EET HOU
Total/NA	Analysis	Total BTEX		1			69661	09/19/22 14:18	MTMG	EET HOU
Total/NA	Analysis	8015 NM		1			34631	09/16/22 08:42	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	34486	09/14/22 09:39	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	34544	09/15/22 11:55	AJ	EET MID
Soluble	Leach	DI Leach			5 g	50 mL	34372	09/13/22 10:16	KS	EET MID
Soluble	Analysis	300.0		5			34577	09/16/22 03:49	CH	EET MID

Client Sample ID: CS-24 (4')

Lab Sample ID: 880-19118-24

Date Collected: 09/12/22 00:00

Matrix: Solid

Date Received: 09/12/22 16:07

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	69237	09/15/22 15:24	MTMG	EET HOU
Total/NA	Analysis	8260D		1	5 mL	5 mL	69130	09/15/22 19:12	KLV	EET HOU
Total/NA	Analysis	Total BTEX		1			69661	09/19/22 14:18	MTMG	EET HOU

Eurofins Midland

Lab Chronicle

Client: NT Global
Project/Site: South Vaccum Unit 351

Job ID: 880-19118-1
SDG: Lea Co, NM

Client Sample ID: CS-24 (4')

Lab Sample ID: 880-19118-24

Date Collected: 09/12/22 00:00

Matrix: Solid

Date Received: 09/12/22 16:07

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			34631	09/16/22 08:42	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	34486	09/14/22 09:39	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	34544	09/15/22 12:16	AJ	EET MID
Soluble	Leach	DI Leach			5 g	50 mL	34372	09/13/22 10:16	KS	EET MID
Soluble	Analysis	300.0		5			34577	09/16/22 03:54	CH	EET MID

Client Sample ID: CS-25 (4')

Lab Sample ID: 880-19118-25

Date Collected: 09/12/22 00:00

Matrix: Solid

Date Received: 09/12/22 16:07

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	69237	09/15/22 15:24	MTMG	EET HOU
Total/NA	Analysis	8260D		1	5 mL	5 mL	69130	09/15/22 19:35	KLV	EET HOU
Total/NA	Analysis	Total BTEX		1			69661	09/19/22 14:18	MTMG	EET HOU
Total/NA	Analysis	8015 NM		1			34631	09/16/22 08:42	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	34486	09/14/22 09:39	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	34544	09/15/22 12:37	AJ	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	34372	09/13/22 10:16	KS	EET MID
Soluble	Analysis	300.0		5			34577	09/16/22 03:59	CH	EET MID

Client Sample ID: CS-26 (4')

Lab Sample ID: 880-19118-26

Date Collected: 09/12/22 00:00

Matrix: Solid

Date Received: 09/12/22 16:07

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	69237	09/15/22 15:24	MTMG	EET HOU
Total/NA	Analysis	8260D		1	5 mL	5 mL	69130	09/15/22 19:58	KLV	EET HOU
Total/NA	Analysis	Total BTEX		1			69661	09/19/22 14:18	MTMG	EET HOU
Total/NA	Analysis	8015 NM		1			34631	09/16/22 08:42	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	34486	09/14/22 09:39	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	34544	09/15/22 12:59	AJ	EET MID
Soluble	Leach	DI Leach			5 g	50 mL	34372	09/13/22 10:16	KS	EET MID
Soluble	Analysis	300.0		10			34577	09/16/22 04:13	CH	EET MID

Client Sample ID: CS-27 (4')

Lab Sample ID: 880-19118-27

Date Collected: 09/12/22 00:00

Matrix: Solid

Date Received: 09/12/22 16:07

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	69237	09/15/22 15:24	MTMG	EET HOU
Total/NA	Analysis	8260D		1	5 mL	5 mL	69130	09/15/22 20:21	KLV	EET HOU
Total/NA	Analysis	Total BTEX		1			69661	09/19/22 14:18	MTMG	EET HOU
Total/NA	Analysis	8015 NM		1			34631	09/16/22 08:42	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	34486	09/14/22 09:39	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	34544	09/15/22 13:20	AJ	EET MID

Eurofins Midland

Lab Chronicle

Client: NT Global
Project/Site: South Vaccum Unit 351

Job ID: 880-19118-1
SDG: Lea Co, NM

Client Sample ID: CS-27 (4')

Lab Sample ID: 880-19118-27

Date Collected: 09/12/22 00:00

Matrix: Solid

Date Received: 09/12/22 16:07

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.04 g	50 mL	34372	09/13/22 10:16	KS	EET MID
Soluble	Analysis	300.0		5			34577	09/16/22 04:18	CH	EET MID

Client Sample ID: CS-28 (4')

Lab Sample ID: 880-19118-28

Date Collected: 09/12/22 00:00

Matrix: Solid

Date Received: 09/12/22 16:07

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	69237	09/15/22 15:24	MTMG	EET HOU
Total/NA	Analysis	8260D		1	5 mL	5 mL	69130	09/15/22 20:44	KLV	EET HOU
Total/NA	Analysis	Total BTEX		1			69661	09/19/22 14:18	MTMG	EET HOU
Total/NA	Analysis	8015 NM		1			34631	09/16/22 08:42	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	34486	09/14/22 09:39	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	34544	09/15/22 13:42	AJ	EET MID
Soluble	Leach	DI Leach			5 g	50 mL	34372	09/13/22 10:16	KS	EET MID
Soluble	Analysis	300.0		5			34577	09/16/22 04:23	CH	EET MID

Client Sample ID: CS-29 (4')

Lab Sample ID: 880-19118-29

Date Collected: 09/12/22 00:00

Matrix: Solid

Date Received: 09/12/22 16:07

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	69237	09/15/22 15:24	MTMG	EET HOU
Total/NA	Analysis	8260D		1	5 mL	5 mL	69130	09/15/22 21:07	KLV	EET HOU
Total/NA	Analysis	Total BTEX		1			69661	09/19/22 14:18	MTMG	EET HOU
Total/NA	Analysis	8015 NM		1			34631	09/16/22 08:42	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	34486	09/14/22 09:39	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	34544	09/15/22 14:03	AJ	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	34372	09/13/22 10:16	KS	EET MID
Soluble	Analysis	300.0		5			34577	09/16/22 04:28	CH	EET MID

Client Sample ID: CS-30 (4')

Lab Sample ID: 880-19118-30

Date Collected: 09/12/22 00:00

Matrix: Solid

Date Received: 09/12/22 16:07

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	69466	09/16/22 17:49	MTMG	EET HOU
Total/NA	Analysis	8260D		1	5 mL	5 mL	69366	09/16/22 20:26	MTMG	EET HOU
Total/NA	Analysis	Total BTEX		1			69661	09/19/22 14:18	MTMG	EET HOU
Total/NA	Analysis	8015 NM		1			34631	09/16/22 08:42	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	34486	09/14/22 09:39	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	34544	09/15/22 14:25	AJ	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	34372	09/13/22 10:16	KS	EET MID
Soluble	Analysis	300.0		5			34577	09/16/22 04:32	CH	EET MID

Eurofins Midland

Lab Chronicle

Client: NT Global
Project/Site: South Vacuum Unit 351

Job ID: 880-19118-1
SDG: Lea Co, NM

Client Sample ID: CS-31 (4')

Lab Sample ID: 880-19118-31

Date Collected: 09/12/22 00:00

Matrix: Solid

Date Received: 09/12/22 16:07

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	69237	09/15/22 15:24	MTMG	EET HOU
Total/NA	Analysis	8260D		1	5 mL	5 mL	69568	09/19/22 13:42	MTMG	EET HOU
Total/NA	Analysis	Total BTEX		1			69728	09/19/22 17:18	MTMG	EET HOU
Total/NA	Analysis	8015 NM		1			34631	09/16/22 08:42	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	34486	09/14/22 09:39	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	34544	09/15/22 15:08	AJ	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	34372	09/13/22 10:16	KS	EET MID
Soluble	Analysis	300.0		10			34577	09/16/22 04:37	CH	EET MID

Client Sample ID: CS-32 (4')

Lab Sample ID: 880-19118-32

Date Collected: 09/12/22 00:00

Matrix: Solid

Date Received: 09/12/22 16:07

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	69466	09/16/22 17:49	MTMG	EET HOU
Total/NA	Analysis	8260D		1	5 mL	5 mL	69366	09/16/22 20:50	MTMG	EET HOU
Total/NA	Analysis	Total BTEX		1			69661	09/19/22 14:18	MTMG	EET HOU
Total/NA	Analysis	8015 NM		1			34631	09/16/22 08:42	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	34486	09/14/22 09:39	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	34544	09/15/22 15:29	AJ	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	34372	09/13/22 10:16	KS	EET MID
Soluble	Analysis	300.0		10			34577	09/16/22 04:52	CH	EET MID

Client Sample ID: CS-33 (4')

Lab Sample ID: 880-19118-33

Date Collected: 09/12/22 00:00

Matrix: Solid

Date Received: 09/12/22 16:07

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	69466	09/16/22 17:49	MTMG	EET HOU
Total/NA	Analysis	8260D		1	5 mL	5 mL	69366	09/16/22 21:13	MTMG	EET HOU
Total/NA	Analysis	Total BTEX		1			69661	09/19/22 14:18	MTMG	EET HOU
Total/NA	Analysis	8015 NM		1			34631	09/16/22 08:42	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	34486	09/14/22 09:39	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	34544	09/15/22 15:51	AJ	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	34372	09/13/22 10:16	KS	EET MID
Soluble	Analysis	300.0		5			34577	09/16/22 04:57	CH	EET MID

Client Sample ID: CS-34 (4')

Lab Sample ID: 880-19118-34

Date Collected: 09/12/22 00:00

Matrix: Solid

Date Received: 09/12/22 16:07

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	69466	09/16/22 17:49	MTMG	EET HOU
Total/NA	Analysis	8260D		1	5 mL	5 mL	69366	09/16/22 21:37	MTMG	EET HOU
Total/NA	Analysis	Total BTEX		1			69661	09/19/22 14:18	MTMG	EET HOU

Eurofins Midland

Lab Chronicle

Client: NT Global
Project/Site: South Vaccum Unit 351

Job ID: 880-19118-1
SDG: Lea Co, NM

Client Sample ID: CS-34 (4')

Lab Sample ID: 880-19118-34

Date Collected: 09/12/22 00:00

Matrix: Solid

Date Received: 09/12/22 16:07

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			34631	09/16/22 08:42	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	34486	09/14/22 09:39	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	34544	09/15/22 16:13	AJ	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	34372	09/13/22 10:16	KS	EET MID
Soluble	Analysis	300.0		5			34577	09/16/22 05:11	CH	EET MID

Client Sample ID: CS-35 (4')

Lab Sample ID: 880-19118-35

Date Collected: 09/12/22 00:00

Matrix: Solid

Date Received: 09/12/22 16:07

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	69466	09/16/22 17:49	MTMG	EET HOU
Total/NA	Analysis	8260D		1	5 mL	5 mL	69366	09/16/22 22:00	MTMG	EET HOU
Total/NA	Analysis	Total BTEX		1			69661	09/19/22 14:18	MTMG	EET HOU
Total/NA	Analysis	8015 NM		1			34631	09/16/22 08:42	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	34486	09/14/22 09:39	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	34544	09/15/22 16:34	AJ	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	34372	09/13/22 10:16	KS	EET MID
Soluble	Analysis	300.0		5			34577	09/16/22 05:16	CH	EET MID

Client Sample ID: CS-36 (4')

Lab Sample ID: 880-19118-36

Date Collected: 09/12/22 00:00

Matrix: Solid

Date Received: 09/12/22 16:07

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	69466	09/16/22 17:49	MTMG	EET HOU
Total/NA	Analysis	8260D		1	5 mL	5 mL	69366	09/16/22 22:23	MTMG	EET HOU
Total/NA	Analysis	Total BTEX		1			69661	09/19/22 14:18	MTMG	EET HOU
Total/NA	Analysis	8015 NM		1			34631	09/16/22 08:42	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	34486	09/14/22 09:39	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	34544	09/15/22 16:56	AJ	EET MID
Soluble	Leach	DI Leach			5 g	50 mL	34372	09/13/22 10:16	KS	EET MID
Soluble	Analysis	300.0		5			34577	09/16/22 05:21	CH	EET MID

Client Sample ID: CS-37 (4')

Lab Sample ID: 880-19118-37

Date Collected: 09/12/22 00:00

Matrix: Solid

Date Received: 09/12/22 16:07

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	69466	09/16/22 17:49	MTMG	EET HOU
Total/NA	Analysis	8260D		1	5 mL	5 mL	69366	09/16/22 22:47	MTMG	EET HOU
Total/NA	Analysis	Total BTEX		1			69661	09/19/22 14:18	MTMG	EET HOU
Total/NA	Analysis	8015 NM		1			34631	09/16/22 08:42	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	34486	09/14/22 09:39	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	34544	09/15/22 17:17	AJ	EET MID

Eurofins Midland

Lab Chronicle

Client: NT Global
Project/Site: South Vaccum Unit 351

Job ID: 880-19118-1
SDG: Lea Co, NM

Client Sample ID: CS-37 (4')

Lab Sample ID: 880-19118-37

Date Collected: 09/12/22 00:00

Matrix: Solid

Date Received: 09/12/22 16:07

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			4.97 g	50 mL	34372	09/13/22 10:16	KS	EET MID
Soluble	Analysis	300.0		5			34577	09/16/22 05:26	CH	EET MID

Client Sample ID: CS-38 (4')

Lab Sample ID: 880-19118-38

Date Collected: 09/12/22 00:00

Matrix: Solid

Date Received: 09/12/22 16:07

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	69466	09/16/22 17:49	MTMG	EET HOU
Total/NA	Analysis	8260D		1	5 mL	5 mL	69366	09/16/22 23:10	MTMG	EET HOU
Total/NA	Analysis	Total BTEX		1			69661	09/19/22 14:18	MTMG	EET HOU
Total/NA	Analysis	8015 NM		1			34631	09/16/22 08:42	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	34486	09/14/22 09:39	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	34544	09/15/22 17:38	AJ	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	34372	09/13/22 10:16	KS	EET MID
Soluble	Analysis	300.0		5			34577	09/16/22 05:31	CH	EET MID

Client Sample ID: CS-39 (4')

Lab Sample ID: 880-19118-39

Date Collected: 09/12/22 00:00

Matrix: Solid

Date Received: 09/12/22 16:07

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	69466	09/16/22 17:49	MTMG	EET HOU
Total/NA	Analysis	8260D		1	5 mL	5 mL	69366	09/16/22 23:34	MTMG	EET HOU
Total/NA	Analysis	Total BTEX		1			69661	09/19/22 14:18	MTMG	EET HOU
Total/NA	Analysis	8015 NM		1			34631	09/16/22 08:42	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	34486	09/14/22 09:39	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	34544	09/15/22 18:00	AJ	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	34372	09/13/22 10:16	KS	EET MID
Soluble	Analysis	300.0		5			34577	09/16/22 05:36	CH	EET MID

Client Sample ID: CS-40 (4')

Lab Sample ID: 880-19118-40

Date Collected: 09/12/22 00:00

Matrix: Solid

Date Received: 09/12/22 16:07

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	69466	09/16/22 17:49	MTMG	EET HOU
Total/NA	Analysis	8260D		1	5 mL	5 mL	69334	09/16/22 18:34	MTMG	EET HOU
Total/NA	Analysis	Total BTEX		1			69661	09/19/22 14:18	MTMG	EET HOU
Total/NA	Analysis	8015 NM		1			34631	09/16/22 08:42	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	34486	09/14/22 09:39	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	34544	09/15/22 18:22	AJ	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	34372	09/13/22 10:16	KS	EET MID
Soluble	Analysis	300.0		5			34577	09/16/22 05:41	CH	EET MID

Eurofins Midland

Lab Chronicle

Client: NT Global
Project/Site: South Vaccum Unit 351

Job ID: 880-19118-1
SDG: Lea Co, NM

Client Sample ID: CS-41 (4')

Lab Sample ID: 880-19118-41

Date Collected: 09/12/22 00:00

Matrix: Solid

Date Received: 09/12/22 16:07

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	69466	09/16/22 17:49	MTMG	EET HOU
Total/NA	Analysis	8260D		1	5 mL	5 mL	69334	09/16/22 18:51	MTMG	EET HOU
Total/NA	Analysis	Total BTEX		1			69661	09/19/22 14:18	MTMG	EET HOU
Total/NA	Analysis	8015 NM		1			34631	09/16/22 08:42	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	34503	09/14/22 13:21	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	34546	09/15/22 10:21	AJ	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	34373	09/13/22 10:17	KS	EET MID
Soluble	Analysis	300.0		1			34578	09/16/22 10:14	CH	EET MID

Client Sample ID: CS-42 (4')

Lab Sample ID: 880-19118-42

Date Collected: 09/12/22 00:00

Matrix: Solid

Date Received: 09/12/22 16:07

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	69466	09/16/22 17:49	MTMG	EET HOU
Total/NA	Analysis	8260D		1	5 mL	5 mL	69334	09/16/22 19:08	MTMG	EET HOU
Total/NA	Analysis	Total BTEX		1			69661	09/19/22 14:18	MTMG	EET HOU
Total/NA	Analysis	8015 NM		1			34631	09/16/22 08:42	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	34503	09/14/22 13:21	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	34546	09/15/22 11:23	AJ	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	34373	09/13/22 10:17	KS	EET MID
Soluble	Analysis	300.0		1			34578	09/16/22 10:29	CH	EET MID

Client Sample ID: CS-43 (4')

Lab Sample ID: 880-19118-43

Date Collected: 09/12/22 00:00

Matrix: Solid

Date Received: 09/12/22 16:07

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	69466	09/16/22 17:49	MTMG	EET HOU
Total/NA	Analysis	8260D		1	5 mL	5 mL	69334	09/16/22 19:25	MTMG	EET HOU
Total/NA	Analysis	Total BTEX		1			69661	09/19/22 14:18	MTMG	EET HOU
Total/NA	Analysis	8015 NM		1			34631	09/16/22 08:42	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	34503	09/14/22 13:21	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	34546	09/15/22 11:43	AJ	EET MID
Soluble	Leach	DI Leach			5 g	50 mL	34373	09/13/22 10:17	KS	EET MID
Soluble	Analysis	300.0		1			34578	09/16/22 12:36	CH	EET MID

Client Sample ID: CS-44 (4')

Lab Sample ID: 880-19118-44

Date Collected: 09/12/22 00:00

Matrix: Solid

Date Received: 09/12/22 16:07

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	69265	09/15/22 16:56	MTMG	EET HOU
Total/NA	Analysis	8260D		1	5 mL	5 mL	69336	09/16/22 16:48	MTMG	EET HOU
Total/NA	Analysis	Total BTEX		1			69661	09/19/22 14:18	MTMG	EET HOU

Eurofins Midland

Lab Chronicle

Client: NT Global
Project/Site: South Vaccum Unit 351

Job ID: 880-19118-1
SDG: Lea Co, NM

Client Sample ID: CS-44 (4')

Lab Sample ID: 880-19118-44

Date Collected: 09/12/22 00:00

Matrix: Solid

Date Received: 09/12/22 16:07

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			34631	09/16/22 08:42	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	34503	09/14/22 13:21	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	34546	09/15/22 12:04	AJ	EET MID
Soluble	Leach	DI Leach			5 g	50 mL	34373	09/13/22 10:17	KS	EET MID
Soluble	Analysis	300.0		10			34578	09/16/22 10:39	CH	EET MID

Client Sample ID: CS-45 (4')

Lab Sample ID: 880-19118-45

Date Collected: 09/12/22 00:00

Matrix: Solid

Date Received: 09/12/22 16:07

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	69265	09/15/22 16:56	MTMG	EET HOU
Total/NA	Analysis	8260D		1	5 mL	5 mL	69336	09/16/22 17:08	MTMG	EET HOU
Total/NA	Analysis	Total BTEX		1			69661	09/19/22 14:18	MTMG	EET HOU
Total/NA	Analysis	8015 NM		1			34631	09/16/22 08:42	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	34503	09/14/22 13:21	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	34546	09/15/22 12:25	AJ	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	34373	09/13/22 10:17	KS	EET MID
Soluble	Analysis	300.0		1			34578	09/16/22 10:44	CH	EET MID

Client Sample ID: CS-46 (4')

Lab Sample ID: 880-19118-46

Date Collected: 09/12/22 00:00

Matrix: Solid

Date Received: 09/12/22 16:07

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	69466	09/16/22 17:49	MTMG	EET HOU
Total/NA	Analysis	8260D		1	5 mL	5 mL	69334	09/16/22 19:42	MTMG	EET HOU
Total/NA	Analysis	Total BTEX		1			69661	09/19/22 14:18	MTMG	EET HOU
Total/NA	Analysis	8015 NM		1			34631	09/16/22 08:42	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	34503	09/14/22 13:21	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	34546	09/15/22 12:46	AJ	EET MID
Soluble	Leach	DI Leach			5 g	50 mL	34373	09/13/22 10:17	KS	EET MID
Soluble	Analysis	300.0		5			34578	09/16/22 10:58	CH	EET MID

Client Sample ID: CS-47 (4')

Lab Sample ID: 880-19118-47

Date Collected: 09/12/22 00:00

Matrix: Solid

Date Received: 09/12/22 16:07

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	69466	09/16/22 17:49	MTMG	EET HOU
Total/NA	Analysis	8260D		1	5 mL	5 mL	69334	09/16/22 19:59	MTMG	EET HOU
Total/NA	Analysis	Total BTEX		1			69661	09/19/22 14:18	MTMG	EET HOU
Total/NA	Analysis	8015 NM		1			34631	09/16/22 08:42	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	34503	09/14/22 13:21	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	34546	09/15/22 13:06	AJ	EET MID

Eurofins Midland

Lab Chronicle

Client: NT Global
Project/Site: South Vaccum Unit 351

Job ID: 880-19118-1
SDG: Lea Co, NM

Client Sample ID: CS-47 (4')

Lab Sample ID: 880-19118-47

Date Collected: 09/12/22 00:00

Matrix: Solid

Date Received: 09/12/22 16:07

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.04 g	50 mL	34373	09/13/22 10:17	KS	EET MID
Soluble	Analysis	300.0		5			34578	09/16/22 11:03	CH	EET MID

Client Sample ID: CS-48 (4')

Lab Sample ID: 880-19118-48

Date Collected: 09/12/22 00:00

Matrix: Solid

Date Received: 09/12/22 16:07

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	69265	09/15/22 16:56	MTMG	EET HOU
Total/NA	Analysis	8260D		1	5 mL	5 mL	69278	09/16/22 03:15	MTMG	EET HOU
Total/NA	Analysis	Total BTEX		1			69661	09/19/22 14:18	MTMG	EET HOU
Total/NA	Analysis	8015 NM		1			34631	09/16/22 08:42	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	34503	09/14/22 13:21	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	34546	09/15/22 13:27	AJ	EET MID
Soluble	Leach	DI Leach			5 g	50 mL	34373	09/13/22 10:17	KS	EET MID
Soluble	Analysis	300.0		5			34578	09/16/22 11:08	CH	EET MID

Client Sample ID: CS-49 (4')

Lab Sample ID: 880-19118-49

Date Collected: 09/12/22 00:00

Matrix: Solid

Date Received: 09/12/22 16:07

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	69265	09/15/22 16:56	MTMG	EET HOU
Total/NA	Analysis	8260D		1	5 mL	5 mL	69278	09/16/22 03:38	MTMG	EET HOU
Total/NA	Analysis	Total BTEX		1			69661	09/19/22 14:18	MTMG	EET HOU
Total/NA	Analysis	8015 NM		1			34631	09/16/22 08:42	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	34503	09/14/22 13:21	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	34546	09/15/22 13:47	AJ	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	34373	09/13/22 10:17	KS	EET MID
Soluble	Analysis	300.0		5			34578	09/16/22 11:13	CH	EET MID

Client Sample ID: CS-50 (4')

Lab Sample ID: 880-19118-50

Date Collected: 09/12/22 00:00

Matrix: Solid

Date Received: 09/12/22 16:07

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	69265	09/15/22 16:56	MTMG	EET HOU
Total/NA	Analysis	8260D		1	5 mL	5 mL	69278	09/16/22 04:01	MTMG	EET HOU
Total/NA	Analysis	Total BTEX		1			69661	09/19/22 14:18	MTMG	EET HOU
Total/NA	Analysis	8015 NM		1			34631	09/16/22 08:42	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	34503	09/14/22 13:21	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	34546	09/15/22 14:08	AJ	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	34373	09/13/22 10:17	KS	EET MID
Soluble	Analysis	300.0		5			34578	09/16/22 11:18	CH	EET MID

Eurofins Midland

Lab Chronicle

Client: NT Global
Project/Site: South Vaccum Unit 351

Job ID: 880-19118-1
SDG: Lea Co, NM

Client Sample ID: CS-51 (4')

Lab Sample ID: 880-19118-51

Date Collected: 09/12/22 00:00

Matrix: Solid

Date Received: 09/12/22 16:07

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	69265	09/15/22 16:56	MTMG	EET HOU
Total/NA	Analysis	8260D		1	5 mL	5 mL	69278	09/16/22 04:24	MTMG	EET HOU
Total/NA	Analysis	Total BTEX		1			69661	09/19/22 14:18	MTMG	EET HOU
Total/NA	Analysis	8015 NM		1			34631	09/16/22 08:42	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	34503	09/14/22 13:21	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	34546	09/15/22 14:53	AJ	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	34373	09/13/22 10:17	KS	EET MID
Soluble	Analysis	300.0		1			34578	09/16/22 11:23	CH	EET MID

Client Sample ID: CS-52 (4')

Lab Sample ID: 880-19118-52

Date Collected: 09/12/22 00:00

Matrix: Solid

Date Received: 09/12/22 16:07

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	69265	09/15/22 16:56	MTMG	EET HOU
Total/NA	Analysis	8260D		1	5 mL	5 mL	69278	09/16/22 02:52	MTMG	EET HOU
Total/NA	Analysis	Total BTEX		1			69661	09/19/22 14:18	MTMG	EET HOU
Total/NA	Analysis	8015 NM		1			34631	09/16/22 08:42	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	34503	09/14/22 13:21	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	34546	09/15/22 15:14	AJ	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	34373	09/13/22 10:17	KS	EET MID
Soluble	Analysis	300.0		10			34578	09/16/22 11:42	CH	EET MID

Client Sample ID: CS-53 (4')

Lab Sample ID: 880-19118-53

Date Collected: 09/12/22 00:00

Matrix: Solid

Date Received: 09/12/22 16:07

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	69265	09/15/22 16:56	MTMG	EET HOU
Total/NA	Analysis	8260D		1	5 mL	5 mL	69278	09/16/22 04:47	MTMG	EET HOU
Total/NA	Analysis	Total BTEX		1			69661	09/19/22 14:18	MTMG	EET HOU
Total/NA	Analysis	8015 NM		1			34631	09/16/22 08:42	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	34503	09/14/22 13:21	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	34546	09/15/22 15:35	AJ	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	34373	09/13/22 10:17	KS	EET MID
Soluble	Analysis	300.0		1			34578	09/16/22 11:47	CH	EET MID

Client Sample ID: CS-54 (4')

Lab Sample ID: 880-19118-54

Date Collected: 09/12/22 00:00

Matrix: Solid

Date Received: 09/12/22 16:07

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	69265	09/15/22 16:56	MTMG	EET HOU
Total/NA	Analysis	8260D		1	5 mL	5 mL	69278	09/16/22 05:10	MTMG	EET HOU
Total/NA	Analysis	Total BTEX		1			69661	09/19/22 14:18	MTMG	EET HOU

Eurofins Midland

Lab Chronicle

Client: NT Global
Project/Site: South Vaccum Unit 351

Job ID: 880-19118-1
SDG: Lea Co, NM

Client Sample ID: CS-54 (4')

Lab Sample ID: 880-19118-54

Date Collected: 09/12/22 00:00

Matrix: Solid

Date Received: 09/12/22 16:07

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			34631	09/16/22 08:42	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	34503	09/14/22 13:21	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	34546	09/15/22 15:56	AJ	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	34373	09/13/22 10:17	KS	EET MID
Soluble	Analysis	300.0		1			34578	09/16/22 12:02	CH	EET MID

Client Sample ID: CS-55 (4')

Lab Sample ID: 880-19118-55

Date Collected: 09/12/22 00:00

Matrix: Solid

Date Received: 09/12/22 16:07

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	69265	09/15/22 16:56	MTMG	EET HOU
Total/NA	Analysis	8260D		1	5 mL	5 mL	69278	09/16/22 05:32	MTMG	EET HOU
Total/NA	Analysis	Total BTEX		1			69661	09/19/22 14:18	MTMG	EET HOU
Total/NA	Analysis	8015 NM		1			34631	09/16/22 08:42	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	34503	09/14/22 13:21	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	34546	09/15/22 16:17	AJ	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	34373	09/13/22 10:17	KS	EET MID
Soluble	Analysis	300.0		5			34578	09/16/22 12:06	CH	EET MID

Client Sample ID: CS-56 (4')

Lab Sample ID: 880-19118-56

Date Collected: 09/12/22 00:00

Matrix: Solid

Date Received: 09/12/22 16:07

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	69265	09/15/22 16:56	MTMG	EET HOU
Total/NA	Analysis	8260D		1	5 mL	5 mL	69278	09/16/22 05:55	MTMG	EET HOU
Total/NA	Analysis	Total BTEX		1			69661	09/19/22 14:18	MTMG	EET HOU
Total/NA	Analysis	8015 NM		1			34631	09/16/22 08:42	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	34503	09/14/22 13:21	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	34546	09/15/22 16:38	AJ	EET MID
Soluble	Leach	DI Leach			5 g	50 mL	34373	09/13/22 10:17	KS	EET MID
Soluble	Analysis	300.0		10			34578	09/16/22 12:11	CH	EET MID

Client Sample ID: CS-57 (4')

Lab Sample ID: 880-19118-57

Date Collected: 09/12/22 00:00

Matrix: Solid

Date Received: 09/12/22 16:07

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	69265	09/15/22 16:56	MTMG	EET HOU
Total/NA	Analysis	8260D		1	5 mL	5 mL	69278	09/16/22 06:19	MTMG	EET HOU
Total/NA	Analysis	Total BTEX		1			69661	09/19/22 14:18	MTMG	EET HOU
Total/NA	Analysis	8015 NM		1			34631	09/16/22 08:42	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	34503	09/14/22 13:21	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	34546	09/15/22 16:58	AJ	EET MID

Eurofins Midland

Lab Chronicle

Client: NT Global
Project/Site: South Vaccum Unit 351

Job ID: 880-19118-1
SDG: Lea Co, NM

Client Sample ID: CS-57 (4')

Lab Sample ID: 880-19118-57

Date Collected: 09/12/22 00:00

Matrix: Solid

Date Received: 09/12/22 16:07

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			4.97 g	50 mL	34373	09/13/22 10:17	KS	EET MID
Soluble	Analysis	300.0		10			34578	09/16/22 12:16	CH	EET MID

Client Sample ID: CS-58 (4')

Lab Sample ID: 880-19118-58

Date Collected: 09/12/22 00:00

Matrix: Solid

Date Received: 09/12/22 16:07

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	69265	09/15/22 16:56	MTMG	EET HOU
Total/NA	Analysis	8260D		1	5 mL	5 mL	69278	09/16/22 06:41	MTMG	EET HOU
Total/NA	Analysis	Total BTEX		1			69661	09/19/22 14:18	MTMG	EET HOU
Total/NA	Analysis	8015 NM		1			34631	09/16/22 08:42	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	34503	09/14/22 13:21	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	34546	09/15/22 17:19	AJ	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	34373	09/13/22 10:17	KS	EET MID
Soluble	Analysis	300.0		5			34578	09/16/22 12:21	CH	EET MID

Client Sample ID: CS-59 (4')

Lab Sample ID: 880-19118-59

Date Collected: 09/12/22 00:00

Matrix: Solid

Date Received: 09/12/22 16:07

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	69265	09/15/22 16:56	MTMG	EET HOU
Total/NA	Analysis	8260D		1	5 mL	5 mL	69278	09/16/22 07:04	MTMG	EET HOU
Total/NA	Analysis	Total BTEX		1			69661	09/19/22 14:18	MTMG	EET HOU
Total/NA	Analysis	8015 NM		1			34631	09/16/22 08:42	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	34503	09/14/22 13:21	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	34546	09/15/22 17:40	AJ	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	34373	09/13/22 10:17	KS	EET MID
Soluble	Analysis	300.0		5			34578	09/16/22 12:26	CH	EET MID

Client Sample ID: CS-60 (4')

Lab Sample ID: 880-19118-60

Date Collected: 09/12/22 00:00

Matrix: Solid

Date Received: 09/12/22 16:07

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	69265	09/15/22 16:56	MTMG	EET HOU
Total/NA	Analysis	8260D		1	5 mL	5 mL	69278	09/16/22 07:27	MTMG	EET HOU
Total/NA	Analysis	Total BTEX		1			69661	09/19/22 14:18	MTMG	EET HOU
Total/NA	Analysis	8015 NM		1			34631	09/16/22 08:42	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	34503	09/14/22 13:21	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	34546	09/15/22 18:01	AJ	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	34373	09/13/22 10:17	KS	EET MID
Soluble	Analysis	300.0		5			34578	09/16/22 12:31	CH	EET MID

Eurofins Midland

Lab Chronicle

Client: NT Global
Project/Site: South Vaccum Unit 351

Job ID: 880-19118-1
SDG: Lea Co, NM

Client Sample ID: CS-61 (4')

Lab Sample ID: 880-19118-61

Date Collected: 09/12/22 00:00

Matrix: Solid

Date Received: 09/12/22 16:07

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	69265	09/15/22 16:56	MTMG	EET HOU
Total/NA	Analysis	8260D		1	5 mL	5 mL	69278	09/16/22 07:50	MTMG	EET HOU
Total/NA	Analysis	Total BTEX		1			69661	09/19/22 14:18	MTMG	EET HOU
Total/NA	Analysis	8015 NM		1			34631	09/16/22 08:42	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	34505	09/14/22 13:25	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	34542	09/15/22 20:09	AJ	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	34374	09/13/22 10:19	KS	EET MID
Soluble	Analysis	300.0		10			34580	09/16/22 02:11	CH	EET MID

Client Sample ID: CS-62 (4')

Lab Sample ID: 880-19118-62

Date Collected: 09/12/22 00:00

Matrix: Solid

Date Received: 09/12/22 16:07

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	69265	09/15/22 16:56	MTMG	EET HOU
Total/NA	Analysis	8260D		1	5 mL	5 mL	69278	09/16/22 08:13	MTMG	EET HOU
Total/NA	Analysis	Total BTEX		1			69661	09/19/22 14:18	MTMG	EET HOU
Total/NA	Analysis	8015 NM		1			34631	09/16/22 08:42	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	34505	09/14/22 13:25	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	34542	09/15/22 21:14	AJ	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	34374	09/13/22 10:19	KS	EET MID
Soluble	Analysis	300.0		5			34580	09/16/22 02:34	CH	EET MID

Client Sample ID: CS-63 (4')

Lab Sample ID: 880-19118-63

Date Collected: 09/12/22 00:00

Matrix: Solid

Date Received: 09/12/22 16:07

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	69265	09/15/22 16:56	MTMG	EET HOU
Total/NA	Analysis	8260D		1	5 mL	5 mL	69278	09/16/22 08:36	MTMG	EET HOU
Total/NA	Analysis	Total BTEX		1			69661	09/19/22 14:18	MTMG	EET HOU
Total/NA	Analysis	8015 NM		1			34631	09/16/22 08:42	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	34505	09/14/22 13:25	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	34542	09/15/22 21:36	AJ	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	34374	09/13/22 10:19	KS	EET MID
Soluble	Analysis	300.0		1			34580	09/16/22 02:41	CH	EET MID

Client Sample ID: CS-64 (4')

Lab Sample ID: 880-19118-64

Date Collected: 09/12/22 00:00

Matrix: Solid

Date Received: 09/12/22 16:07

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	69265	09/15/22 16:56	MTMG	EET HOU
Total/NA	Analysis	8260D		1	5 mL	5 mL	69278	09/16/22 08:59	MTMG	EET HOU
Total/NA	Analysis	Total BTEX		1			69661	09/19/22 14:18	MTMG	EET HOU

Eurofins Midland

Lab Chronicle

Client: NT Global
Project/Site: South Vaccum Unit 351

Job ID: 880-19118-1
SDG: Lea Co, NM

Client Sample ID: CS-64 (4')

Lab Sample ID: 880-19118-64

Date Collected: 09/12/22 00:00

Matrix: Solid

Date Received: 09/12/22 16:07

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			34631	09/16/22 08:42	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	34505	09/14/22 13:25	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	34542	09/15/22 21:57	AJ	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	34374	09/13/22 10:19	KS	EET MID
Soluble	Analysis	300.0		5			34580	09/16/22 02:49	CH	EET MID

Client Sample ID: CS-65 (4')

Lab Sample ID: 880-19118-65

Date Collected: 09/12/22 00:00

Matrix: Solid

Date Received: 09/12/22 16:07

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	69265	09/15/22 16:56	MTMG	EET HOU
Total/NA	Analysis	8260D		1	5 mL	5 mL	69278	09/16/22 09:22	MTMG	EET HOU
Total/NA	Analysis	Total BTEX		1			69661	09/19/22 14:18	MTMG	EET HOU
Total/NA	Analysis	8015 NM		1			34631	09/16/22 08:42	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	34505	09/14/22 13:25	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	34542	09/15/22 22:19	AJ	EET MID
Soluble	Leach	DI Leach			5 g	50 mL	34374	09/13/22 10:19	KS	EET MID
Soluble	Analysis	300.0		10			34580	09/16/22 02:56	CH	EET MID

Client Sample ID: CS-66 (4')

Lab Sample ID: 880-19118-66

Date Collected: 09/12/22 00:00

Matrix: Solid

Date Received: 09/12/22 16:07

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	69265	09/15/22 16:56	MTMG	EET HOU
Total/NA	Analysis	8260D		1	5 mL	5 mL	69278	09/16/22 09:45	MTMG	EET HOU
Total/NA	Analysis	Total BTEX		1			69661	09/19/22 14:18	MTMG	EET HOU
Total/NA	Analysis	8015 NM		1			34631	09/16/22 08:42	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	34505	09/14/22 13:25	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	34542	09/15/22 22:41	AJ	EET MID
Soluble	Leach	DI Leach			5 g	50 mL	34374	09/13/22 10:19	KS	EET MID
Soluble	Analysis	300.0		5			34580	09/16/22 03:19	CH	EET MID

Client Sample ID: CS-67 (4')

Lab Sample ID: 880-19118-67

Date Collected: 09/12/22 00:00

Matrix: Solid

Date Received: 09/12/22 16:07

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	69265	09/15/22 16:56	MTMG	EET HOU
Total/NA	Analysis	8260D		1	5 mL	5 mL	69278	09/16/22 10:08	MTMG	EET HOU
Total/NA	Analysis	Total BTEX		1			69661	09/19/22 14:18	MTMG	EET HOU
Total/NA	Analysis	8015 NM		1			34631	09/16/22 08:42	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	34505	09/14/22 13:25	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	34542	09/15/22 23:02	AJ	EET MID

Eurofins Midland

Lab Chronicle

Client: NT Global
Project/Site: South Vacuum Unit 351

Job ID: 880-19118-1
SDG: Lea Co, NM

Client Sample ID: CS-67 (4')

Lab Sample ID: 880-19118-67

Date Collected: 09/12/22 00:00

Matrix: Solid

Date Received: 09/12/22 16:07

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.04 g	50 mL	34374	09/13/22 10:19	KS	EET MID
Soluble	Analysis	300.0		10			34580	09/16/22 03:26	CH	EET MID

Client Sample ID: CS-68 (4')

Lab Sample ID: 880-19118-68

Date Collected: 09/12/22 00:00

Matrix: Solid

Date Received: 09/12/22 16:07

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	69265	09/15/22 16:56	MTMG	EET HOU
Total/NA	Analysis	8260D		1	5 mL	5 mL	69280	09/16/22 02:16	MTMG	EET HOU
Total/NA	Analysis	Total BTEX		1			69661	09/19/22 14:18	MTMG	EET HOU
Total/NA	Analysis	8015 NM		1			34631	09/16/22 08:42	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	34505	09/14/22 13:25	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	34542	09/15/22 23:24	AJ	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	34374	09/13/22 10:19	KS	EET MID
Soluble	Analysis	300.0		5			34580	09/16/22 03:33	CH	EET MID

Client Sample ID: CS-69 (4')

Lab Sample ID: 880-19118-69

Date Collected: 09/12/22 00:00

Matrix: Solid

Date Received: 09/12/22 16:07

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	69265	09/15/22 16:56	MTMG	EET HOU
Total/NA	Analysis	8260D		1	5 mL	5 mL	69280	09/16/22 02:36	MTMG	EET HOU
Total/NA	Analysis	Total BTEX		1			69661	09/19/22 14:18	MTMG	EET HOU
Total/NA	Analysis	8015 NM		1			34631	09/16/22 08:42	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	34505	09/14/22 13:25	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	34542	09/15/22 23:45	AJ	EET MID
Soluble	Leach	DI Leach			5 g	50 mL	34375	09/13/22 10:20	KS	EET MID
Soluble	Analysis	300.0		1			34581	09/16/22 20:21	CH	EET MID

Client Sample ID: CS-70 (4')

Lab Sample ID: 880-19118-70

Date Collected: 09/12/22 00:00

Matrix: Solid

Date Received: 09/12/22 16:07

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	69265	09/15/22 16:56	MTMG	EET HOU
Total/NA	Analysis	8260D		1	5 mL	5 mL	69280	09/16/22 02:56	MTMG	EET HOU
Total/NA	Analysis	Total BTEX		1			69661	09/19/22 14:18	MTMG	EET HOU
Total/NA	Analysis	8015 NM		1			34631	09/16/22 08:42	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	34505	09/14/22 13:25	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	34542	09/16/22 00:07	AJ	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	34374	09/13/22 10:19	KS	EET MID
Soluble	Analysis	300.0		1			34580	09/16/22 03:48	CH	EET MID

Eurofins Midland

Lab Chronicle

Client: NT Global
Project/Site: South Vacuum Unit 351

Job ID: 880-19118-1
SDG: Lea Co, NM

Client Sample ID: CS-71 (4')

Lab Sample ID: 880-19118-71

Date Collected: 09/12/22 00:00

Matrix: Solid

Date Received: 09/12/22 16:07

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	69265	09/15/22 16:56	MTMG	EET HOU
Total/NA	Analysis	8260D		1	5 mL	5 mL	69280	09/16/22 01:55	MTMG	EET HOU
Total/NA	Analysis	Total BTEX		1			69661	09/19/22 14:18	MTMG	EET HOU
Total/NA	Analysis	8015 NM		1			34631	09/16/22 08:42	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	34505	09/14/22 13:25	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	34542	09/16/22 00:50	AJ	EET MID
Soluble	Leach	DI Leach			5 g	50 mL	34374	09/13/22 10:19	KS	EET MID
Soluble	Analysis	300.0		10			34580	09/16/22 03:56	CH	EET MID

Client Sample ID: CS-72 (4')

Lab Sample ID: 880-19118-72

Date Collected: 09/12/22 00:00

Matrix: Solid

Date Received: 09/12/22 16:07

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	69265	09/15/22 16:56	MTMG	EET HOU
Total/NA	Analysis	8260D		1	5 mL	5 mL	69280	09/16/22 03:17	MTMG	EET HOU
Total/NA	Analysis	Total BTEX		1			69661	09/19/22 14:18	MTMG	EET HOU
Total/NA	Analysis	8015 NM		1			34631	09/16/22 08:42	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	34505	09/14/22 13:25	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	34542	09/16/22 01:12	AJ	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	34375	09/13/22 10:20	KS	EET MID
Soluble	Analysis	300.0		1			34581	09/16/22 20:26	CH	EET MID

Client Sample ID: CS-73 (4')

Lab Sample ID: 880-19118-73

Date Collected: 09/12/22 00:00

Matrix: Solid

Date Received: 09/12/22 16:07

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	69265	09/15/22 16:56	MTMG	EET HOU
Total/NA	Analysis	8260D		1	5 mL	5 mL	69280	09/16/22 03:37	MTMG	EET HOU
Total/NA	Analysis	Total BTEX		1			69661	09/19/22 14:18	MTMG	EET HOU
Total/NA	Analysis	8015 NM		1			34631	09/16/22 08:42	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	34505	09/14/22 13:25	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	34542	09/16/22 01:33	AJ	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	34374	09/13/22 10:19	KS	EET MID
Soluble	Analysis	300.0		5			34580	09/16/22 04:26	CH	EET MID

Client Sample ID: CS-74 (4')

Lab Sample ID: 880-19118-74

Date Collected: 09/12/22 00:00

Matrix: Solid

Date Received: 09/12/22 16:07

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	69265	09/15/22 16:56	MTMG	EET HOU
Total/NA	Analysis	8260D		1	5 mL	5 mL	69280	09/16/22 03:58	MTMG	EET HOU
Total/NA	Analysis	Total BTEX		1			69661	09/19/22 14:18	MTMG	EET HOU

Eurofins Midland

Lab Chronicle

Client: NT Global
Project/Site: South Vaccum Unit 351

Job ID: 880-19118-1
SDG: Lea Co, NM

Client Sample ID: CS-74 (4')

Lab Sample ID: 880-19118-74

Date Collected: 09/12/22 00:00

Matrix: Solid

Date Received: 09/12/22 16:07

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			34631	09/16/22 08:42	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	34505	09/14/22 13:25	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	34542	09/16/22 01:54	AJ	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	34374	09/13/22 10:19	KS	EET MID
Soluble	Analysis	300.0		5			34580	09/16/22 04:48	CH	EET MID

Client Sample ID: CS-75 (4')

Lab Sample ID: 880-19118-75

Date Collected: 09/12/22 00:00

Matrix: Solid

Date Received: 09/12/22 16:07

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	69265	09/15/22 16:56	MTMG	EET HOU
Total/NA	Analysis	8260D		1	5 mL	5 mL	69280	09/16/22 04:18	MTMG	EET HOU
Total/NA	Analysis	Total BTEX		1			69661	09/19/22 14:18	MTMG	EET HOU
Total/NA	Analysis	8015 NM		1			34631	09/16/22 08:42	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	34505	09/14/22 13:25	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	34542	09/16/22 02:16	AJ	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	34374	09/13/22 10:19	KS	EET MID
Soluble	Analysis	300.0		1			34580	09/16/22 04:56	CH	EET MID

Client Sample ID: CS-76 (4')

Lab Sample ID: 880-19118-76

Date Collected: 09/12/22 00:00

Matrix: Solid

Date Received: 09/12/22 16:07

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	69265	09/15/22 16:56	MTMG	EET HOU
Total/NA	Analysis	8260D		1	5 mL	5 mL	69280	09/16/22 04:39	MTMG	EET HOU
Total/NA	Analysis	Total BTEX		1			69661	09/19/22 14:18	MTMG	EET HOU
Total/NA	Analysis	8015 NM		1			34631	09/16/22 08:42	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	34505	09/14/22 13:25	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	34542	09/16/22 02:37	AJ	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	34374	09/13/22 10:19	KS	EET MID
Soluble	Analysis	300.0		1			34580	09/16/22 05:03	CH	EET MID

Client Sample ID: SW-1

Lab Sample ID: 880-19118-77

Date Collected: 09/12/22 00:00

Matrix: Solid

Date Received: 09/12/22 16:07

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	69265	09/15/22 16:56	MTMG	EET HOU
Total/NA	Analysis	8260D		1	5 mL	5 mL	69280	09/16/22 04:59	MTMG	EET HOU
Total/NA	Analysis	Total BTEX		1			69661	09/19/22 14:18	MTMG	EET HOU
Total/NA	Analysis	8015 NM		1			34631	09/16/22 08:42	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	34505	09/14/22 13:25	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	34542	09/16/22 02:59	AJ	EET MID

Eurofins Midland

Lab Chronicle

Client: NT Global
Project/Site: South Vaccum Unit 351

Job ID: 880-19118-1
SDG: Lea Co, NM

Client Sample ID: SW-1

Lab Sample ID: 880-19118-77

Date Collected: 09/12/22 00:00

Matrix: Solid

Date Received: 09/12/22 16:07

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			4.97 g	50 mL	34374	09/13/22 10:19	KS	EET MID
Soluble	Analysis	300.0		1			34580	09/16/22 05:11	CH	EET MID

Client Sample ID: SW-2

Lab Sample ID: 880-19118-78

Date Collected: 09/12/22 00:00

Matrix: Solid

Date Received: 09/12/22 16:07

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	69265	09/15/22 16:56	MTMG	EET HOU
Total/NA	Analysis	8260D		1	5 mL	5 mL	69280	09/16/22 05:20	MTMG	EET HOU
Total/NA	Analysis	Total BTEX		1			69661	09/19/22 14:18	MTMG	EET HOU
Total/NA	Analysis	8015 NM		1			34631	09/16/22 08:42	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	34505	09/14/22 13:25	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	34542	09/16/22 03:20	AJ	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	34374	09/13/22 10:19	KS	EET MID
Soluble	Analysis	300.0		1			34580	09/16/22 05:18	CH	EET MID

Client Sample ID: SW-3

Lab Sample ID: 880-19118-79

Date Collected: 09/12/22 00:00

Matrix: Solid

Date Received: 09/12/22 16:07

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	69265	09/15/22 16:56	MTMG	EET HOU
Total/NA	Analysis	8260D		1	5 mL	5 mL	69280	09/16/22 05:40	MTMG	EET HOU
Total/NA	Analysis	Total BTEX		1			69661	09/19/22 14:18	MTMG	EET HOU
Total/NA	Analysis	8015 NM		1			34631	09/16/22 08:42	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	34505	09/14/22 13:25	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	34542	09/16/22 03:42	AJ	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	34374	09/13/22 10:19	KS	EET MID
Soluble	Analysis	300.0		1			34580	09/16/22 05:26	CH	EET MID

Client Sample ID: SW-4

Lab Sample ID: 880-19118-80

Date Collected: 09/12/22 00:00

Matrix: Solid

Date Received: 09/12/22 16:07

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	69265	09/15/22 16:56	MTMG	EET HOU
Total/NA	Analysis	8260D		1	5 mL	5 mL	69280	09/16/22 06:01	MTMG	EET HOU
Total/NA	Analysis	Total BTEX		1			69661	09/19/22 14:18	MTMG	EET HOU
Total/NA	Analysis	8015 NM		1			34631	09/16/22 08:42	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	34505	09/14/22 13:25	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	34542	09/16/22 04:03	AJ	EET MID
Soluble	Leach	DI Leach			5 g	50 mL	34374	09/13/22 10:19	KS	EET MID
Soluble	Analysis	300.0		1			34580	09/16/22 05:33	CH	EET MID

Eurofins Midland

Lab Chronicle

Client: NT Global
Project/Site: South Vaccum Unit 351

Job ID: 880-19118-1
SDG: Lea Co, NM

Client Sample ID: SW-5

Lab Sample ID: 880-19118-81

Date Collected: 09/12/22 00:00

Matrix: Solid

Date Received: 09/12/22 16:07

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	69265	09/15/22 17:36	MTMG	EET HOU
Total/NA	Analysis	8260D		1	5 mL	5 mL	69280	09/16/22 06:21	MTMG	EET HOU
Total/NA	Analysis	Total BTEX		1			69661	09/19/22 14:18	MTMG	EET HOU
Total/NA	Analysis	8015 NM		1			34631	09/16/22 08:42	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	34506	09/14/22 13:28	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	34544	09/15/22 20:09	AJ	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	34375	09/13/22 10:20	KS	EET MID
Soluble	Analysis	300.0		1			34581	09/16/22 18:20	CH	EET MID

Client Sample ID: SW-6

Lab Sample ID: 880-19118-82

Date Collected: 09/12/22 00:00

Matrix: Solid

Date Received: 09/12/22 16:07

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	69265	09/15/22 17:36	MTMG	EET HOU
Total/NA	Analysis	8260D		1	5 mL	5 mL	69280	09/16/22 06:42	MTMG	EET HOU
Total/NA	Analysis	Total BTEX		1			69661	09/19/22 14:18	MTMG	EET HOU
Total/NA	Analysis	8015 NM		1			34631	09/16/22 08:42	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	34506	09/14/22 13:28	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	34544	09/15/22 21:14	AJ	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	34375	09/13/22 10:20	KS	EET MID
Soluble	Analysis	300.0		1			34581	09/16/22 18:35	CH	EET MID

Client Sample ID: SW-7

Lab Sample ID: 880-19118-83

Date Collected: 09/12/22 00:00

Matrix: Solid

Date Received: 09/12/22 16:07

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	69265	09/15/22 17:36	MTMG	EET HOU
Total/NA	Analysis	8260D		1	5 mL	5 mL	69280	09/16/22 07:02	MTMG	EET HOU
Total/NA	Analysis	Total BTEX		1			69661	09/19/22 14:18	MTMG	EET HOU
Total/NA	Analysis	8015 NM		1			34631	09/16/22 08:42	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	34506	09/14/22 13:28	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	34544	09/15/22 21:36	AJ	EET MID
Soluble	Leach	DI Leach			5 g	50 mL	34375	09/13/22 10:20	KS	EET MID
Soluble	Analysis	300.0		1			34581	09/16/22 18:39	CH	EET MID

Client Sample ID: SW-8

Lab Sample ID: 880-19118-84

Date Collected: 09/12/22 00:00

Matrix: Solid

Date Received: 09/12/22 16:07

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	69265	09/15/22 17:36	MTMG	EET HOU
Total/NA	Analysis	8260D		1	5 mL	5 mL	69280	09/16/22 07:43	MTMG	EET HOU
Total/NA	Analysis	Total BTEX		1			69661	09/19/22 14:18	MTMG	EET HOU

Eurofins Midland

Lab Chronicle

Client: NT Global
Project/Site: South Vaccum Unit 351

Job ID: 880-19118-1
SDG: Lea Co, NM

Client Sample ID: SW-8

Lab Sample ID: 880-19118-84

Date Collected: 09/12/22 00:00

Matrix: Solid

Date Received: 09/12/22 16:07

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			34631	09/16/22 08:42	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	34506	09/14/22 13:28	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	34544	09/15/22 21:57	AJ	EET MID
Soluble	Leach	DI Leach			5 g	50 mL	34375	09/13/22 10:20	KS	EET MID
Soluble	Analysis	300.0		1			34581	09/16/22 18:44	CH	EET MID

Client Sample ID: SW-9

Lab Sample ID: 880-19118-85

Date Collected: 09/12/22 00:00

Matrix: Solid

Date Received: 09/12/22 16:07

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	69265	09/15/22 17:36	MTMG	EET HOU
Total/NA	Analysis	8260D		1	5 mL	5 mL	69280	09/16/22 07:23	MTMG	EET HOU
Total/NA	Analysis	Total BTEX		1			69661	09/19/22 14:18	MTMG	EET HOU
Total/NA	Analysis	8015 NM		1			34631	09/16/22 08:42	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	34506	09/14/22 13:28	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	34544	09/15/22 22:19	AJ	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	34375	09/13/22 10:20	KS	EET MID
Soluble	Analysis	300.0		1			34581	09/16/22 18:49	CH	EET MID

Client Sample ID: SW-10

Lab Sample ID: 880-19118-86

Date Collected: 09/12/22 00:00

Matrix: Solid

Date Received: 09/12/22 16:07

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	69265	09/15/22 17:36	MTMG	EET HOU
Total/NA	Analysis	8260D		1	5 mL	5 mL	69280	09/16/22 08:04	MTMG	EET HOU
Total/NA	Analysis	Total BTEX		1			69661	09/19/22 14:18	MTMG	EET HOU
Total/NA	Analysis	8015 NM		1			34631	09/16/22 08:42	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	34506	09/14/22 13:28	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	34544	09/15/22 22:41	AJ	EET MID
Soluble	Leach	DI Leach			5 g	50 mL	34375	09/13/22 10:20	KS	EET MID
Soluble	Analysis	300.0		1			34581	09/16/22 19:13	CH	EET MID

Client Sample ID: SW-11

Lab Sample ID: 880-19118-87

Date Collected: 09/12/22 00:00

Matrix: Solid

Date Received: 09/12/22 16:07

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	69265	09/15/22 17:36	MTMG	EET HOU
Total/NA	Analysis	8260D		1	5 mL	5 mL	69280	09/16/22 08:24	MTMG	EET HOU
Total/NA	Analysis	Total BTEX		1			69661	09/19/22 14:18	MTMG	EET HOU
Total/NA	Analysis	8015 NM		1			34631	09/16/22 08:42	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	34506	09/14/22 13:28	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	34544	09/15/22 23:02	AJ	EET MID

Eurofins Midland

Lab Chronicle

Client: NT Global
Project/Site: South Vaccum Unit 351

Job ID: 880-19118-1
SDG: Lea Co, NM

Client Sample ID: SW-11

Lab Sample ID: 880-19118-87

Date Collected: 09/12/22 00:00

Matrix: Solid

Date Received: 09/12/22 16:07

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.04 g	50 mL	34375	09/13/22 10:20	KS	EET MID
Soluble	Analysis	300.0		1			34581	09/16/22 19:18	CH	EET MID

Client Sample ID: SW-12

Lab Sample ID: 880-19118-88

Date Collected: 09/12/22 00:00

Matrix: Solid

Date Received: 09/12/22 16:07

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	69361	09/16/22 11:27	MTMG	EET HOU
Total/NA	Analysis	8260D		1	5 mL	5 mL	69336	09/16/22 14:05	MTMG	EET HOU
Total/NA	Analysis	Total BTEX		1			69661	09/19/22 14:18	MTMG	EET HOU
Total/NA	Analysis	8015 NM		1			34631	09/16/22 08:42	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	34506	09/14/22 13:28	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	34544	09/15/22 23:24	AJ	EET MID
Soluble	Leach	DI Leach			5 g	50 mL	34375	09/13/22 10:20	KS	EET MID
Soluble	Analysis	300.0		1			34581	09/16/22 19:23	CH	EET MID

Client Sample ID: SW-13

Lab Sample ID: 880-19118-89

Date Collected: 09/12/22 00:00

Matrix: Solid

Date Received: 09/12/22 16:07

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	69361	09/16/22 11:27	MTMG	EET HOU
Total/NA	Analysis	8260D		1	5 mL	5 mL	69336	09/16/22 14:25	MTMG	EET HOU
Total/NA	Analysis	Total BTEX		1			69661	09/19/22 14:18	MTMG	EET HOU
Total/NA	Analysis	8015 NM		1			34631	09/16/22 08:42	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	34506	09/14/22 13:28	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	34544	09/15/22 23:45	AJ	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	34375	09/13/22 10:20	KS	EET MID
Soluble	Analysis	300.0		1			34581	09/16/22 19:28	CH	EET MID

Client Sample ID: SW-14

Lab Sample ID: 880-19118-90

Date Collected: 09/12/22 00:00

Matrix: Solid

Date Received: 09/12/22 16:07

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	69361	09/16/22 11:27	MTMG	EET HOU
Total/NA	Analysis	8260D		1	5 mL	5 mL	69336	09/16/22 14:45	MTMG	EET HOU
Total/NA	Analysis	Total BTEX		1			69661	09/19/22 14:18	MTMG	EET HOU
Total/NA	Analysis	8015 NM		1			34631	09/16/22 08:42	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	34506	09/14/22 13:28	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	34544	09/16/22 00:07	AJ	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	34375	09/13/22 10:20	KS	EET MID
Soluble	Analysis	300.0		1			34581	09/16/22 19:33	CH	EET MID

Eurofins Midland

Lab Chronicle

Client: NT Global
Project/Site: South Vaccum Unit 351

Job ID: 880-19118-1
SDG: Lea Co, NM

Client Sample ID: SW-15

Lab Sample ID: 880-19118-91

Date Collected: 09/12/22 00:00

Matrix: Solid

Date Received: 09/12/22 16:07

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	69361	09/16/22 11:27	MTMG	EET HOU
Total/NA	Analysis	8260D		1	5 mL	5 mL	69336	09/16/22 15:06	MTMG	EET HOU
Total/NA	Analysis	Total BTEX		1			69661	09/19/22 14:18	MTMG	EET HOU
Total/NA	Analysis	8015 NM		1			34631	09/16/22 08:42	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	34506	09/14/22 13:28	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	34544	09/16/22 00:50	AJ	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	34375	09/13/22 10:20	KS	EET MID
Soluble	Analysis	300.0		1			34581	09/16/22 19:38	CH	EET MID

Client Sample ID: SW-16

Lab Sample ID: 880-19118-92

Date Collected: 09/12/22 00:00

Matrix: Solid

Date Received: 09/12/22 16:07

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	69361	09/16/22 11:27	MTMG	EET HOU
Total/NA	Analysis	8260D		1	5 mL	5 mL	69336	09/16/22 15:26	MTMG	EET HOU
Total/NA	Analysis	Total BTEX		1			69661	09/19/22 14:18	MTMG	EET HOU
Total/NA	Analysis	8015 NM		1			34631	09/16/22 08:42	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	34506	09/14/22 13:28	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	34544	09/16/22 01:12	AJ	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	34375	09/13/22 10:20	KS	EET MID
Soluble	Analysis	300.0		1			34581	09/16/22 19:52	CH	EET MID

Client Sample ID: SW-17

Lab Sample ID: 880-19118-93

Date Collected: 09/12/22 00:00

Matrix: Solid

Date Received: 09/12/22 16:07

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	69361	09/16/22 11:27	MTMG	EET HOU
Total/NA	Analysis	8260D		1	5 mL	5 mL	69336	09/16/22 15:47	MTMG	EET HOU
Total/NA	Analysis	Total BTEX		1			69661	09/19/22 14:18	MTMG	EET HOU
Total/NA	Analysis	8015 NM		1			34631	09/16/22 08:42	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	34506	09/14/22 13:28	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	34544	09/16/22 01:33	AJ	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	34375	09/13/22 10:20	KS	EET MID
Soluble	Analysis	300.0		1			34581	09/16/22 19:57	CH	EET MID

Client Sample ID: SW-18

Lab Sample ID: 880-19118-94

Date Collected: 09/12/22 00:00

Matrix: Solid

Date Received: 09/12/22 16:07

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	69361	09/16/22 11:27	MTMG	EET HOU
Total/NA	Analysis	8260D		1	5 mL	5 mL	69336	09/16/22 16:07	MTMG	EET HOU
Total/NA	Analysis	Total BTEX		1			69661	09/19/22 14:18	MTMG	EET HOU

Eurofins Midland

Lab Chronicle

Client: NT Global
Project/Site: South Vaccum Unit 351

Job ID: 880-19118-1
SDG: Lea Co, NM

Client Sample ID: SW-18

Lab Sample ID: 880-19118-94

Date Collected: 09/12/22 00:00

Matrix: Solid

Date Received: 09/12/22 16:07

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			34631	09/16/22 08:42	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	34506	09/14/22 13:28	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	34544	09/16/22 01:54	AJ	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	34375	09/13/22 10:20	KS	EET MID
Soluble	Analysis	300.0		1			34581	09/16/22 20:12	CH	EET MID

Client Sample ID: SW-19

Lab Sample ID: 880-19118-95

Date Collected: 09/12/22 00:00

Matrix: Solid

Date Received: 09/12/22 16:07

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	69361	09/16/22 11:27	MTMG	EET HOU
Total/NA	Analysis	8260D		1	5 mL	5 mL	69336	09/16/22 16:28	MTMG	EET HOU
Total/NA	Analysis	Total BTEX		1			69661	09/19/22 14:18	MTMG	EET HOU
Total/NA	Analysis	8015 NM		1			34631	09/16/22 08:42	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	34506	09/14/22 13:28	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	34544	09/16/22 02:16	AJ	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	34375	09/13/22 10:20	KS	EET MID
Soluble	Analysis	300.0		1			34581	09/16/22 20:17	CH	EET MID

Laboratory References:

EET HOU = Eurofins Houston, 4145 Greenbriar Dr, Stafford, TX 77477, TEL (281)240-4200

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 351

Job ID: 880-19118-1
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

Laboratory: Eurofins Houston

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

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704215-22-47	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
Total BTEX		Solid	Total BTEX

Method Summary

Client: NT Global
Project/Site: South Vaccum Unit 351

Job ID: 880-19118-1
SDG: Lea Co, NM

Method	Method Description	Protocol	Laboratory
8260D	Volatile Organic Compounds by GC/MS	SW846	EET HOU
Total BTEX	Total BTEX Calculation	TAL SOP	EET HOU
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 HOU
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 HOU = Eurofins Houston, 4145 Greenbriar Dr, Stafford, TX 77477, TEL (281)240-4200

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

Eurofins Midland

Sample Summary

Client: NT Global
Project/Site: South Vaccum Unit 351

Job ID: 880-19118-1
SDG: Lea Co, NM

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
880-19118-1	CS-1 (4')	Solid	09/12/22 00:00	09/12/22 16:07
880-19118-2	CS-2 (4')	Solid	09/12/22 00:00	09/12/22 16:07
880-19118-3	CS-3 (4')	Solid	09/12/22 00:00	09/12/22 16:07
880-19118-4	CS-4 (4')	Solid	09/12/22 00:00	09/12/22 16:07
880-19118-5	CS-5 (4')	Solid	09/12/22 00:00	09/12/22 16:07
880-19118-6	CS-6 (4')	Solid	09/12/22 00:00	09/12/22 16:07
880-19118-7	CS-7 (4')	Solid	09/12/22 00:00	09/12/22 16:07
880-19118-8	CS-8 (4')	Solid	09/12/22 00:00	09/12/22 16:07
880-19118-9	CS-9 (4')	Solid	09/12/22 00:00	09/12/22 16:07
880-19118-10	CS-10 (4')	Solid	09/12/22 00:00	09/12/22 16:07
880-19118-11	CS-11 (4')	Solid	09/12/22 00:00	09/12/22 16:07
880-19118-12	CS-12 (4')	Solid	09/12/22 00:00	09/12/22 16:07
880-19118-13	CS-13 (4')	Solid	09/12/22 00:00	09/12/22 16:07
880-19118-14	CS-14 (4')	Solid	09/12/22 00:00	09/12/22 16:07
880-19118-15	CS-15 (4')	Solid	09/12/22 00:00	09/12/22 16:07
880-19118-16	CS-16 (4')	Solid	09/12/22 00:00	09/12/22 16:07
880-19118-17	CS-17 (4')	Solid	09/12/22 00:00	09/12/22 16:07
880-19118-18	CS-18 (4')	Solid	09/12/22 00:00	09/12/22 16:07
880-19118-19	CS-19 (4')	Solid	09/12/22 00:00	09/12/22 16:07
880-19118-20	CS-20 (4')	Solid	09/12/22 00:00	09/12/22 16:07
880-19118-21	CS-21 (4')	Solid	09/12/22 00:00	09/12/22 16:07
880-19118-22	CS-22 (4')	Solid	09/12/22 00:00	09/12/22 16:07
880-19118-23	CS-23 (4')	Solid	09/12/22 00:00	09/12/22 16:07
880-19118-24	CS-24 (4')	Solid	09/12/22 00:00	09/12/22 16:07
880-19118-25	CS-25 (4')	Solid	09/12/22 00:00	09/12/22 16:07
880-19118-26	CS-26 (4')	Solid	09/12/22 00:00	09/12/22 16:07
880-19118-27	CS-27 (4')	Solid	09/12/22 00:00	09/12/22 16:07
880-19118-28	CS-28 (4')	Solid	09/12/22 00:00	09/12/22 16:07
880-19118-29	CS-29 (4')	Solid	09/12/22 00:00	09/12/22 16:07
880-19118-30	CS-30 (4')	Solid	09/12/22 00:00	09/12/22 16:07
880-19118-31	CS-31 (4')	Solid	09/12/22 00:00	09/12/22 16:07
880-19118-32	CS-32 (4')	Solid	09/12/22 00:00	09/12/22 16:07
880-19118-33	CS-33 (4')	Solid	09/12/22 00:00	09/12/22 16:07
880-19118-34	CS-34 (4')	Solid	09/12/22 00:00	09/12/22 16:07
880-19118-35	CS-35 (4')	Solid	09/12/22 00:00	09/12/22 16:07
880-19118-36	CS-36 (4')	Solid	09/12/22 00:00	09/12/22 16:07
880-19118-37	CS-37 (4')	Solid	09/12/22 00:00	09/12/22 16:07
880-19118-38	CS-38 (4')	Solid	09/12/22 00:00	09/12/22 16:07
880-19118-39	CS-39 (4')	Solid	09/12/22 00:00	09/12/22 16:07
880-19118-40	CS-40 (4')	Solid	09/12/22 00:00	09/12/22 16:07
880-19118-41	CS-41 (4')	Solid	09/12/22 00:00	09/12/22 16:07
880-19118-42	CS-42 (4')	Solid	09/12/22 00:00	09/12/22 16:07
880-19118-43	CS-43 (4')	Solid	09/12/22 00:00	09/12/22 16:07
880-19118-44	CS-44 (4')	Solid	09/12/22 00:00	09/12/22 16:07
880-19118-45	CS-45 (4')	Solid	09/12/22 00:00	09/12/22 16:07
880-19118-46	CS-46 (4')	Solid	09/12/22 00:00	09/12/22 16:07
880-19118-47	CS-47 (4')	Solid	09/12/22 00:00	09/12/22 16:07
880-19118-48	CS-48 (4')	Solid	09/12/22 00:00	09/12/22 16:07
880-19118-49	CS-49 (4')	Solid	09/12/22 00:00	09/12/22 16:07
880-19118-50	CS-50 (4')	Solid	09/12/22 00:00	09/12/22 16:07
880-19118-51	CS-51 (4')	Solid	09/12/22 00:00	09/12/22 16:07
880-19118-52	CS-52 (4')	Solid	09/12/22 00:00	09/12/22 16:07
880-19118-53	CS-53 (4')	Solid	09/12/22 00:00	09/12/22 16:07
880-19118-54	CS-54 (4')	Solid	09/12/22 00:00	09/12/22 16:07

Sample Summary

Client: NT Global
Project/Site: South Vaccum Unit 351

Job ID: 880-19118-1
SDG: Lea Co, NM

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
880-19118-55	CS-55 (4')	Solid	09/12/22 00:00	09/12/22 16:07
880-19118-56	CS-56 (4')	Solid	09/12/22 00:00	09/12/22 16:07
880-19118-57	CS-57 (4')	Solid	09/12/22 00:00	09/12/22 16:07
880-19118-58	CS-58 (4')	Solid	09/12/22 00:00	09/12/22 16:07
880-19118-59	CS-59 (4')	Solid	09/12/22 00:00	09/12/22 16:07
880-19118-60	CS-60 (4')	Solid	09/12/22 00:00	09/12/22 16:07
880-19118-61	CS-61 (4')	Solid	09/12/22 00:00	09/12/22 16:07
880-19118-62	CS-62 (4')	Solid	09/12/22 00:00	09/12/22 16:07
880-19118-63	CS-63 (4')	Solid	09/12/22 00:00	09/12/22 16:07
880-19118-64	CS-64 (4')	Solid	09/12/22 00:00	09/12/22 16:07
880-19118-65	CS-65 (4')	Solid	09/12/22 00:00	09/12/22 16:07
880-19118-66	CS-66 (4')	Solid	09/12/22 00:00	09/12/22 16:07
880-19118-67	CS-67 (4')	Solid	09/12/22 00:00	09/12/22 16:07
880-19118-68	CS-68 (4')	Solid	09/12/22 00:00	09/12/22 16:07
880-19118-69	CS-69 (4')	Solid	09/12/22 00:00	09/12/22 16:07
880-19118-70	CS-70 (4')	Solid	09/12/22 00:00	09/12/22 16:07
880-19118-71	CS-71 (4')	Solid	09/12/22 00:00	09/12/22 16:07
880-19118-72	CS-72 (4')	Solid	09/12/22 00:00	09/12/22 16:07
880-19118-73	CS-73 (4')	Solid	09/12/22 00:00	09/12/22 16:07
880-19118-74	CS-74 (4')	Solid	09/12/22 00:00	09/12/22 16:07
880-19118-75	CS-75 (4')	Solid	09/12/22 00:00	09/12/22 16:07
880-19118-76	CS-76 (4')	Solid	09/12/22 00:00	09/12/22 16:07
880-19118-77	SW-1	Solid	09/12/22 00:00	09/12/22 16:07
880-19118-78	SW-2	Solid	09/12/22 00:00	09/12/22 16:07
880-19118-79	SW-3	Solid	09/12/22 00:00	09/12/22 16:07
880-19118-80	SW-4	Solid	09/12/22 00:00	09/12/22 16:07
880-19118-81	SW-5	Solid	09/12/22 00:00	09/12/22 16:07
880-19118-82	SW-6	Solid	09/12/22 00:00	09/12/22 16:07
880-19118-83	SW-7	Solid	09/12/22 00:00	09/12/22 16:07
880-19118-84	SW-8	Solid	09/12/22 00:00	09/12/22 16:07
880-19118-85	SW-9	Solid	09/12/22 00:00	09/12/22 16:07
880-19118-86	SW-10	Solid	09/12/22 00:00	09/12/22 16:07
880-19118-87	SW-11	Solid	09/12/22 00:00	09/12/22 16:07
880-19118-88	SW-12	Solid	09/12/22 00:00	09/12/22 16:07
880-19118-89	SW-13	Solid	09/12/22 00:00	09/12/22 16:07
880-19118-90	SW-14	Solid	09/12/22 00:00	09/12/22 16:07
880-19118-91	SW-15	Solid	09/12/22 00:00	09/12/22 16:07
880-19118-92	SW-16	Solid	09/12/22 00:00	09/12/22 16:07
880-19118-93	SW-17	Solid	09/12/22 00:00	09/12/22 16:07
880-19118-94	SW-18	Solid	09/12/22 00:00	09/12/22 16:07
880-19118-95	SW-19	Solid	09/12/22 00:00	09/12/22 16:07



Chain of Custody

Work Order No: 19118

Page 1 of 10

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	☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund
State of Project:	
Reporting Level II	☐ Level III ☐ PST/UST ☐ FRP ☐ Level IV
Deliverables EDD	☐ ADAPT ☐ Other

Project Name:	South Vacuum Unit 351	☒ Routine ☐ Rush	Pres. Code		ANALYSIS REQUEST										Preservative Codes				
Project Number:	214801															None NO	DI Water H ₂ O		
Project Location:	Lea Co. NM	Due Date	Standard													Cool Cool	MeOH Me		
Sample's Name:	AG	TAT starts the day received by the lab if received by 4:30pm														HCL HC	HNO ₃ HN		
PO #:																H ₂ SO ₄ H ₂	NaOH Na		
SAMPLE RECEIPT				Temp Blank	Yes ☒ No ☐	Wet Ice	Yes ☒ No ☐									HOLD		H ₃ PO ₄ HP	
Received In tact:	Yes ☒ No ☐	Thermometer ID:	Yes ☒ No ☐											NaHSO ₄ NABIS					
Cooler Custody Seals:	Yes ☒ No ☐	Correction Factor:	Yes ☒ No ☐											Na ₂ S ₂ O ₃ NaSO ₃					
Sample Custody Seals:	Yes ☒ No ☐	Temperature Reading	Yes ☒ No ☐											Zn Acetate+NaOH Zn					
Total Containers:		Corrected Temperature:	3.0											NaOH+Ascorbic Acid SAPC					
Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont											Sample Comments		
CS-1 (4)	9/12/2022	-	X	-	C	1	X	X	X										
CS-2 (4)	9/12/2022	-	X	-	C	1	X	X	X										
CS-3 (4)	9/12/2022	-	X	-	C	1	X	X	X										
CS-4 (4)	9/12/2022	-	X	-	C	1	X	X	X										
CS-5 (4)	9/12/2022	-	X	-	C	1	X	X	X										
CS-6 (4)	9/12/2022	-	X	-	C	1	X	X	X										
CS-7 (4)	9/12/2022	-	X	-	C	1	X	X	X										
CS-8 (4)	9/12/2022	-	X	-	C	1	X	X	X										
CS-9 (4)	9/12/2022	-	X	-	C	1	X	X	X										
CS-10 (4)	9/12/2022	-	X	-	C	1	X	X	X										



860-19118 Chain of Custody

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	NTG	9/12/2022	2		
3		1007	4		
5			6		



Chain of Custody

Work Order No: 19118

Page 2 of 10

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

Project Name	South Vacuum Unit 351	☒ Routine ☐ Rush	Pres. Code						
Project Number	214801	Due Date	Standard						
Project Location	Lea Co. NM	TAT starts the day received by the lab if received by 4:30pm							
Sampler's Name	AG								
PO #									
SAMPLE RECEIPT		Temp Blank	Yes No	Wet Ice	Yes No				
Received Intact		Yes No	Thermometer ID						
Cooler Custody Seals		Yes No N/A	Correction Factor						
Sample Custody Seals		Yes No N/A	Temperature Reading						
Total Containers			Corrected Temperature						
Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont	Parameters		
CS-11 (4)	9/12/2022	-	X	-	C	1	X	X	X
CS-12 (4)	9/12/2022	-	X	-	C	1	X	X	X
CS-13 (4)	9/12/2022	-	X	-	C	1	X	X	X
CS-14 (4)	9/12/2022	-	X	-	C	1	X	X	X
CS-15 (4)	9/12/2022	-	X	-	C	1	X	X	X
CS-16 (4)	9/12/2022	-	X	-	C	1	X	X	X
CS-17 (4)	9/12/2022	-	X	-	C	1	X	X	X
CS-18 (4)	9/12/2022	-	X	-	C	1	X	X	X
CS-19 (4)	9/12/2022	-	X	-	C	1	X	X	X
CS-20 (4)	9/12/2022	-	X	-	C	1	X	X	X
ANALYSIS REQUEST									
BTX 8021B									
TPH 8015M (GRO + DRO + MRO)									
Chloride 300 0									
PRESERVATIVE CODES									
None NO DI Water H ₂ O									
Cool Cool MeOH Me									
HCL HC HNO ₃ HN									
H ₂ SO ₄ H ₂ NaOH Na									
H ₃ PO ₄ HP									
NaHSO ₄ NABIS									
Na ₂ S ₂ O ₃ NaSO ₃									
Zn Acetate+NaOH Zn									
NaOH+Ascorbic Acid SAPC									
Sample Comments									

Additional Comments:

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Relinquished by (Signature)	Received by (Signature)	Date/Time	Relinquished by (Signature)	Received by (Signature)	Date/Time
1 NH		9/12/22			2
3		1607			4
5					6



Chain of Custody

Work Order No: 19118

Page 3 of 10

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@ntglocal.com

Work Order Comments	
Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐	
State of Project:	
Reporting Level II ☐ Level III ☐ PST/UST ☐ RRP ☐ Level IV ☐	
Deliverables EDD ☐ ADAPT ☐ Other	

Project Name:	South Vacuum Unit 351	Turn Around	☒ Routine ☐ Rush	Pres. Code		ANALYSIS REQUEST												Preservative Codes		
Project Number:	214801	Due Date	Standard															None NO	DI Water H ₂ O	
Project Location	Lea Co. NM																	Cool Cool	MeOH Me	
Sampler's Name:	AG	TAT starts the day received by the lab if received by 4:30pm																HCL HC	HNO ₃ HN	
PO #																		H ₂ SO ₄ H ₂	NaOH Na	
SAMPLE RECEIPT	Temp Blank:	Yes	No	Wet Ice:	Yes	No													H ₃ PO ₄ HP	
Received Intact:	Yes	No	Thermometer ID															NaHSO ₄ NABIS		
Cooler Custody Seals:	Yes	No	Correction Factor															Na ₂ S ₂ O ₃ NaSO ₃		
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													Sample Comments	
CS-21 (4)	9/12/2022	-	X	-	C	1	X	X	X											
CS-22 (4)	9/12/2022	-	X	-	C	1	X	X	X											
CS-23 (4)	9/12/2022	-	X	-	C	1	X	X	X											
CS-24 (4)	9/12/2022	-	X	-	C	1	X	X	X											
CS-25 (4)	9/12/2022	-	X	-	C	1	X	X	X											
CS-26 (4)	9/12/2022	-	X	-	C	1	X	X	X											
CS-27 (4)	9/12/2022	-	X	-	C	1	X	X	X											
CS-28 (4)	9/12/2022	-	X	-	C	1	X	X	X											
CS-29 (4)	9/12/2022	-	X	-	C	1	X	X	X											
CS-30 (4)	9/12/2022	-	X	-	C	1	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	NTG	9/12/22			2
3		1007			4
5					6



Chain of Custody

Work Order No: 19118

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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 ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐	
State of Project:	
Reporting Level II ☐ Level III ☐ PST/UST ☐ RRP ☐ Level IV ☐	
Deliverables EDD ☐ ADAPT ☐ Other	

Project Name	South Vacuum Unit 351			Turn Around			Pres. Code	ANALYSIS REQUEST										Preservative Codes		
Project Number	214801			☒ Routine	☐ Rush												None NO	DI Water H ₂ O		
Project Location	Lea Co. NM			Due Date	Standard												Cool Cool	MeOH Me		
Sampler's Name	AG			TAT starts the day received by the lab if received by 4:30pm													HCL HC	HNO ₃ HN		
PO #:																	H ₂ SO ₄ H ₂	NaOH Na		
SAMPLE RECEIPT	Temp Blank	Yes	No	Yes	No	Wet Ice	Yes	No											H ₃ PO ₄ HP	
	Received Intact	Yes	No	Thermometer ID											NaHSO ₄ NABIS					
	Cooler Custody Seals	Yes	No	N/A	Correction Factor											Na ₂ S ₂ O ₃ NaSO ₃				
	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/Comp	# of Cont	BTEX 8021B										HOLD		
								TPH 8015M (GRO + DRO + MRO)												
								Chloride 300 0												
CS-31 (4)		9/12/2022	-	X	-	C	1	X	X	X										
CS-32 (4)		9/12/2022	-	X	-	C	1	X	X	X										
CS-33 (4)		9/12/2022	-	X	-	C	1	X	X	X										
CS-34 (4)		9/12/2022	-	X	-	C	1	X	X	X										
CS-35 (4)		9/12/2022	-	X	-	C	1	X	X	X										
CS-36 (4)		9/12/2022	-	X	-	C	1	X	X	X										
CS-37 (4)		9/12/2022	-	X	-	C	1	X	X	X										
CS-38 (4)		9/12/2022	-	X	-	C	1	X	X	X										
CS-39 (4)		9/12/2022	-	X	-	C	1	X	X	X										
CS-40 (4)		9/12/2022	-	X	-	C	1	X	X	X										
Sample Identification		Date	Time	Soil	Water	Grab/Comp	# of Cont	Sample Comments												

Additional Comments:

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Relinquished by (Signature)	Received by (Signature)	Date/Time	Relinquished by (Signature)	Received by (Signature)	Date/Time
1	NA	9/12/22			2
3		1007			4
5					6



Chain of Custody

Work Order No: 19118

Page 5 of 10

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	☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund
State of Project:	
Reporting Level II	☐ Level III ☐ PST/UST ☐ RRP ☐ Level IV
Deliverables, EDD	☐ ADAPT ☐ Other

Project Name	South Vacuum Unit 351	Turn Around		Pres. Code	ANALYSIS REQUEST										Preservative Codes		
Project Number	214801	☒ Routine	☐ Rush													None NO	DI Water H ₂ O
Project Location	Lea Co. NM	Due Date	Standard													Cool Cool	MeOH Me
Sample's Name	AG	TAT starts the day received by the lab if received by 4 30pm														HCL HC	HNO ₃ HN
PO #																H ₂ SO ₄ H ₂	NaOH Na
SAMPLE RECEIPT	Tamp Blank.	Yes	No	Wet Ice:	Yes	No										H ₃ PO ₄ HP	
Received Intact:	Yes	No		Thermometer ID:												NaHSO ₄ NABIS	
Cooler Custody Seals:	Yes	No	N/A	Correction Factor:												Na ₂ S ₂ O ₃ NaSO ₃	
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/ Comp	# of Cont	TPH										Sample Comments		
CS-41 (4)	9/12/2022	-	X	-	C	1	X	X	X										
CS-42 (4)	9/12/2022	-	X	-	C	1	X	X	X										
CS-43 (4)	9/12/2022	-	X	-	C	1	X	X	X										
CS-44 (4)	9/12/2022	-	X	-	C	1	X	X	X										
CS-45 (4)	9/12/2022	-	X	-	C	1	X	X	X										
CS-46 (4)	9/12/2022	-	X	-	C	1	X	X	X										
CS-47 (4)	9/12/2022	-	X	-	C	1	X	X	X										
CS-48 (4)	9/12/2022	-	X	-	C	1	X	X	X										
CS-49 (4)	9/12/2022	-	X	-	C	1	X	X	X										
CS-50 (4)	9/12/2022		X	-	C	1	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	NAH	9/12/22			2
3		1007			4
5					6



Chain of Custody

Work Order No: 19118

Page 6 of 10

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 ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐

State of Project:

Reporting Level II ☐ Level III ☐ PST/UST ☐ RRP ☐ Level IV ☐

Deliverables EDD ☐ ADAPT ☐ Other ☐

[illegible][illegible]

Additional Comments:

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Relinquished by (Signature)	Received by (Signature)	Date/Time	Relinquished by (Signature)	Received by (Signature)	Date/Time
1 		9/12/22	2		
3		1607	4		
5			6		



Chain of Custody

Work Order No: 19118

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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 ☐ PRP ☐ Brownfields ☐ RRC ☐ Upfund ☐	
State of Project:	
Reporting Level II ☐	Level III ☐
☐ PST/ ☐ UST ☐ TRRP ☐	Level IV ☐
Deliverables EDD ☐	Adapt ☐
Other	

Project Name		South Vacuum Unit 351		Turn Around		Pres. Code	ANALYSIS REQUEST												Preservative Codes			
Project Number	214801	☒ Routine	☐ Rush	Project Location	Lea Co. NM		Due Date	Standard											None NO	DI Water H ₂ O		
Sampler's Name:		AG		TAT starts the day received by the lab if received by 4:30pm														Cool Cool	MeOH Me			
PO #:																		HCL HC	HNO ₃ HN			
SAMPLE RECEIPT		Temp Blank:	Yes	No	Wet Ice	Yes	No													H ₂ SO ₄ H ₂	NaOH Na	
Received Intact:		Yes	No	Thermometer ID															H ₃ PO ₄ HP			
Cooler Custody Seals:		Yes	No	N/A	Correction Factor															NaHSO ₄ NABIS		
Sample Custody Seals:		Yes	No	N/A	Temperature Reading															Na ₂ S ₂ O ₃ NaSO ₃		
Total Containers:						Corrected Temperature															Zn Acetate+NaOH Zn	
Sample Identification		Date	Time	Soil	Water	Grab/Comp	# of Cont													Sample Comments		
CS-61 (4)		9/12/2022	-	X	-	C	1	X	X	X												
CS-62 (4)		9/12/2022	-	X	-	C	1	X	X	X												
CS-63 (4)		9/12/2022	-	X	-	C	1	X	X	X												
CS-64 (4)		9/12/2022	-	X	-	C	1	X	X	X												
CS-65 (4)		9/12/2022	-	X	-	C	1	X	X	X												
CS-66 (4)		9/12/2022	-	X	-	C	1	X	X	X												
CS-67 (4)		9/12/2022	-	X	-	C	1	X	X	X												
CS-68 (4)		9/12/2022	-	X	-	C	1	X	X	X												
CS-68 (4)		9/12/2022	-	X	-	C	1	X	X	X												
CS-69 (4)		9/12/2022	-	X	-	C	1	X	X	X												
CS-70 (4)		9/12/2022	-	X	-	C	1	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
		9/12/22			
		1607			



Chain of Custody

Work Order No: 19118

Page 8 of 10

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 ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐	
State of Project:	
Reporting Level II ☐ Level III ☐ PST/UST ☐ TRRP ☐ Level IV ☐	
Deliverables EDD ☐ ADAPT ☐ Other ☐	

Project Name	South Vacuum Unit 351	Turn Around	☒ Routine ☐ Rush	Pres. Code		
Project Number	214801	Due Date	Standard			
Project Location	Lea Co, NM	TAT starts the day received by the lab if received by 4:30pm				
Sampler's Name:	AG					
PO #:						
SAMPLE RECEIPT	Temp Blank	Yes	No	Wet Ice:	Yes	No
Received Intact:	Yes	No		Thermometer ID:		
Cooler Custody Seals:	Yes	No	N/A	Correction Factor:		
Sample Custody Seals:	Yes	No	N/A	Temperature Reading:		
Total Containers:		Corrected Temperature:				

Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont	Parameters	ANALYSIS REQUEST	Preservative Codes	Sample Comments
CS-71 (4)	9/12/2022	-	X	-	C	1	X	X	X	
CS-72 (4)	9/12/2022	-	X	-	C	1	X	X	X	
CS-73 (4)	9/12/2022	-	X	-	C	1	X	X	X	
CS-74 (4)	9/12/2022	-	X	-	C	1	X	X	X	
CS-75 (4)	9/12/2022	-	X	-	C	1	X	X	X	
CS-76 (4)	9/12/2022	-	X	-	C	1	X	X	X	
SW-1	9/12/2022	-	X	-	C	1	X	X	X	
SW-2	9/12/2022	-	X	-	C	1	X	X	X	
SW-3	9/12/2022	-	X	-	C	1	X	X	X	
SW-4	9/12/2022	-	X	-	C	1	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
		9/12/22			
		1007			



Chain of Custody

Work Order No: 19118

Page 9 of 10

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	PRP
State of Project:	Brownfields
Reporting Level II	Level III
Deliverables	EDD
	ADAPT
	Other

Project Name	South Vacuum Unit 351	Turn Around	☒ Routine ☐ Rush	Pres. Code	
Project Number	214801	Due Date	Standard		
Project Location	Lea Co. NM				
Sampler's Name	AG	TAT starts the day received by the lab if received by 4:30pm			
PO #					
SAMPLE RECEIPT					
Received Intact:	Yes No	Temp Blank:	Yes No	Wet Ice:	Yes No
Cooler Custody Seals:	Yes No N/A	Thermometer ID:			
Sample Custody Seals:	Yes No N/A	Correction Factor:			
Total Containers:		Temperature Reading			
		Corrected Temperature:			

Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont	Parameters										Sample Comments
							BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 300 0								
SW-5	9/12/2022	-	X	-	C	1	X	X	X								
SW-6	9/12/2022	-	X	-	C	1	X	X	X								
SW-7	9/12/2022	-	X	-	C	1	X	X	X								
SW-8	9/12/2022	-	X	-	C	1	X	X	X								
SW-9	9/12/2022	-	X	-	C	1	X	X	X								
SW-10	9/12/2022	-	X	-	C	1	X	X	X								
SW-11	9/12/2022	-	X	-	C	1	X	X	X								
SW-12	9/12/2022	-	X	-	C	1	X	X	X								
SW-13	9/12/2022	-	X	-	C	1	X	X	X								
SW-14	9/12/2022	-	X	-	C	1	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
		9/12/2022			2
		1607			4
					6



Chain of Custody

Work Order No: 19118

Page 10 of 10

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 ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐	
State of Project:	
Reporting Level II ☐ Level III ☐ PST/UST ☐ TRRP ☐ Level IV ☐	
Deliverables EDD ☐ ADaPT ☐ Other ☐	

Project Name	South Vacuum Unit 3S1		Turn Around										Preservative Codes				
Project Number	214801		☒ Routine	☐ Rush									None	NO	DI Water	H ₂ O	
Project Location	Lea Co., NM		Due Date	Standard									Cool	Cool	MeOH	Me	
Sampler's Name	AG		TAT starts the day received by the lab if received by 4:30pm										HCL	HC	HNO ₃	HN	
PO #:													H ₂ SO ₄	H ₂	NaOH	Na	
SAMPLE RECEIPT			Temp Blank.	Yes	No	Wet Ice.	Yes	No									
Received Intact:			Yes	No	Thermometer ID												
Cooler Custody Seals.			Yes	No	N/A	Correction Factor											
Sample Custody Seals.			Yes	No	N/A	Temperature Reading											
Total Containers.						Corrected Temperature:											
Parameters										ANALYSIS REQUEST							
BTX 8021B																	
8015M (GRO + DRO + MRO)																	
Chloride 300 0																	
HOLD																	
H ₃ PO ₄ , HP																	
NaHSO ₄ , NABIS																	
Na ₂ S ₂ O ₃ , NaSO ₃																	
Zn Acetate+NaOH Zn																	
NaOH+Ascorbic Acid SAPC																	

[illegible]

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 		9/12/20	2		
3		1007	4		
5			6		

Login Sample Receipt Checklist

Client: NT Global

Job Number: 880-19118-1

SDG Number: Lea Co, NM

Login Number: 19118

List Number: 1

Creator: Rodriguez, Leticia

List Source: Eurofins Midland

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

Login Sample Receipt Checklist

Client: NT Global

Job Number: 880-19118-1

SDG Number: Lea Co, NM

Login Number: 19118

List Number: 2

Creator: Bolch, Taylor

List Source: Eurofins Houston

List Creation: 09/15/22 02:01 PM

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

Login Sample Receipt Checklist

Client: NT Global

Job Number: 880-19118-1

SDG Number: Lea Co, NM

Login Number: 19118

List Number: 3

Creator: Palmar, Pedro

List Source: Eurofins Houston

List Creation: 09/16/22 02:59 PM

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

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Phone:(575) 393-6161 Fax:(575) 393-0720

District II
811 S. First St., Artesia, NM 88210
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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 160566

CONDITIONS

Operator: Catena Resources Operating, LLC 1001 Fannin Street Houston, TX 77002	OGRID: 328449
	Action Number: 160566
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
jnobui	Closure Report Approved.	12/19/2022