State of New Mexico
Oil Conservation Division

Incident ID	nAPP2135150329
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: Jennifer Nobui Date: 12/16/2022

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: **Remedial Action and Closure Report**
Hamon State #1
Catena Resources, LLC
Site Location: Unit K, S27, T18S, R35E
(Lat 32.7175827º, Long -103.4464035°)
Lea County, New Mexico
Incident # nAPP2135150329

Dear Mr. Bratcher:

On behalf of Catena Resources, LLC (Catena), New Tech Global Environmental, LLC (NTGE) has prepared this letter to document site assessment activities related to a release at the Hamon State #1 location (Site) on April 19, 2021. The Site is located in Lea County approximately 18.6 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 April 19, 2019 and was a result of equipment failure at the wellhead. The equipment failure resulted in the release of approximately 6 barrels (bbls) of crude oil and 28 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,3 known water sources are located within a ½ mile radius of the Site; however, none of the three wells were drilled in the past 25 years. The nearest identified well was drilled in 1958 and is located approximately 0.09 miles northeast of the Site. The well has a reported depth to groundwater of 65 feet below ground surface (ft bgs). A copy of the site characterization information and associated *Point of Diversion Summary* report for the nearest water well is attached.

Regulatory Criteria

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

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

Site Assessment

Site assessment activities were conducted over three events from October 2021 to February 2022 to fully characterize and delineate the extent of impacts resulting from the release. The assessment identified total petroleum hydrocarbon (TPH) and chloride impacts extending to depths ranging from 4 to 5 ft bgs. Complete details of NTGE's site assessment activities are documented in NTGE's previously submitted and approved *Work Plan*, dated March 14, 2022.

Remedial Action Activities and Confirmation Sampling

In accordance with the Work Plan, NTGE proceeded with remedial action activities at the Site to include the excavation and disposal of impacted soils above regulatory limits. Soils were field screened throughout the excavation activities to aide in determining the final excavation extent. Excavation base and sidewall samples were collected to ensure impacted soil was removed. The confirmation samples were collected in accordance with the one sample per 200 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.

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
Final C-141
Laboratory Report and Chain-of-Custody Documents

Table

Table 1. Soil Analytical Results - Excavation Confirmation Samples
Catena Resources, LLC
Hamon State No. 1
Lea County, New Mexico

Sample ID	Date	Sample Depth (ft)	TPH (mg/kg)				Benzene (mg/kg)	Toluene (mg/kg)	Ethlybenzene (mg/kg)	Xylenes (mg/kg)	Total BTEX (mg/kg)	Chloride (mg/kg)
			GRO	DRO	ORO	Total						
Base Samples												
CS-1	9/23/2022	5	<50.0	<50.0	<50.0	<50.0	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	195
CS-2	9/23/2022	5	<49.8	<49.8	<49.8	<49.8	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	84.0
CS-3	9/23/2022	5	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	229
CS-4	9/23/2022	5	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	66.9
CS-5	9/23/2022	5	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	159
CS-6	9/23/2022	5	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	169
CS-7	9/23/2022	5	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	158
CS-8	9/23/2022	5	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	195
CS-9	9/23/2022	5	<50.0	<50.0	<50.0	<50.0	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	157
CS-10	9/23/2022	5	<49.9	<49.9	<49.9	<49.9	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	216
CS-11	9/23/2022	5	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	56.8
CS-12	9/23/2022	5	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	66.6
CS-13	9/23/2022	5	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	68.2
CS-14	9/23/2022	5	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	59.1
CS-15	9/23/2022	5	<49.9	<49.9	<49.9	<49.9	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	55.0
CS-16	9/23/2022	5	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	37.5
CS-17	9/23/2022	5	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	62.4
CS-18	9/23/2022	5	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	64.0
CS-19	9/23/2022	5	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	69.5
CS-20	9/23/2022	5	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	61.7
CS-21	9/23/2022	5	<50.0	<50.0	<50.0	<50.0	<0.00200	0.00235	<0.00200	<0.00399	<0.00399	68.6
CS-22	9/23/2022	5	<49.8	<49.8	<49.8	<49.8	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	69.4
CS-23	9/23/2022	5	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	62.2
CS-24	9/23/2022	5	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	106
CS-25	9/23/2022	5	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	82.5
CS-26	9/23/2022	5	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	67.0
CS-27	9/23/2022	5	<50.0	<50.0	<50.0	<50.0	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	117
CS-28	9/23/2022	5	<49.9	<49.9	<49.9	<49.9	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	64.5
CS-29	9/23/2022	5	<50.0	<50.0	<50.0	<50.0	<0.00202	<0.00202	<0.00202	<0.00403	<0.00403	60.6
CS-30	9/23/2022	5	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	74.2
CS-31	9/23/2022	5	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	104

CS-32	9/23/2022	5	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	59.6
CS-33	9/23/2022	5	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	60.2
CS-34	9/23/2022	5	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	92.4
CS-35	9/23/2022	5	<49.9	<49.9	<49.9	<49.9	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	80.4
CS-36	9/23/2022	5	<50.0	<50.0	<50.0	<50.0	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	102
CS-37	9/23/2022	6	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	111
CS-38	9/23/2022	6	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	64.6
CS-39	9/23/2022	6	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	69.0
CS-40	9/23/2022	6	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	72.7
Sidewall Samples												
SW-1	9/23/2022	--	<50.0	<50.0	<50.0	<50.0	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	104
SW-2	9/23/2022		<49.8	<49.8	<49.8	<49.8	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	122
SW-3	9/23/2022	--	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	88.2
SW-4	9/23/2022	--	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	109
SW-5	9/23/2022	--	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	78.8
SW-6	9/23/2022	--	<50.0	<50.0	<50.0	<50.0	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	117
SW-7	9/23/2022	--	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	125
SW-8	9/23/2022	--	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	122
SW-9	9/23/2022	--	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	112
SW-10	9/23/2022	--	<49.9	<49.9	<49.9	<49.9	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	90
SW-11	9/23/2022	--	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	110
SW-12	9/23/2022	--	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	138
SW-13	9/23/2022	--	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	156
SW-14	9/23/2022	--	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	135
SW-15	9/23/2022	--	<50.0	<50.0	<50.0	<50.0	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	80.7
SW-16	9/23/2022	--	<50.0	<50.0	<50.0	<50.0	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	131
SW-17	9/23/2022	--	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	86.7
SW-18	9/23/2022	--	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	139
SW-19	9/23/2022	--	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	85.7
Regulatory Limits[A]			-	-	-	**100**	**10**	-	-	-	**50**	**600**

mg/kg - milligram per kilogram

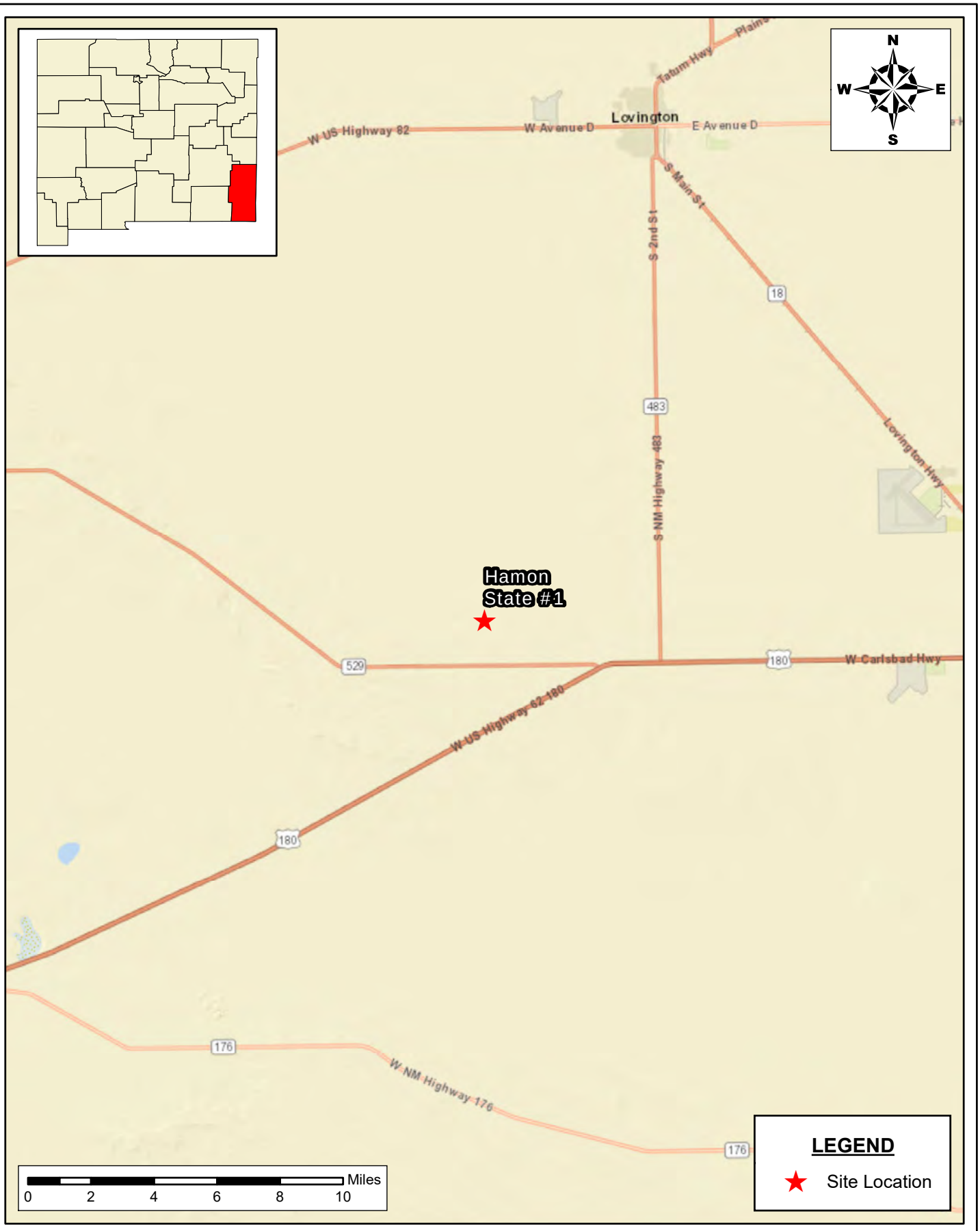
GRO - gasoline range organics

DRO - diesel range organics

ORO - oil range organics

A – Table 1 - 19.15.29 NMAC

Figures



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SITE LOCATION MAP
CATENA RESOURCES, LLC
HAMON STATE #1
LEA COUNTY, NEW MEXICO
32.7175827, -103.4464035

SCALE: As Shown | Date: 12/8/2021 | PROJECT #: 214798

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

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

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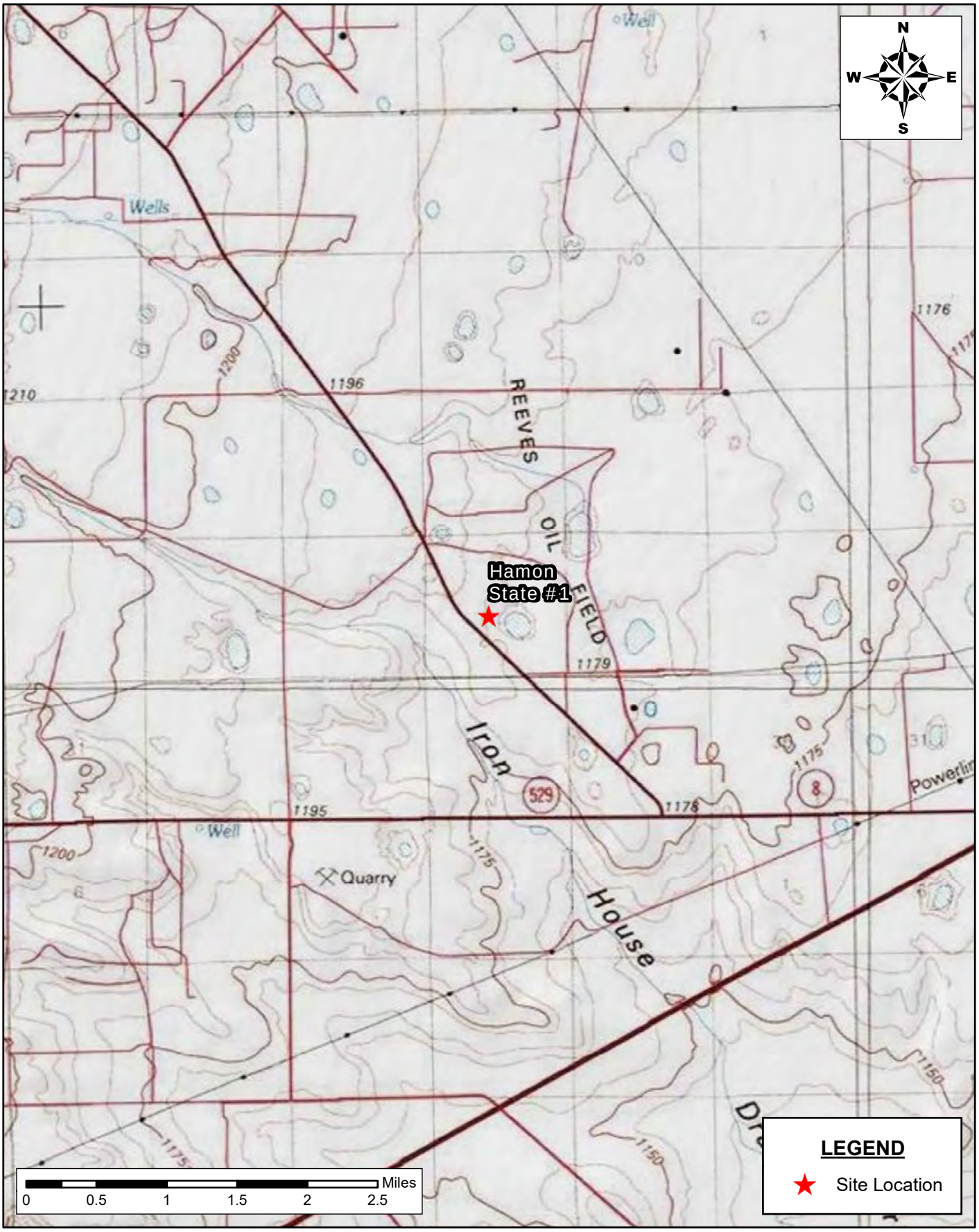
FIGURE 1
SHEET NUMBER:
1 of 1



AREA MAP
CATENA RESOURCES, LLC
HAMON STATE #1
LEA COUNTY, NEW MEXICO
32.7175827, -103.4464035

SCALE: As Shown | Date: 12/8/2021 | PROJECT #: 214798

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

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FIGURE 2
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1 of 1

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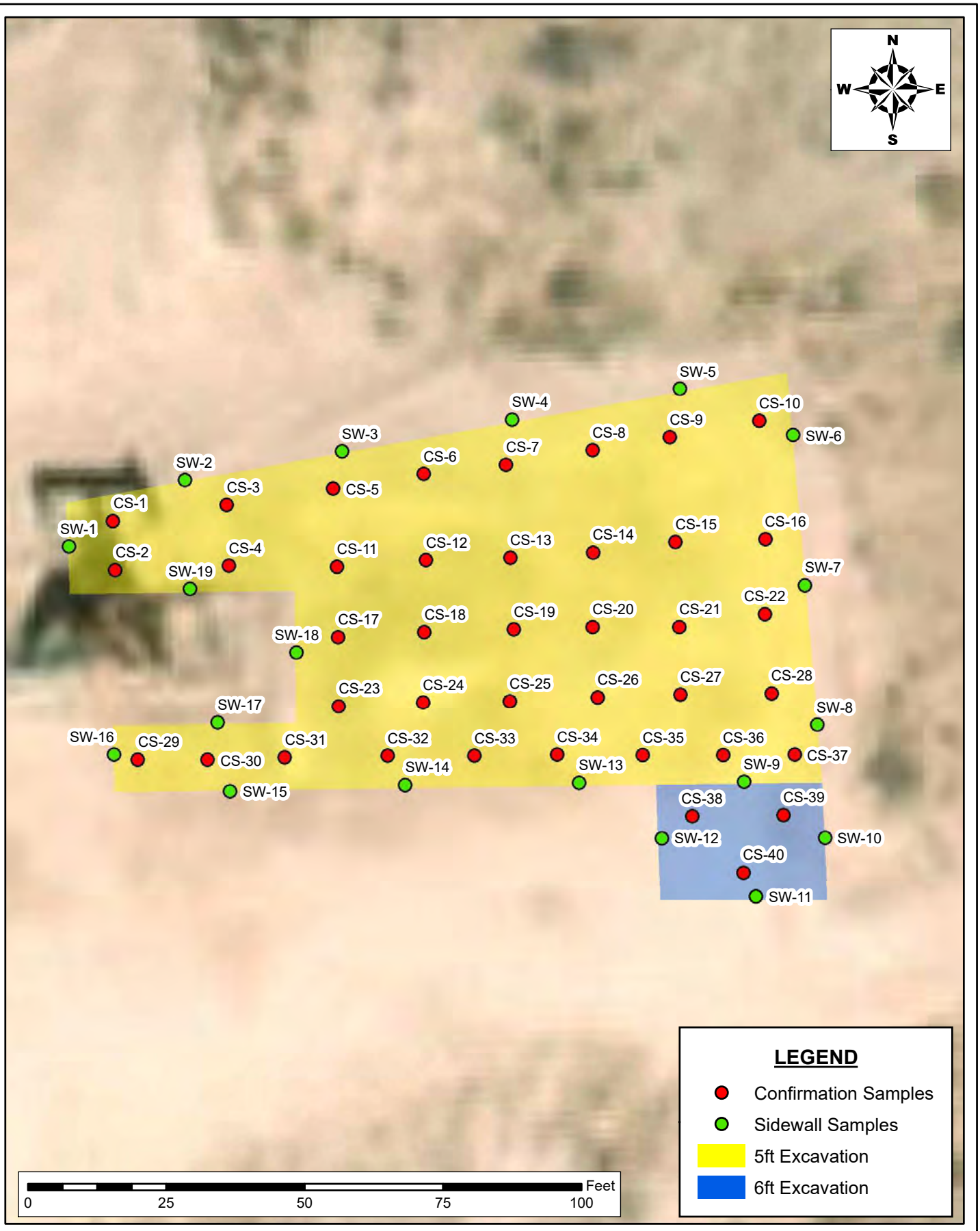

EXCAVATION CONFIRMATION AND SAMPLE LOCATION MAP
CLOSURE REPORT
HAMON STATE #1
CATENA RESOURCES. LLC
LEA COUNTY, NEW MEXICO

SCALE: As Shown | Date: 11/11/2022 | PROJECT #: 214798

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

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

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FIGURE 3
SHEET NUMBER:
1 of 1

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Photographic Log

PHOTOGRAPHIC LOG

Catena Resources

Photograph No. 1

Facility: Hamon State #001

County: Lea County, New Mexico

Description:
View of final excavation.

Photograph No. 2

Facility: Hamon State #001

County: Lea County, New Mexico

Description:
View of final excavation.

Photograph No. 3

Facility: Hamon State #001

County: Lea County, New Mexico

Description:
View of final excavation.

PHOTOGRAPHIC LOG

Catena Resources

Photograph No. 4

Facility: Hamon State #001

County: Lea County, New Mexico

Description:
View of final excavation.

Photograph No. 5

Facility: Hamon State #001

County: Lea County, New Mexico

Description:
View of final excavation.

Photograph No. 6

Facility: Hamon State #001

County: Lea County, New Mexico

Description:
View of final excavation.

PHOTOGRAPHIC LOG

Catena Resources

Photograph No. 7

Facility: Hamon State #001

County: Lea County, New Mexico

Description:
View of final excavation.

Photograph No. 8

Facility: Hamon State #001

County: Lea County, New Mexico

Description:
View of final excavation.

Photograph No. 9

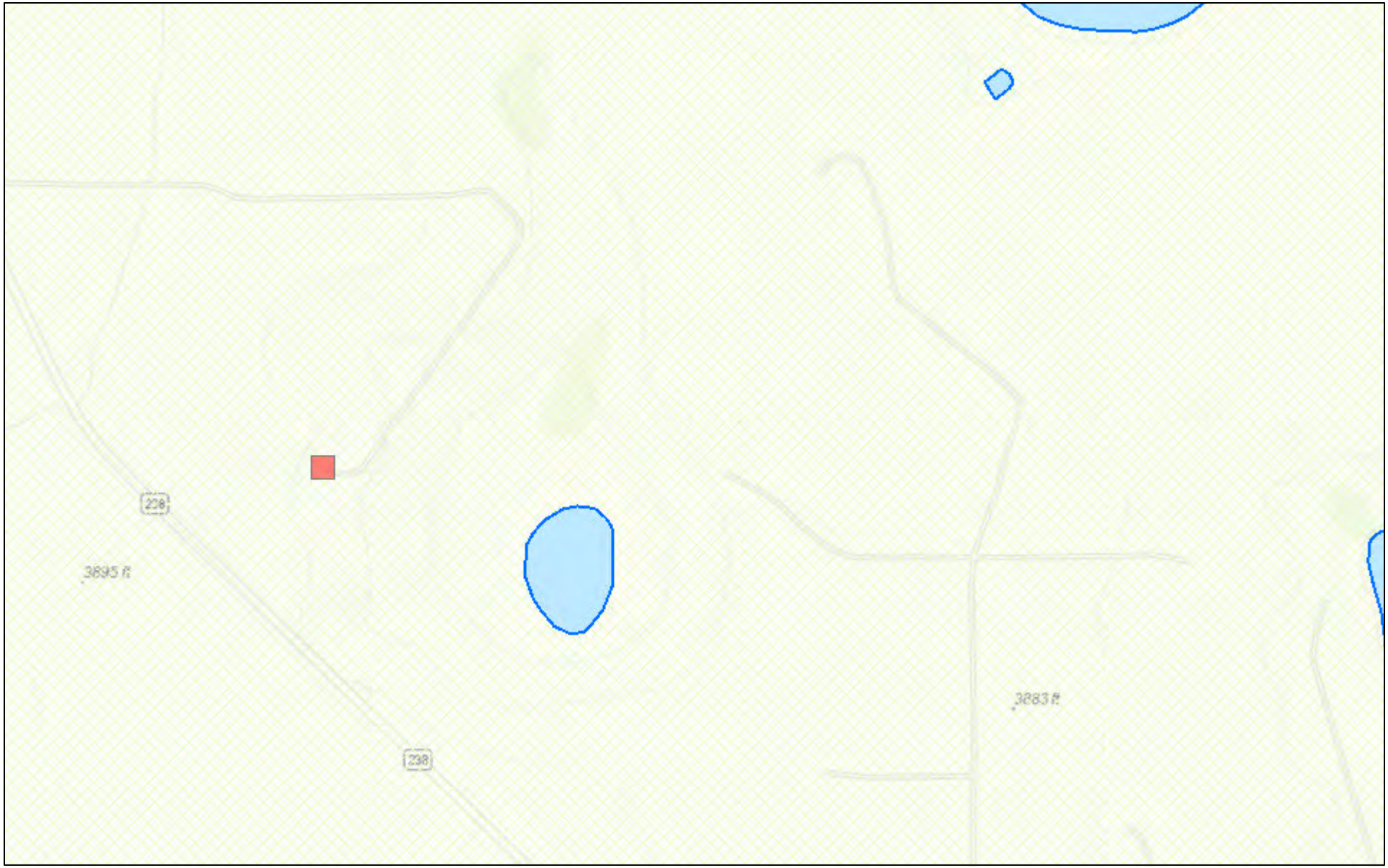
Facility: Hamon State #001

County: Lea County, New Mexico

Description:
View of final excavation.

Site Characterization Information

New Mexico NFHL Data



October 26, 2021

1:9,028

0 0.075 0.15 0.3 mi

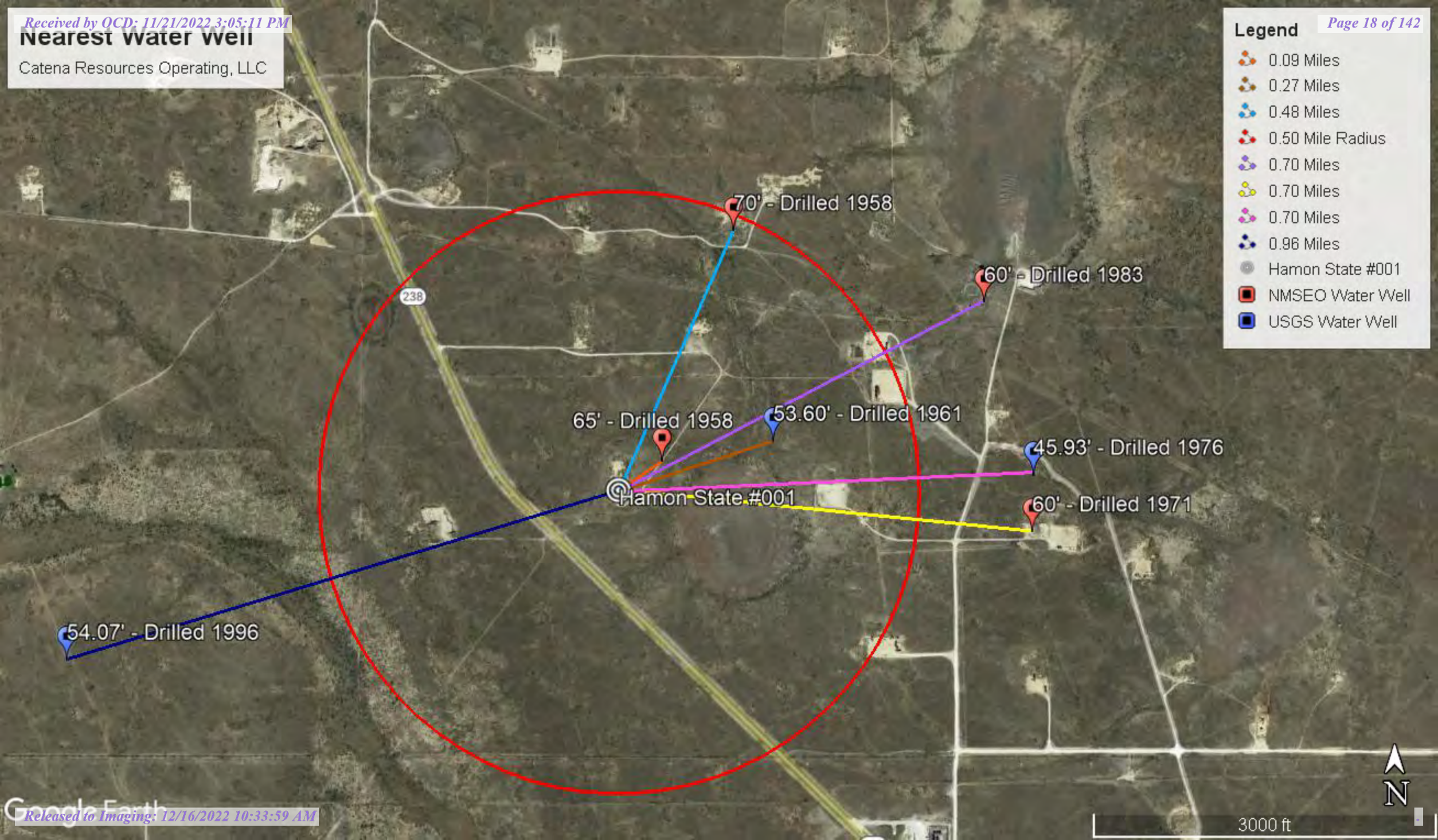
0 0.1 0.2 0.4 km

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

nmflood.org is made possible through a collaboration with NMDHSEM, EDAC, and FEMA
This is a non-regulatory product for informational use only. Please consult your local floodplain administrator for further information.

Nearest Water Well

Catena Resources Operating, LLC



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	Twp	Rng	X	Y
	L 06869		1	3	26	18S	35E	646717	3620966*

Driller License: 531 **Driller Company:** GRIFFIN WATER WELL SERVICE

Driller Name:

Drill Start Date:	11/09/1971	**Drill Finish Date:**	11/11/1971	**Plug Date:**	12/21/1972
Log File Date:	11/16/1971	**PCW Rcv Date:**		**Source:**	Shallow
Pump Type:		**Pipe Discharge Size:**		**Estimated Yield:**	
Casing Size:	7.00	**Depth Well:**	125 feet	**Depth Water:**	60 feet

Water Bearing Stratifications:	Top	Bottom	Description
	70	125	Sandstone/Gravel/Conglomerate

Casing Perforations:	Top	Bottom
	105	125

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

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	Twp	Rng	X	Y
NA	L 09373	3	1	1	26	18S	35E	646580	3621579

Driller License: 208 **Driller Company:** VAN NOY, W.L.

Driller Name: VAN NOY, W.L.

Drill Start Date: 11/14/1983 **Drill Finish Date:** 11/19/1983 **Plug Date:**

Log File Date: 12/02/1983 **PCW Rcv Date:** **Source:** Shallow

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

Casing Size: 6.63 **Depth Well:** 120 feet **Depth Water:** 60 feet

Water Bearing Stratifications:	Top	Bottom	Description
	20	120	Other/Unknown

New Mexico Office of the State Engineer

Point of Diversion Summary

Well Tag	POD Number	(quarters are 1=NW 2=NE 3=SW 4=SE) (quarters are smallest to largest) Q64 Q16 Q4	Sec	Twws	Rng	(NAD83 UTM in meters) X	Y
	L 03783		27	18S	35E	645710	3621138*

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

Driller Name: MUSSELWHITE, O.R.

Drill Start Date:	02/10/1958	**Drill Finish Date:**	02/11/1958	**Plug Date:**	08/26/1958
Log File Date:	05/01/1958	**PCW Rcv Date:**		**Source:**	Shallow
Pump Type:		**Pipe Discharge Size:**		**Estimated Yield:**	
Casing Size:	7.00	**Depth Well:**	115 feet	**Depth Water:**	65 feet

Water Bearing Stratifications:	Top	Bottom	Description
	70	105	Sandstone/Gravel/Conglomerate

Casing Perforations:	Top	Bottom
	70	115

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

New Mexico Office of the State Engineer

Point of Diversion Summary

Well Tag	POD Number	(quarters are 1=NW 2=NE 3=SW 4=SE) (quarters are smallest to largest) Q64	Q16	Q4	Sec	Twn	Rng	(NAD83 UTM in meters) X	Y
	L 03963	1	2		27	18S	35E	645896	3621762*

Driller License: 46 **Driller Company:** ABBOTT BROTHERS COMPANY

Driller Name:

Drill Start Date:	08/09/1958	**Drill Finish Date:**	08/09/1958	**Plug Date:**	
Log File Date:	08/13/1958	**PCW Rcv Date:**		**Source:**	Shallow
Pump Type:		**Pipe Discharge Size:**		**Estimated Yield:**	
Casing Size:	7.00	**Depth Well:**	127 feet	**Depth Water:**	70 feet

Water Bearing Stratifications:	Top	Bottom	Description
	70	127	Sandstone/Gravel/Conglomerate

Casing Perforations:	Top	Bottom
	70	127

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

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- 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 =
- 324305103260401

Minimum number of levels = 1
Save file of selected sites to local disk for future upload

USGS 324305103260401 18S.35E.26.11330

Lea County, New Mexico
Latitude 32°43'05", Longitude 103°26'04" NAD27
Land-surface elevation 3,882 feet above NAVD88
The depth of the well is 80 feet below land surface.
This well is completed in the High Plains aquifer (N100HGHPLN) 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
1971-01-20		D	62610		3834.42	NGVD29	3	Z			A
1971-01-20		D	62611		3835.99	NAVD88	3	Z			A
1971-01-20		D	72019	46.01			3	Z			A
1976-02-10		D	62610		3834.50	NGVD29	1	Z			A
1976-02-10		D	62611		3836.07	NAVD88	1	Z			A
1976-02-10		D	72019	45.93			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
Status	3	True value is above reported value due to local conditions
Method of measurement	Z	Other.
Measuring agency		Not determined
Source of measurement		Not determined
Water-level approval status	A	Approved for publication -- Processing and review completed.

Questions about sites/data?
Feedback on this web site
Automated retrievals
Help
Data Tips
Explanation of terms
Subscribe for system changes
News

Accessibility FOIA Privacy Policies and Notices

U.S. Department of the Interior | U.S. Geological Survey

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 13:58:27 EDT
0.35 0.31 nadww01

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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 =
- 324308103263101

Minimum number of levels = 1
Save file of selected sites to local disk for future upload

USGS 324308103263101 18S.35E.27.21321

Lea County, New Mexico
Latitude 32°43'08", Longitude 103°26'31" NAD27
Land-surface elevation 3,871 feet above NAVD88
The depth of the well is 127 feet below land surface.
This well is completed in the High Plains aquifer (N100HGHPLN) 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
1961-02-16		D	62610		3815.83	NGVD29	1	Z			A
1961-02-16		D	62611		3817.40	NAVD88	1	Z			A
1961-02-16		D	72019	53.60			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.
Measuring agency		Not determined
Source of measurement		Not determined
Water-level approval status	A	Approved for publication -- Processing and review completed.

Subscribe for system changes
News

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 13:55:06 EDT
0.34 0.3 nadww02

National Water Information System: Web Interface

USGS Water Resources

Data Category: Groundwater | Geographic Area: New Mexico | GO

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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 =
- 324249103274401

Minimum number of levels = 1
Save file of selected sites to local disk for future upload

USGS 324249103274401 18S.35E.28.32210

Lea County, New Mexico
Latitude 32°42'49", Longitude 103°27'44" NAD27
Land-surface elevation 3,910 feet above NAVD88
This well is completed in the High Plains aquifer (N100HGHPLN) 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
1961-03-30		D	62610		3856.39	NGVD29	1	Z			A
1961-03-30		D	62611		3857.98	NAVD88	1	Z			A
1961-03-30		D	72019	52.02			1	Z			A
1966-03-11		D	62610		3858.28	NGVD29	3	Z			A
1966-03-11		D	62611		3859.87	NAVD88	3	Z			A
1966-03-11		D	72019	50.13			3	Z			A
1971-01-20		D	62610		3858.73	NGVD29	3	Z			A
1971-01-20		D	62611		3860.32	NAVD88	3	Z			A
1971-01-20		D	72019	49.68			3	Z			A
1976-02-10		D	62610		3859.14	NGVD29	1	Z			A
1976-02-10		D	62611		3860.73	NAVD88	1	Z			A
1976-02-10		D	72019	49.27			1	Z			A
1981-03-06		D	62610		3857.76	NGVD29	1	Z			A
1981-03-06		D	62611		3859.35	NAVD88	1	Z			A
1981-03-06		D	72019	50.65			1	Z			A
1986-04-01		D	62610		3856.41	NGVD29	1	Z			A
1986-04-01		D	62611		3858.00	NAVD88	1	Z			A
1986-04-01		D	72019	52.00			1	Z			A
1991-04-10		D	62610		3855.85	NGVD29	1	Z			A
1991-04-10		D	62611		3857.44	NAVD88	1	Z			A
1991-04-10		D	72019	52.56			1	Z			A
1996-02-15		D	62610		3854.34	NGVD29	1	S			A
1996-02-15		D	62611		3855.93	NAVD88	1	S			A
1996-02-15		D	72019	54.07			1	S			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
Status	3	True value is above reported value due to local conditions
Method of measurement	S	Steel-tape measurement.
Method of measurement	Z	Other.
Measuring agency		Not determined
Source of measurement		Not determined
Water-level approval status	A	Approved for publication -- Processing and review completed.

Final 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

eurofins | Environment Testing America

ANALYTICAL REPORT

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

Laboratory Job ID: 880-19596-1
Laboratory Sample Delivery Group: Lea Co, NM
Client Project/Site: Hamon State #001

For:
NT Global
701 Tradewinds Blvd
Midland, Texas 79706

Attn: Gordon Banks

JKramer

Authorized for release by:
10/7/2022 9:18:55 PM

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

Client: NT Global
Project/Site: Hamon State #001

Laboratory Job ID: 880-19596-1
SDG: Lea Co, NM

Table of Contents

Definitions/Glossary

Client: NT Global
Project/Site: Hamon State #001

Job ID: 880-19596-1
SDG: Lea Co, NM

Qualifiers

GC VOA

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

GC Semi VOA

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

HPLC/IC

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

Glossary

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

Case Narrative

Client: NT Global
Project/Site: Hamon State #001

Job ID: 880-19596-1
SDG: Lea Co, NM

Job ID: 880-19596-1

Laboratory: Eurofins Midland

Narrative

Job Narrative
880-19596-1

Receipt
The samples were received on 9/23/2022 2:22 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 1.6°C

GC VOA
Method 8021B: Surrogate recovery for the following samples were outside control limits: CS-1 (5') (880-19596-1), CS-2 (5') (880-19596-2), CS-3 (5') (880-19596-3), CS-4 (5') (880-19596-4), CS-6 (5') (880-19596-6), CS-7 (5') (880-19596-7), CS-8 (5') (880-19596-8), CS-9 (5') (880-19596-9), CS-10 (5') (880-19596-10), CS-11 (5') (880-19596-11), CS-12 (5') (880-19596-12), CS-13 (5') (880-19596-13), CS-14 (5') (880-19596-14), CS-15 (5') (880-19596-15), CS-16 (5') (880-19596-16), CS-17 (5') (880-19596-17), CS-18 (5') (880-19596-18), CS-19 (5') (880-19596-19), CS-20 (5') (880-19596-20), (LCS 880-36081/1-A), (LCSD 880-36081/2-A), (MB 880-36081/5-A), (880-19596-A-1-H MS) and (880-19596-A-1-G MSD). Evidence of matrix interferences is not obvious.

Method 8021B: The laboratory control sample (LCS) associated with preparation batch 880-36082 and analytical batch 880-36224 was outside acceptance criteria. Re-extraction and/or re-analysis could not be performed; therefore, the data have been reported. The batch matrix spike/matrix spike duplicate (MS/MSD) was within acceptance limits and may be used to evaluate matrix performance.

Method 8021B: Surrogate recovery for the following samples were outside control limits: CS-21 (5') (880-19596-21), CS-22 (5') (880-19596-22), CS-23 (5') (880-19596-23), CS-24 (5') (880-19596-24), CS-25 (5') (880-19596-25), CS-26 (5') (880-19596-26), CS-27 (5') (880-19596-27), CS-28 (5') (880-19596-28), CS-29 (5') (880-19596-29), CS-30 (5') (880-19596-30), CS-31 (5') (880-19596-31), CS-32 (5') (880-19596-32), CS-33 (5') (880-19596-33), CS-34 (5') (880-19596-34), CS-35 (5') (880-19596-35), CS-36 (5') (880-19596-36), CS-37 (5') (880-19596-37), CS-38 (6') (880-19596-38), CS-39 (6') (880-19596-39), CS-40 (6') (880-19596-40), (LCS 880-36082/1-A), (LCSD 880-36082/2-A), (880-19596-A-21-G MS) and (880-19596-A-21-H MSD). Evidence of matrix interferences is not obvious.

Method 8021B: The surrogate recovery for the blank associated with preparation batch 880-36083 and analytical batch 880-36326 was outside the upper control limits.

Method 8021B: Surrogate recovery for the following sample was outside control limits: SW-14 (880-19596-54). Evidence of matrix interferences is not obvious.

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

GC Semi VOA
Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: (LCS 880-35452/2-A) and (LCSD 880-35452/3-A). Evidence of matrix interferences is not obvious.

Method 8015MOD_NM: The laboratory control sample (LCS) associated with preparation batch 880-35452 and analytical batch 880-35462 was outside acceptance criteria. Re-extraction and/or re-analysis could not be performed; therefore, the data have been reported. The batch matrix spike/matrix spike duplicate (MS/MSD) was within acceptance limits and may be used to evaluate matrix performance.

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: (LCS 880-35476/2-A) and (LCSD 880-35476/3-A). Evidence of matrix interferences is not obvious.

Method 8015MOD_NM: The laboratory control sample (LCS) associated with preparation batch 880-35476 and analytical batch 880-35544 was outside acceptance criteria. Re-extraction and/or re-analysis could not be performed; therefore, the data have been reported. The batch matrix spike/matrix spike duplicate (MS/MSD) was within acceptance limits and may be used to evaluate matrix performance.

Method 8015MOD_NM: Surrogate recovery for the following sample was outside control limits: (880-19596-A-41-F MSD). Evidence of

Case Narrative

Client: NT Global
Project/Site: Hamon State #001

Job ID: 880-19596-1
SDG: Lea Co, NM

Job ID: 880-19596-1 (Continued)

Laboratory: Eurofins Midland (Continued)

matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8015MOD_NM: Surrogate recovery for the following sample was outside control limits: SW-6 (880-19596-46). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8015MOD_NM: Surrogate recovery for the following sample was outside control limits: SW-19 (880-19596-59). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

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

HPLC/IC

Method 300_ORGFM_28D: The matrix spike / matrix spike duplicate (MS/MSD) recoveries and precision for preparation batch 880-35290 and analytical batch 880-35528 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.

Method 300_ORGFM_28D: The matrix spike / matrix spike duplicate (MS/MSD) recoveries and precision for preparation batch 880-35291 and analytical batch 880-35530 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.

Method 300_ORGFM_28D: The matrix spike / matrix spike duplicate (MS/MSD) recoveries and precision for preparation batch 880-35292 and analytical batch 880-35531 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: Hamon State #001

Job ID: 880-19596-1
SDG: Lea Co, NM

Client Sample ID: CS-1 (5')

Date Collected: 09/23/22 00:00
Date Received: 09/23/22 14:22

Lab Sample ID: 880-19596-1
Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		10/04/22 16:34	10/05/22 19:44	1
Toluene	<0.00201	U	0.00201		mg/Kg		10/04/22 16:34	10/05/22 19:44	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		10/04/22 16:34	10/05/22 19:44	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		10/04/22 16:34	10/05/22 19:44	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		10/04/22 16:34	10/05/22 19:44	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		10/04/22 16:34	10/05/22 19:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*157*	*S1+*	*70 - 130*	*10/04/22 16:34*	*10/05/22 19:44*	*1*
1,4-Difluorobenzene (Surr)	*79*		*70 - 130*	*10/04/22 16:34*	*10/05/22 19:44*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			10/06/22 09:04	1

Method: SW846 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			09/28/22 09:33	1

Method: SW846 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		09/26/22 16:47	09/27/22 12:24	1
Diesel Range Organics (Over C10-C28)	<50.0	U *+	50.0		mg/Kg		09/26/22 16:47	09/27/22 12:24	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		09/26/22 16:47	09/27/22 12:24	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*103*		*70 - 130*	*09/26/22 16:47*	*09/27/22 12:24*	*1*
o-Terphenyl	*111*		*70 - 130*	*09/26/22 16:47*	*09/27/22 12:24*	*1*

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**195**	**F1 F2**	5.05		mg/Kg			09/27/22 20:27	1

Client Sample ID: CS-2 (5')

Date Collected: 09/23/22 00:00
Date Received: 09/23/22 14:22

Lab Sample ID: 880-19596-2
Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		10/04/22 16:34	10/05/22 20:10	1
Toluene	<0.00198	U	0.00198		mg/Kg		10/04/22 16:34	10/05/22 20:10	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		10/04/22 16:34	10/05/22 20:10	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		10/04/22 16:34	10/05/22 20:10	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		10/04/22 16:34	10/05/22 20:10	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		10/04/22 16:34	10/05/22 20:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*156*	*S1+*	*70 - 130*	*10/04/22 16:34*	*10/05/22 20:10*	*1*
1,4-Difluorobenzene (Surr)	*79*		*70 - 130*	*10/04/22 16:34*	*10/05/22 20:10*	*1*

Client Sample Results

Client: NT Global
Project/Site: Hamon State #001

Job ID: 880-19596-1
SDG: Lea Co, NM

Client Sample ID: CS-2 (5')

Date Collected: 09/23/22 00:00
Date Received: 09/23/22 14:22

Lab Sample ID: 880-19596-2
Matrix: Solid

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			10/06/22 09:04	1

Method: SW846 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			09/28/22 09:33	1

Method: SW846 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		09/26/22 16:47	09/27/22 13:26	1
Diesel Range Organics (Over C10-C28)	<49.8	U *+	49.8		mg/Kg		09/26/22 16:47	09/27/22 13:26	1
OII Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		09/26/22 16:47	09/27/22 13:26	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*105*		*70 - 130*	*09/26/22 16:47*	*09/27/22 13:26*	*1*
o-Terphenyl	*110*		*70 - 130*	*09/26/22 16:47*	*09/27/22 13:26*	*1*

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**84.0**		5.02		mg/Kg			09/27/22 20:46	1

Client Sample ID: CS-3 (5')

Date Collected: 09/23/22 00:00
Date Received: 09/23/22 14:22

Lab Sample ID: 880-19596-3
Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		10/04/22 16:34	10/05/22 20:36	1
Toluene	<0.00199	U	0.00199		mg/Kg		10/04/22 16:34	10/05/22 20:36	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		10/04/22 16:34	10/05/22 20:36	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		10/04/22 16:34	10/05/22 20:36	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		10/04/22 16:34	10/05/22 20:36	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		10/04/22 16:34	10/05/22 20:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*153*	*S1+*	*70 - 130*	*10/04/22 16:34*	*10/05/22 20:36*	*1*
1,4-Difluorobenzene (Surr)	*76*		*70 - 130*	*10/04/22 16:34*	*10/05/22 20:36*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			10/06/22 09:04	1

Method: SW846 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			09/28/22 09:33	1

Method: SW846 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		09/26/22 16:47	09/27/22 13:47	1
Diesel Range Organics (Over C10-C28)	<49.9	U *+	49.9		mg/Kg		09/26/22 16:47	09/27/22 13:47	1

Eurofins Midland

Client Sample Results

Client: NT Global
Project/Site: Hamon State #001

Job ID: 880-19596-1
SDG: Lea Co, NM

Client Sample ID: CS-3 (5')

Lab Sample ID: 880-19596-3
Matrix: Solid
Date Collected: 09/23/22 00:00
Date Received: 09/23/22 14:22

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		09/26/22 16:47	09/27/22 13:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*96*		*70 - 130*	*09/26/22 16:47*	*09/27/22 13:47*	*1*
o-Terphenyl	*103*		*70 - 130*	*09/26/22 16:47*	*09/27/22 13:47*	*1*

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**229**		5.03		mg/Kg			09/27/22 20:52	1

Client Sample ID: CS-4 (5')

Lab Sample ID: 880-19596-4
Matrix: Solid
Date Collected: 09/23/22 00:00
Date Received: 09/23/22 14:22

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		10/04/22 16:34	10/05/22 21:02	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/04/22 16:34	10/05/22 21:02	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/04/22 16:34	10/05/22 21:02	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		10/04/22 16:34	10/05/22 21:02	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/04/22 16:34	10/05/22 21:02	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		10/04/22 16:34	10/05/22 21:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*176*	*S1+*	*70 - 130*	*10/04/22 16:34*	*10/05/22 21:02*	*1*
1,4-Difluorobenzene (Surr)	*82*		*70 - 130*	*10/04/22 16:34*	*10/05/22 21:02*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			10/06/22 09:04	1

Method: SW846 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			09/28/22 09:33	1

Method: SW846 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		09/26/22 16:47	09/27/22 14:08	1
Diesel Range Organics (Over C10-C28)	<49.9	U *+	49.9		mg/Kg		09/26/22 16:47	09/27/22 14:08	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		09/26/22 16:47	09/27/22 14:08	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*97*		*70 - 130*	*09/26/22 16:47*	*09/27/22 14:08*	*1*
o-Terphenyl	*104*		*70 - 130*	*09/26/22 16:47*	*09/27/22 14:08*	*1*

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**66.9**		4.97		mg/Kg			09/27/22 20:58	1

Client Sample Results

Client: NT Global
Project/Site: Hamon State #001

Job ID: 880-19596-1
SDG: Lea Co, NM

Client Sample ID: CS-5 (5')

Date Collected: 09/23/22 00:00
Date Received: 09/23/22 14:22

Lab Sample ID: 880-19596-5
Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		10/04/22 16:34	10/05/22 21:28	1
Toluene	<0.00199	U	0.00199		mg/Kg		10/04/22 16:34	10/05/22 21:28	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		10/04/22 16:34	10/05/22 21:28	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		10/04/22 16:34	10/05/22 21:28	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		10/04/22 16:34	10/05/22 21:28	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		10/04/22 16:34	10/05/22 21:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*122*		*70 - 130*	*10/04/22 16:34*	*10/05/22 21:28*	*1*
1,4-Difluorobenzene (Surr)	*71*		*70 - 130*	*10/04/22 16:34*	*10/05/22 21:28*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			10/06/22 09:04	1

Method: SW846 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			09/28/22 09:33	1

Method: SW846 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		09/26/22 16:47	09/27/22 14:29	1
Diesel Range Organics (Over C10-C28)	<50.0	U *+	50.0		mg/Kg		09/26/22 16:47	09/27/22 14:29	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		09/26/22 16:47	09/27/22 14:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*104*		*70 - 130*	*09/26/22 16:47*	*09/27/22 14:29*	*1*
o-Terphenyl	*110*		*70 - 130*	*09/26/22 16:47*	*09/27/22 14:29*	*1*

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**159**		4.96		mg/Kg			09/27/22 21:04	1

Client Sample ID: CS-6 (5')

Date Collected: 09/23/22 00:00
Date Received: 09/23/22 14:22

Lab Sample ID: 880-19596-6
Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		10/04/22 16:34	10/05/22 21:54	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/04/22 16:34	10/05/22 21:54	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/04/22 16:34	10/05/22 21:54	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		10/04/22 16:34	10/05/22 21:54	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/04/22 16:34	10/05/22 21:54	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		10/04/22 16:34	10/05/22 21:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*162*	*S1+*	*70 - 130*	*10/04/22 16:34*	*10/05/22 21:54*	*1*
1,4-Difluorobenzene (Surr)	*80*		*70 - 130*	*10/04/22 16:34*	*10/05/22 21:54*	*1*

Client Sample Results

Client: NT Global
Project/Site: Hamon State #001

Job ID: 880-19596-1
SDG: Lea Co, NM

Client Sample ID: CS-6 (5')

Lab Sample ID: 880-19596-6
Matrix: Solid
Date Collected: 09/23/22 00:00
Date Received: 09/23/22 14:22

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			10/06/22 09:04	1

Method: SW846 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			09/28/22 09:33	1

Method: SW846 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		09/26/22 16:47	09/27/22 14:49	1
Diesel Range Organics (Over C10-C28)	<50.0	U *+	50.0		mg/Kg		09/26/22 16:47	09/27/22 14:49	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		09/26/22 16:47	09/27/22 14:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*97*		*70 - 130*	*09/26/22 16:47*	*09/27/22 14:49*	*1*
o-Terphenyl	*104*		*70 - 130*	*09/26/22 16:47*	*09/27/22 14:49*	*1*

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**169**		4.95		mg/Kg			09/27/22 21:23	1

Client Sample ID: CS-7 (5')

Lab Sample ID: 880-19596-7
Matrix: Solid
Date Collected: 09/23/22 00:00
Date Received: 09/23/22 14:22

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		10/04/22 16:34	10/05/22 22:20	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/04/22 16:34	10/05/22 22:20	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/04/22 16:34	10/05/22 22:20	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		10/04/22 16:34	10/05/22 22:20	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/04/22 16:34	10/05/22 22:20	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		10/04/22 16:34	10/05/22 22:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*182*	*S1+*	*70 - 130*	*10/04/22 16:34*	*10/05/22 22:20*	*1*
1,4-Difluorobenzene (Surr)	*79*		*70 - 130*	*10/04/22 16:34*	*10/05/22 22:20*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			10/06/22 09:04	1

Method: SW846 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			09/28/22 09:33	1

Method: SW846 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		09/26/22 16:47	09/27/22 15:10	1
Diesel Range Organics (Over C10-C28)	<50.0	U *+	50.0		mg/Kg		09/26/22 16:47	09/27/22 15:10	1

Eurofins Midland

Client Sample Results

Client: NT Global
Project/Site: Hamon State #001

Job ID: 880-19596-1
SDG: Lea Co, NM

Client Sample ID: CS-7 (5')

Lab Sample ID: 880-19596-7
Matrix: Solid
Date Collected: 09/23/22 00:00
Date Received: 09/23/22 14:22

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		09/26/22 16:47	09/27/22 15:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*107*		*70 - 130*	*09/26/22 16:47*	*09/27/22 15:10*	*1*
o-Terphenyl	*113*		*70 - 130*	*09/26/22 16:47*	*09/27/22 15:10*	*1*

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**158**		4.95		mg/Kg			09/27/22 21:29	1

Client Sample ID: CS-8 (5')

Lab Sample ID: 880-19596-8
Matrix: Solid
Date Collected: 09/23/22 00:00
Date Received: 09/23/22 14:22

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		10/04/22 16:34	10/05/22 22:46	1
Toluene	<0.00199	U	0.00199		mg/Kg		10/04/22 16:34	10/05/22 22:46	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		10/04/22 16:34	10/05/22 22:46	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		10/04/22 16:34	10/05/22 22:46	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		10/04/22 16:34	10/05/22 22:46	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		10/04/22 16:34	10/05/22 22:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*172*	*S1+*	*70 - 130*	*10/04/22 16:34*	*10/05/22 22:46*	*1*
1,4-Difluorobenzene (Surr)	*81*		*70 - 130*	*10/04/22 16:34*	*10/05/22 22:46*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			10/06/22 09:04	1

Method: SW846 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			09/28/22 09:33	1

Method: SW846 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		09/26/22 16:47	09/27/22 15:31	1
Diesel Range Organics (Over C10-C28)	<49.9	U *+	49.9		mg/Kg		09/26/22 16:47	09/27/22 15:31	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		09/26/22 16:47	09/27/22 15:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*116*		*70 - 130*	*09/26/22 16:47*	*09/27/22 15:31*	*1*
o-Terphenyl	*125*		*70 - 130*	*09/26/22 16:47*	*09/27/22 15:31*	*1*

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**195**		5.01		mg/Kg			09/27/22 21:36	1

Client Sample Results

Client: NT Global
Project/Site: Hamon State #001

Job ID: 880-19596-1
SDG: Lea Co, NM

Client Sample ID: CS-9 (5')

Date Collected: 09/23/22 00:00
Date Received: 09/23/22 14:22

Lab Sample ID: 880-19596-9
Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		10/04/22 16:34	10/05/22 23:12	1
Toluene	<0.00201	U	0.00201		mg/Kg		10/04/22 16:34	10/05/22 23:12	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		10/04/22 16:34	10/05/22 23:12	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		10/04/22 16:34	10/05/22 23:12	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		10/04/22 16:34	10/05/22 23:12	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		10/04/22 16:34	10/05/22 23:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*166*	*S1+*	*70 - 130*	*10/04/22 16:34*	*10/05/22 23:12*	*1*
1,4-Difluorobenzene (Surr)	*78*		*70 - 130*	*10/04/22 16:34*	*10/05/22 23:12*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			10/06/22 09:04	1

Method: SW846 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			09/28/22 09:33	1

Method: SW846 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		09/26/22 16:47	09/27/22 15:51	1
Diesel Range Organics (Over C10-C28)	<50.0	U *+	50.0		mg/Kg		09/26/22 16:47	09/27/22 15:51	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		09/26/22 16:47	09/27/22 15:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*98*		*70 - 130*	*09/26/22 16:47*	*09/27/22 15:51*	*1*
o-Terphenyl	*104*		*70 - 130*	*09/26/22 16:47*	*09/27/22 15:51*	*1*

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**157**		5.02		mg/Kg			09/27/22 21:42	1

Client Sample ID: CS-10 (5')

Date Collected: 09/23/22 00:00
Date Received: 09/23/22 14:22

Lab Sample ID: 880-19596-10
Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		10/04/22 16:34	10/05/22 23:38	1
Toluene	<0.00201	U	0.00201		mg/Kg		10/04/22 16:34	10/05/22 23:38	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		10/04/22 16:34	10/05/22 23:38	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		10/04/22 16:34	10/05/22 23:38	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		10/04/22 16:34	10/05/22 23:38	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		10/04/22 16:34	10/05/22 23:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*175*	*S1+*	*70 - 130*	*10/04/22 16:34*	*10/05/22 23:38*	*1*
1,4-Difluorobenzene (Surr)	*82*		*70 - 130*	*10/04/22 16:34*	*10/05/22 23:38*	*1*

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Client Sample Results

Client: NT Global
Project/Site: Hamon State #001

Job ID: 880-19596-1
SDG: Lea Co, NM

Client Sample ID: CS-10 (5')

Lab Sample ID: 880-19596-10
Matrix: Solid
Date Collected: 09/23/22 00:00
Date Received: 09/23/22 14:22

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			10/06/22 09:04	1

Method: SW846 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			09/28/22 09:33	1

Method: SW846 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		09/26/22 16:47	09/27/22 16:12	1
Diesel Range Organics (Over C10-C28)	<49.9	U *+	49.9		mg/Kg		09/26/22 16:47	09/27/22 16:12	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		09/26/22 16:47	09/27/22 16:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*92*		*70 - 130*	*09/26/22 16:47*	*09/27/22 16:12*	*1*
o-Terphenyl	*99*		*70 - 130*	*09/26/22 16:47*	*09/27/22 16:12*	*1*

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**216**		4.99		mg/Kg			09/27/22 21:48	1

Client Sample ID: CS-11 (5')

Lab Sample ID: 880-19596-11
Matrix: Solid
Date Collected: 09/23/22 00:00
Date Received: 09/23/22 14:22

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		10/04/22 16:34	10/06/22 01:19	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/04/22 16:34	10/06/22 01:19	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/04/22 16:34	10/06/22 01:19	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		10/04/22 16:34	10/06/22 01:19	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/04/22 16:34	10/06/22 01:19	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		10/04/22 16:34	10/06/22 01:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*173*	*S1+*	*70 - 130*	*10/04/22 16:34*	*10/06/22 01:19*	*1*
1,4-Difluorobenzene (Surr)	*84*		*70 - 130*	*10/04/22 16:34*	*10/06/22 01:19*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			10/06/22 09:04	1

Method: SW846 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			09/28/22 09:33	1

Method: SW846 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		09/26/22 16:47	09/27/22 16:52	1
Diesel Range Organics (Over C10-C28)	<50.0	U *+	50.0		mg/Kg		09/26/22 16:47	09/27/22 16:52	1

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Client Sample Results

Client: NT Global
Project/Site: Hamon State #001

Job ID: 880-19596-1
SDG: Lea Co, NM

Client Sample ID: CS-11 (5')

Lab Sample ID: 880-19596-11
Matrix: Solid
Date Collected: 09/23/22 00:00
Date Received: 09/23/22 14:22

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		09/26/22 16:47	09/27/22 16:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*96*		*70 - 130*	*09/26/22 16:47*	*09/27/22 16:52*	*1*
o-Terphenyl	*105*		*70 - 130*	*09/26/22 16:47*	*09/27/22 16:52*	*1*

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**56.8**	**F1**	4.97		mg/Kg			09/27/22 21:54	1

Client Sample ID: CS-12 (5')

Lab Sample ID: 880-19596-12
Matrix: Solid
Date Collected: 09/23/22 00:00
Date Received: 09/23/22 14:22

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		10/04/22 16:34	10/06/22 01:45	1
Toluene	<0.00199	U	0.00199		mg/Kg		10/04/22 16:34	10/06/22 01:45	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		10/04/22 16:34	10/06/22 01:45	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		10/04/22 16:34	10/06/22 01:45	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		10/04/22 16:34	10/06/22 01:45	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		10/04/22 16:34	10/06/22 01:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*184*	*S1+*	*70 - 130*	*10/04/22 16:34*	*10/06/22 01:45*	*1*
1,4-Difluorobenzene (Surr)	*82*		*70 - 130*	*10/04/22 16:34*	*10/06/22 01:45*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			10/06/22 09:04	1

Method: SW846 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			09/28/22 09:33	1

Method: SW846 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		09/26/22 16:47	09/27/22 17:13	1
Diesel Range Organics (Over C10-C28)	<49.9	U *+	49.9		mg/Kg		09/26/22 16:47	09/27/22 17:13	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		09/26/22 16:47	09/27/22 17:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*89*		*70 - 130*	*09/26/22 16:47*	*09/27/22 17:13*	*1*
o-Terphenyl	*98*		*70 - 130*	*09/26/22 16:47*	*09/27/22 17:13*	*1*

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**66.6**		5.03		mg/Kg			09/27/22 22:13	1

Client Sample Results

Client: NT Global
Project/Site: Hamon State #001

Job ID: 880-19596-1
SDG: Lea Co, NM

Client Sample ID: CS-13 (5')

Date Collected: 09/23/22 00:00
Date Received: 09/23/22 14:22

Lab Sample ID: 880-19596-13
Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		10/04/22 16:34	10/06/22 02:10	1
Toluene	<0.00199	U	0.00199		mg/Kg		10/04/22 16:34	10/06/22 02:10	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		10/04/22 16:34	10/06/22 02:10	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		10/04/22 16:34	10/06/22 02:10	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		10/04/22 16:34	10/06/22 02:10	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		10/04/22 16:34	10/06/22 02:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*148*	*S1+*	*70 - 130*	*10/04/22 16:34*	*10/06/22 02:10*	*1*
1,4-Difluorobenzene (Surr)	*77*		*70 - 130*	*10/04/22 16:34*	*10/06/22 02:10*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			10/06/22 09:04	1

Method: SW846 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			09/28/22 09:33	1

Method: SW846 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		09/26/22 16:47	09/27/22 17:34	1
Diesel Range Organics (Over C10-C28)	<50.0	U *+	50.0		mg/Kg		09/26/22 16:47	09/27/22 17:34	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		09/26/22 16:47	09/27/22 17:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*112*		*70 - 130*	*09/26/22 16:47*	*09/27/22 17:34*	*1*
o-Terphenyl	*120*		*70 - 130*	*09/26/22 16:47*	*09/27/22 17:34*	*1*

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**68.2**		4.99		mg/Kg			09/27/22 22:19	1

Client Sample ID: CS-14 (5')

Date Collected: 09/23/22 00:00
Date Received: 09/23/22 14:22

Lab Sample ID: 880-19596-14
Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		10/04/22 16:34	10/06/22 02:36	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/04/22 16:34	10/06/22 02:36	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/04/22 16:34	10/06/22 02:36	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		10/04/22 16:34	10/06/22 02:36	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/04/22 16:34	10/06/22 02:36	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		10/04/22 16:34	10/06/22 02:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*196*	*S1+*	*70 - 130*	*10/04/22 16:34*	*10/06/22 02:36*	*1*
1,4-Difluorobenzene (Surr)	*86*		*70 - 130*	*10/04/22 16:34*	*10/06/22 02:36*	*1*

Client Sample Results

Client: NT Global
Project/Site: Hamon State #001

Job ID: 880-19596-1
SDG: Lea Co, NM

Client Sample ID: CS-14 (5')

Lab Sample ID: 880-19596-14
Matrix: Solid
Date Collected: 09/23/22 00:00
Date Received: 09/23/22 14:22

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			10/06/22 09:04	1

Method: SW846 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			09/28/22 09:33	1

Method: SW846 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		09/26/22 16:47	09/27/22 17:54	1
Diesel Range Organics (Over C10-C28)	<49.9	U *+	49.9		mg/Kg		09/26/22 16:47	09/27/22 17:54	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		09/26/22 16:47	09/27/22 17:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*98*		*70 - 130*	*09/26/22 16:47*	*09/27/22 17:54*	*1*
o-Terphenyl	*105*		*70 - 130*	*09/26/22 16:47*	*09/27/22 17:54*	*1*

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**59.1**		5.00		mg/Kg			09/27/22 22:38	1

Client Sample ID: CS-15 (5')

Lab Sample ID: 880-19596-15
Matrix: Solid
Date Collected: 09/23/22 00:00
Date Received: 09/23/22 14:22

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		10/04/22 16:34	10/06/22 03:01	1
Toluene	<0.00198	U	0.00198		mg/Kg		10/04/22 16:34	10/06/22 03:01	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		10/04/22 16:34	10/06/22 03:01	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		10/04/22 16:34	10/06/22 03:01	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		10/04/22 16:34	10/06/22 03:01	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		10/04/22 16:34	10/06/22 03:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*196*	*S1+*	*70 - 130*	*10/04/22 16:34*	*10/06/22 03:01*	*1*
1,4-Difluorobenzene (Surr)	*94*		*70 - 130*	*10/04/22 16:34*	*10/06/22 03:01*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			10/06/22 09:04	1

Method: SW846 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			09/28/22 09:33	1

Method: SW846 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		09/26/22 16:47	09/27/22 18:14	1
Diesel Range Organics (Over C10-C28)	<49.9	U *+	49.9		mg/Kg		09/26/22 16:47	09/27/22 18:14	1

Client Sample Results

Client: NT Global
Project/Site: Hamon State #001

Job ID: 880-19596-1
SDG: Lea Co, NM

Client Sample ID: CS-15 (5')

Lab Sample ID: 880-19596-15
Matrix: Solid
Date Collected: 09/23/22 00:00
Date Received: 09/23/22 14:22

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		09/26/22 16:47	09/27/22 18:14	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*93*		*70 - 130*	*09/26/22 16:47*	*09/27/22 18:14*	*1*
o-Terphenyl	*99*		*70 - 130*	*09/26/22 16:47*	*09/27/22 18:14*	*1*

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**55.0**		5.00		mg/Kg			09/27/22 22:44	1

Client Sample ID: CS-16 (5')

Lab Sample ID: 880-19596-16
Matrix: Solid
Date Collected: 09/23/22 00:00
Date Received: 09/23/22 14:22

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		10/04/22 16:34	10/06/22 03:27	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/04/22 16:34	10/06/22 03:27	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/04/22 16:34	10/06/22 03:27	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		10/04/22 16:34	10/06/22 03:27	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/04/22 16:34	10/06/22 03:27	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		10/04/22 16:34	10/06/22 03:27	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*189*	*S1+*	*70 - 130*	*10/04/22 16:34*	*10/06/22 03:27*	*1*
1,4-Difluorobenzene (Surr)	*86*		*70 - 130*	*10/04/22 16:34*	*10/06/22 03:27*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			10/06/22 09:04	1

Method: SW846 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			09/28/22 09:33	1

Method: SW846 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		09/26/22 16:47	09/27/22 18:35	1
Diesel Range Organics (Over C10-C28)	<50.0	U *+	50.0		mg/Kg		09/26/22 16:47	09/27/22 18:35	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		09/26/22 16:47	09/27/22 18:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*97*		*70 - 130*	*09/26/22 16:47*	*09/27/22 18:35*	*1*
o-Terphenyl	*107*		*70 - 130*	*09/26/22 16:47*	*09/27/22 18:35*	*1*

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**37.5**		5.00		mg/Kg			09/27/22 22:50	1

Client Sample Results

Client: NT Global
Project/Site: Hamon State #001

Job ID: 880-19596-1
SDG: Lea Co, NM

Client Sample ID: CS-17 (5')

Lab Sample ID: 880-19596-17
Matrix: Solid
Date Collected: 09/23/22 00:00
Date Received: 09/23/22 14:22

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		10/04/22 16:34	10/06/22 03:52	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/04/22 16:34	10/06/22 03:52	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/04/22 16:34	10/06/22 03:52	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		10/04/22 16:34	10/06/22 03:52	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/04/22 16:34	10/06/22 03:52	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		10/04/22 16:34	10/06/22 03:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*210*	*S1+*	*70 - 130*	*10/04/22 16:34*	*10/06/22 03:52*	*1*
1,4-Difluorobenzene (Surr)	*88*		*70 - 130*	*10/04/22 16:34*	*10/06/22 03:52*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			10/06/22 09:04	1

Method: SW846 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			09/28/22 09:33	1

Method: SW846 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		09/26/22 16:47	09/27/22 18:56	1
Diesel Range Organics (Over C10-C28)	<50.0	U *+	50.0		mg/Kg		09/26/22 16:47	09/27/22 18:56	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		09/26/22 16:47	09/27/22 18:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*101*		*70 - 130*	*09/26/22 16:47*	*09/27/22 18:56*	*1*
o-Terphenyl	*109*		*70 - 130*	*09/26/22 16:47*	*09/27/22 18:56*	*1*

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**62.4**		5.04		mg/Kg			09/27/22 22:57	1

Client Sample ID: CS-18 (5')

Lab Sample ID: 880-19596-18
Matrix: Solid
Date Collected: 09/23/22 00:00
Date Received: 09/23/22 14:22

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		10/04/22 16:34	10/06/22 04:18	1
Toluene	<0.00199	U	0.00199		mg/Kg		10/04/22 16:34	10/06/22 04:18	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		10/04/22 16:34	10/06/22 04:18	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		10/04/22 16:34	10/06/22 04:18	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		10/04/22 16:34	10/06/22 04:18	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		10/04/22 16:34	10/06/22 04:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*195*	*S1+*	*70 - 130*	*10/04/22 16:34*	*10/06/22 04:18*	*1*
1,4-Difluorobenzene (Surr)	*87*		*70 - 130*	*10/04/22 16:34*	*10/06/22 04:18*	*1*

Client Sample Results

Client: NT Global
Project/Site: Hamon State #001

Job ID: 880-19596-1
SDG: Lea Co, NM

Client Sample ID: CS-18 (5')

Lab Sample ID: 880-19596-18
Matrix: Solid
Date Collected: 09/23/22 00:00
Date Received: 09/23/22 14:22

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			10/06/22 09:04	1

Method: SW846 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			09/28/22 09:33	1

Method: SW846 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		09/26/22 16:47	09/27/22 19:17	1
Diesel Range Organics (Over C10-C28)	<50.0	U *+	50.0		mg/Kg		09/26/22 16:47	09/27/22 19:17	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		09/26/22 16:47	09/27/22 19:17	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*96*		*70 - 130*	*09/26/22 16:47*	*09/27/22 19:17*	*1*
o-Terphenyl	*103*		*70 - 130*	*09/26/22 16:47*	*09/27/22 19:17*	*1*

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**64.0**		5.01		mg/Kg			09/27/22 23:03	1

Client Sample ID: CS-19 (5')

Lab Sample ID: 880-19596-19
Matrix: Solid
Date Collected: 09/23/22 00:00
Date Received: 09/23/22 14:22

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		10/04/22 16:34	10/06/22 04:43	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/04/22 16:34	10/06/22 04:43	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/04/22 16:34	10/06/22 04:43	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		10/04/22 16:34	10/06/22 04:43	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/04/22 16:34	10/06/22 04:43	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		10/04/22 16:34	10/06/22 04:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*207*	*S1+*	*70 - 130*	*10/04/22 16:34*	*10/06/22 04:43*	*1*
1,4-Difluorobenzene (Surr)	*92*		*70 - 130*	*10/04/22 16:34*	*10/06/22 04:43*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			10/06/22 09:04	1

Method: SW846 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			09/28/22 09:33	1

Method: SW846 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		09/26/22 16:47	09/27/22 19:38	1
Diesel Range Organics (Over C10-C28)	<49.9	U *+	49.9		mg/Kg		09/26/22 16:47	09/27/22 19:38	1

Eurofins Midland

Client Sample Results

Client: NT Global
Project/Site: Hamon State #001

Job ID: 880-19596-1
SDG: Lea Co, NM

Client Sample ID: CS-19 (5')

Lab Sample ID: 880-19596-19
Matrix: Solid
Date Collected: 09/23/22 00:00
Date Received: 09/23/22 14:22

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		09/26/22 16:47	09/27/22 19:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*103*		*70 - 130*	*09/26/22 16:47*	*09/27/22 19:38*	*1*
o-Terphenyl	*108*		*70 - 130*	*09/26/22 16:47*	*09/27/22 19:38*	*1*

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**69.5**		4.99		mg/Kg			09/27/22 23:09	1

Client Sample ID: CS-20 (5')

Lab Sample ID: 880-19596-20
Matrix: Solid
Date Collected: 09/23/22 00:00
Date Received: 09/23/22 14:22

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		10/04/22 16:34	10/06/22 05:09	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/04/22 16:34	10/06/22 05:09	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/04/22 16:34	10/06/22 05:09	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		10/04/22 16:34	10/06/22 05:09	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/04/22 16:34	10/06/22 05:09	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		10/04/22 16:34	10/06/22 05:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*205*	*S1+*	*70 - 130*	*10/04/22 16:34*	*10/06/22 05:09*	*1*
1,4-Difluorobenzene (Surr)	*89*		*70 - 130*	*10/04/22 16:34*	*10/06/22 05:09*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			10/06/22 09:04	1

Method: SW846 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			09/28/22 09:33	1

Method: SW846 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		09/26/22 16:47	09/27/22 19:58	1
Diesel Range Organics (Over C10-C28)	<49.9	U *+	49.9		mg/Kg		09/26/22 16:47	09/27/22 19:58	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		09/26/22 16:47	09/27/22 19:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*95*		*70 - 130*	*09/26/22 16:47*	*09/27/22 19:58*	*1*
o-Terphenyl	*101*		*70 - 130*	*09/26/22 16:47*	*09/27/22 19:58*	*1*

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**61.7**		5.01		mg/Kg			09/27/22 23:15	1

Client Sample Results

Client: NT Global
Project/Site: Hamon State #001

Job ID: 880-19596-1
SDG: Lea Co, NM

Client Sample ID: CS-21 (5')

Lab Sample ID: 880-19596-21
Matrix: Solid
Date Collected: 09/23/22 00:00
Date Received: 09/23/22 14:22

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		10/05/22 16:50	10/07/22 08:32	1
Toluene	0.00235		0.00200		mg/Kg		10/05/22 16:50	10/07/22 08:32	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/05/22 16:50	10/07/22 08:32	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		10/05/22 16:50	10/07/22 08:32	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/05/22 16:50	10/07/22 08:32	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		10/05/22 16:50	10/07/22 08:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*104*		*70 - 130*	*10/05/22 16:50*	*10/07/22 08:32*	*1*
1,4-Difluorobenzene (Surr)	*118*		*70 - 130*	*10/05/22 16:50*	*10/07/22 08:32*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			10/06/22 09:04	1

Method: SW846 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			09/28/22 09:33	1

Method: SW846 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		09/27/22 09:11	09/28/22 10:28	1
Diesel Range Organics (Over C10-C28)	<50.0	U *+	50.0		mg/Kg		09/27/22 09:11	09/28/22 10:28	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		09/27/22 09:11	09/28/22 10:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*113*		*70 - 130*	*09/27/22 09:11*	*09/28/22 10:28*	*1*
o-Terphenyl	*106*		*70 - 130*	*09/27/22 09:11*	*09/28/22 10:28*	*1*

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	68.6	F1	5.05		mg/Kg			09/28/22 00:05	1

Client Sample ID: CS-22 (5')

Lab Sample ID: 880-19596-22
Matrix: Solid
Date Collected: 09/23/22 00:00
Date Received: 09/23/22 14:22

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U *+	0.00198		mg/Kg		10/04/22 16:37	10/06/22 12:22	1
Toluene	<0.00198	U *+	0.00198		mg/Kg		10/04/22 16:37	10/06/22 12:22	1
Ethylbenzene	<0.00198	U *+	0.00198		mg/Kg		10/04/22 16:37	10/06/22 12:22	1
m-Xylene & p-Xylene	<0.00396	U *+	0.00396		mg/Kg		10/04/22 16:37	10/06/22 12:22	1
o-Xylene	<0.00198	U *+	0.00198		mg/Kg		10/04/22 16:37	10/06/22 12:22	1
Xylenes, Total	<0.00396	U *+	0.00396		mg/Kg		10/04/22 16:37	10/06/22 12:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*188*	*S1+*	*70 - 130*	*10/04/22 16:37*	*10/06/22 12:22*	*1*
1,4-Difluorobenzene (Surr)	*75*		*70 - 130*	*10/04/22 16:37*	*10/06/22 12:22*	*1*

Client Sample Results

Client: NT Global
Project/Site: Hamon State #001

Job ID: 880-19596-1
SDG: Lea Co, NM

Client Sample ID: CS-22 (5')

Lab Sample ID: 880-19596-22
Matrix: Solid
Date Collected: 09/23/22 00:00
Date Received: 09/23/22 14:22

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			10/06/22 09:04	1

Method: SW846 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			09/28/22 09:33	1

Method: SW846 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		09/27/22 09:11	09/28/22 11:32	1
Diesel Range Organics (Over C10-C28)	<49.8	U *+	49.8		mg/Kg		09/27/22 09:11	09/28/22 11:32	1
OII Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		09/27/22 09:11	09/28/22 11:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*106*		*70 - 130*	*09/27/22 09:11*	*09/28/22 11:32*	*1*
o-Terphenyl	*101*		*70 - 130*	*09/27/22 09:11*	*09/28/22 11:32*	*1*

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**69.4**		5.01		mg/Kg			09/28/22 00:24	1

Client Sample ID: CS-23 (5')

Lab Sample ID: 880-19596-23
Matrix: Solid
Date Collected: 09/23/22 00:00
Date Received: 09/23/22 14:22

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U *+	0.00200		mg/Kg		10/04/22 16:37	10/06/22 12:48	1
Toluene	<0.00200	U *+	0.00200		mg/Kg		10/04/22 16:37	10/06/22 12:48	1
Ethylbenzene	<0.00200	U *+	0.00200		mg/Kg		10/04/22 16:37	10/06/22 12:48	1
m-Xylene & p-Xylene	<0.00399	U *+	0.00399		mg/Kg		10/04/22 16:37	10/06/22 12:48	1
o-Xylene	<0.00200	U *+	0.00200		mg/Kg		10/04/22 16:37	10/06/22 12:48	1
Xylenes, Total	<0.00399	U *+	0.00399		mg/Kg		10/04/22 16:37	10/06/22 12:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*198*	*S1+*	*70 - 130*	*10/04/22 16:37*	*10/06/22 12:48*	*1*
1,4-Difluorobenzene (Surr)	*81*		*70 - 130*	*10/04/22 16:37*	*10/06/22 12:48*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			10/06/22 09:04	1

Method: SW846 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			09/28/22 09:33	1

Method: SW846 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		09/27/22 09:11	09/28/22 11:54	1
Diesel Range Organics (Over C10-C28)	<49.9	U *+	49.9		mg/Kg		09/27/22 09:11	09/28/22 11:54	1

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Client Sample Results

Client: NT Global
Project/Site: Hamon State #001

Job ID: 880-19596-1
SDG: Lea Co, NM

Client Sample ID: CS-23 (5')

Lab Sample ID: 880-19596-23
Matrix: Solid
Date Collected: 09/23/22 00:00
Date Received: 09/23/22 14:22

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		09/27/22 09:11	09/28/22 11:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*109*		*70 - 130*	*09/27/22 09:11*	*09/28/22 11:54*	*1*
o-Terphenyl	*102*		*70 - 130*	*09/27/22 09:11*	*09/28/22 11:54*	*1*

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**62.2**		5.02		mg/Kg			09/28/22 00:30	1

Client Sample ID: CS-24 (5')

Lab Sample ID: 880-19596-24
Matrix: Solid
Date Collected: 09/23/22 00:00
Date Received: 09/23/22 14:22

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U *+	0.00199		mg/Kg		10/04/22 16:37	10/06/22 13:14	1
Toluene	<0.00199	U *+	0.00199		mg/Kg		10/04/22 16:37	10/06/22 13:14	1
Ethylbenzene	<0.00199	U *+	0.00199		mg/Kg		10/04/22 16:37	10/06/22 13:14	1
m-Xylene & p-Xylene	<0.00398	U *+	0.00398		mg/Kg		10/04/22 16:37	10/06/22 13:14	1
o-Xylene	<0.00199	U *+	0.00199		mg/Kg		10/04/22 16:37	10/06/22 13:14	1
Xylenes, Total	<0.00398	U *+	0.00398		mg/Kg		10/04/22 16:37	10/06/22 13:14	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*189*	*S1+*	*70 - 130*	*10/04/22 16:37*	*10/06/22 13:14*	*1*
1,4-Difluorobenzene (Surr)	*76*		*70 - 130*	*10/04/22 16:37*	*10/06/22 13:14*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			10/06/22 09:04	1

Method: SW846 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			09/28/22 09:33	1

Method: SW846 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		09/27/22 09:11	09/28/22 12:16	1
Diesel Range Organics (Over C10-C28)	<49.9	U *+	49.9		mg/Kg		09/27/22 09:11	09/28/22 12:16	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		09/27/22 09:11	09/28/22 12:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*114*		*70 - 130*	*09/27/22 09:11*	*09/28/22 12:16*	*1*
o-Terphenyl	*107*		*70 - 130*	*09/27/22 09:11*	*09/28/22 12:16*	*1*

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**106**		4.99		mg/Kg			09/28/22 00:36	1

Client Sample Results

Client: NT Global
Project/Site: Hamon State #001

Job ID: 880-19596-1
SDG: Lea Co, NM

Client Sample ID: CS-25 (5')

Lab Sample ID: 880-19596-25
Matrix: Solid
Date Collected: 09/23/22 00:00
Date Received: 09/23/22 14:22

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U *+	0.00199		mg/Kg		10/04/22 16:37	10/06/22 13:40	1
Toluene	<0.00199	U *+	0.00199		mg/Kg		10/04/22 16:37	10/06/22 13:40	1
Ethylbenzene	<0.00199	U *+	0.00199		mg/Kg		10/04/22 16:37	10/06/22 13:40	1
m-Xylene & p-Xylene	<0.00398	U *+	0.00398		mg/Kg		10/04/22 16:37	10/06/22 13:40	1
o-Xylene	<0.00199	U *+	0.00199		mg/Kg		10/04/22 16:37	10/06/22 13:40	1
Xylenes, Total	<0.00398	U *+	0.00398		mg/Kg		10/04/22 16:37	10/06/22 13:40	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*198*	*S1+*	*70 - 130*	*10/04/22 16:37*	*10/06/22 13:40*	*1*
1,4-Difluorobenzene (Surr)	*88*		*70 - 130*	*10/04/22 16:37*	*10/06/22 13:40*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			10/06/22 09:04	1

Method: SW846 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			09/28/22 09:33	1

Method: SW846 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		09/27/22 09:11	09/28/22 12:38	1
Diesel Range Organics (Over C10-C28)	<50.0	U *+	50.0		mg/Kg		09/27/22 09:11	09/28/22 12:38	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		09/27/22 09:11	09/28/22 12:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*99*		*70 - 130*	*09/27/22 09:11*	*09/28/22 12:38*	*1*
o-Terphenyl	*92*		*70 - 130*	*09/27/22 09:11*	*09/28/22 12:38*	*1*

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**82.5**		5.00		mg/Kg			09/28/22 00:42	1

Client Sample ID: CS-26 (5')

Lab Sample ID: 880-19596-26
Matrix: Solid
Date Collected: 09/23/22 00:00
Date Received: 09/23/22 14:22

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U *+	0.00200		mg/Kg		10/04/22 16:37	10/06/22 14:06	1
Toluene	<0.00200	U *+	0.00200		mg/Kg		10/04/22 16:37	10/06/22 14:06	1
Ethylbenzene	<0.00200	U *+	0.00200		mg/Kg		10/04/22 16:37	10/06/22 14:06	1
m-Xylene & p-Xylene	<0.00401	U *+	0.00401		mg/Kg		10/04/22 16:37	10/06/22 14:06	1
o-Xylene	<0.00200	U *+	0.00200		mg/Kg		10/04/22 16:37	10/06/22 14:06	1
Xylenes, Total	<0.00401	U *+	0.00401		mg/Kg		10/04/22 16:37	10/06/22 14:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*186*	*S1+*	*70 - 130*	*10/04/22 16:37*	*10/06/22 14:06*	*1*
1,4-Difluorobenzene (Surr)	*81*		*70 - 130*	*10/04/22 16:37*	*10/06/22 14:06*	*1*

Client Sample Results

Client: NT Global
Project/Site: Hamon State #001

Job ID: 880-19596-1
SDG: Lea Co, NM

Client Sample ID: CS-26 (5')

Lab Sample ID: 880-19596-26
Matrix: Solid
Date Collected: 09/23/22 00:00
Date Received: 09/23/22 14:22

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			10/06/22 09:04	1

Method: SW846 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			09/28/22 09:33	1

Method: SW846 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		09/27/22 09:11	09/28/22 12:59	1
Diesel Range Organics (Over C10-C28)	<50.0	U *+	50.0		mg/Kg		09/27/22 09:11	09/28/22 12:59	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		09/27/22 09:11	09/28/22 12:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*108*		*70 - 130*	*09/27/22 09:11*	*09/28/22 12:59*	*1*
o-Terphenyl	*100*		*70 - 130*	*09/27/22 09:11*	*09/28/22 12:59*	*1*

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**67.0**		5.00		mg/Kg			09/28/22 01:20	1

Client Sample ID: CS-27 (5')

Lab Sample ID: 880-19596-27
Matrix: Solid
Date Collected: 09/23/22 00:00
Date Received: 09/23/22 14:22

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U *+	0.00202		mg/Kg		10/04/22 16:37	10/06/22 14:32	1
Toluene	<0.00202	U *+	0.00202		mg/Kg		10/04/22 16:37	10/06/22 14:32	1
Ethylbenzene	<0.00202	U *+	0.00202		mg/Kg		10/04/22 16:37	10/06/22 14:32	1
m-Xylene & p-Xylene	<0.00404	U *+	0.00404		mg/Kg		10/04/22 16:37	10/06/22 14:32	1
o-Xylene	<0.00202	U *+	0.00202		mg/Kg		10/04/22 16:37	10/06/22 14:32	1
Xylenes, Total	<0.00404	U *+	0.00404		mg/Kg		10/04/22 16:37	10/06/22 14:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*192*	*S1+*	*70 - 130*	*10/04/22 16:37*	*10/06/22 14:32*	*1*
1,4-Difluorobenzene (Surr)	*76*		*70 - 130*	*10/04/22 16:37*	*10/06/22 14:32*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			10/06/22 09:04	1

Method: SW846 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			09/28/22 09:33	1

Method: SW846 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		09/27/22 09:11	09/28/22 13:21	1
Diesel Range Organics (Over C10-C28)	<50.0	U *+	50.0		mg/Kg		09/27/22 09:11	09/28/22 13:21	1

Client Sample Results

Client: NT Global
Project/Site: Hamon State #001

Job ID: 880-19596-1
SDG: Lea Co, NM

Client Sample ID: CS-27 (5')

Lab Sample ID: 880-19596-27
Matrix: Solid
Date Collected: 09/23/22 00:00
Date Received: 09/23/22 14:22

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		09/27/22 09:11	09/28/22 13:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*121*		*70 - 130*	*09/27/22 09:11*	*09/28/22 13:21*	*1*
o-Terphenyl	*112*		*70 - 130*	*09/27/22 09:11*	*09/28/22 13:21*	*1*

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**117**		5.03		mg/Kg			09/28/22 01:01	1

Client Sample ID: CS-28 (5')

Lab Sample ID: 880-19596-28
Matrix: Solid
Date Collected: 09/23/22 00:00
Date Received: 09/23/22 14:22

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U *+	0.00201		mg/Kg		10/04/22 16:37	10/06/22 14:58	1
Toluene	<0.00201	U *+	0.00201		mg/Kg		10/04/22 16:37	10/06/22 14:58	1
Ethylbenzene	<0.00201	U *+	0.00201		mg/Kg		10/04/22 16:37	10/06/22 14:58	1
m-Xylene & p-Xylene	<0.00402	U *+	0.00402		mg/Kg		10/04/22 16:37	10/06/22 14:58	1
o-Xylene	<0.00201	U *+	0.00201		mg/Kg		10/04/22 16:37	10/06/22 14:58	1
Xylenes, Total	<0.00402	U *+	0.00402		mg/Kg		10/04/22 16:37	10/06/22 14:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*191*	*S1+*	*70 - 130*	*10/04/22 16:37*	*10/06/22 14:58*	*1*
1,4-Difluorobenzene (Surr)	*75*		*70 - 130*	*10/04/22 16:37*	*10/06/22 14:58*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			10/06/22 09:04	1

Method: SW846 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			09/28/22 09:33	1

Method: SW846 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		09/27/22 09:11	09/28/22 13:43	1
Diesel Range Organics (Over C10-C28)	<49.9	U *+	49.9		mg/Kg		09/27/22 09:11	09/28/22 13:43	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		09/27/22 09:11	09/28/22 13:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*120*		*70 - 130*	*09/27/22 09:11*	*09/28/22 13:43*	*1*
o-Terphenyl	*111*		*70 - 130*	*09/27/22 09:11*	*09/28/22 13:43*	*1*

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**64.5**		4.97		mg/Kg			09/28/22 01:07	1

Client Sample Results

Client: NT Global
Project/Site: Hamon State #001

Job ID: 880-19596-1
SDG: Lea Co, NM

Client Sample ID: CS-29 (5')

Lab Sample ID: 880-19596-29
Date Collected: 09/23/22 00:00
Matrix: Solid
Date Received: 09/23/22 14:22

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U *+	0.00202		mg/Kg		10/04/22 16:37	10/06/22 15:24	1
Toluene	<0.00202	U *+	0.00202		mg/Kg		10/04/22 16:37	10/06/22 15:24	1
Ethylbenzene	<0.00202	U *+	0.00202		mg/Kg		10/04/22 16:37	10/06/22 15:24	1
m-Xylene & p-Xylene	<0.00403	U *+	0.00403		mg/Kg		10/04/22 16:37	10/06/22 15:24	1
o-Xylene	<0.00202	U *+	0.00202		mg/Kg		10/04/22 16:37	10/06/22 15:24	1
Xylenes, Total	<0.00403	U *+	0.00403		mg/Kg		10/04/22 16:37	10/06/22 15:24	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*193*	*S1+*	*70 - 130*	*10/04/22 16:37*	*10/06/22 15:24*	*1*
1,4-Difluorobenzene (Surr)	*81*		*70 - 130*	*10/04/22 16:37*	*10/06/22 15:24*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00403	U	0.00403		mg/Kg			10/06/22 09:04	1

Method: SW846 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			09/28/22 09:33	1

Method: SW846 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		09/27/22 09:11	09/28/22 14:05	1
Diesel Range Organics (Over C10-C28)	<50.0	U *+	50.0		mg/Kg		09/27/22 09:11	09/28/22 14:05	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		09/27/22 09:11	09/28/22 14:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*120*		*70 - 130*	*09/27/22 09:11*	*09/28/22 14:05*	*1*
o-Terphenyl	*112*		*70 - 130*	*09/27/22 09:11*	*09/28/22 14:05*	*1*

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**60.6**		4.95		mg/Kg			09/28/22 01:13	1

Client Sample ID: CS-30 (5')

Lab Sample ID: 880-19596-30
Date Collected: 09/23/22 00:00
Matrix: Solid
Date Received: 09/23/22 14:22

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U *+	0.00200		mg/Kg		10/04/22 16:37	10/06/22 15:50	1
Toluene	<0.00200	U *+	0.00200		mg/Kg		10/04/22 16:37	10/06/22 15:50	1
Ethylbenzene	<0.00200	U *+	0.00200		mg/Kg		10/04/22 16:37	10/06/22 15:50	1
m-Xylene & p-Xylene	<0.00399	U *+	0.00399		mg/Kg		10/04/22 16:37	10/06/22 15:50	1
o-Xylene	<0.00200	U *+	0.00200		mg/Kg		10/04/22 16:37	10/06/22 15:50	1
Xylenes, Total	<0.00399	U *+	0.00399		mg/Kg		10/04/22 16:37	10/06/22 15:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*194*	*S1+*	*70 - 130*	*10/04/22 16:37*	*10/06/22 15:50*	*1*
1,4-Difluorobenzene (Surr)	*87*		*70 - 130*	*10/04/22 16:37*	*10/06/22 15:50*	*1*

Client Sample Results

Client: NT Global
Project/Site: Hamon State #001

Job ID: 880-19596-1
SDG: Lea Co, NM

Client Sample ID: CS-30 (5')

Lab Sample ID: 880-19596-30
Matrix: Solid
Date Collected: 09/23/22 00:00
Date Received: 09/23/22 14:22

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			10/06/22 09:04	1

Method: SW846 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			09/28/22 09:33	1

Method: SW846 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		09/27/22 09:11	09/28/22 14:26	1
Diesel Range Organics (Over C10-C28)	<49.9	U *+	49.9		mg/Kg		09/27/22 09:11	09/28/22 14:26	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		09/27/22 09:11	09/28/22 14:26	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*110*		*70 - 130*	*09/27/22 09:11*	*09/28/22 14:26*	*1*
o-Terphenyl	*101*		*70 - 130*	*09/27/22 09:11*	*09/28/22 14:26*	*1*

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**74.2**		5.02		mg/Kg			09/28/22 01:26	1

Client Sample ID: CS-31 (5')

Lab Sample ID: 880-19596-31
Matrix: Solid
Date Collected: 09/23/22 00:00
Date Received: 09/23/22 14:22

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U *+	0.00199		mg/Kg		10/04/22 16:37	10/06/22 17:33	1
Toluene	<0.00199	U *+	0.00199		mg/Kg		10/04/22 16:37	10/06/22 17:33	1
Ethylbenzene	<0.00199	U *+	0.00199		mg/Kg		10/04/22 16:37	10/06/22 17:33	1
m-Xylene & p-Xylene	<0.00398	U *+	0.00398		mg/Kg		10/04/22 16:37	10/06/22 17:33	1
o-Xylene	<0.00199	U *+	0.00199		mg/Kg		10/04/22 16:37	10/06/22 17:33	1
Xylenes, Total	<0.00398	U *+	0.00398		mg/Kg		10/04/22 16:37	10/06/22 17:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*203*	*S1+*	*70 - 130*	*10/04/22 16:37*	*10/06/22 17:33*	*1*
1,4-Difluorobenzene (Surr)	*79*		*70 - 130*	*10/04/22 16:37*	*10/06/22 17:33*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			10/06/22 09:04	1

Method: SW846 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			09/28/22 09:33	1

Method: SW846 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		09/27/22 09:11	09/28/22 15:09	1
Diesel Range Organics (Over C10-C28)	<50.0	U *+	50.0		mg/Kg		09/27/22 09:11	09/28/22 15:09	1

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Client Sample Results

Client: NT Global
Project/Site: Hamon State #001

Job ID: 880-19596-1
SDG: Lea Co, NM

Client Sample ID: CS-31 (5')

Lab Sample ID: 880-19596-31
Matrix: Solid
Date Collected: 09/23/22 00:00
Date Received: 09/23/22 14:22

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		09/27/22 09:11	09/28/22 15:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*110*		*70 - 130*	*09/27/22 09:11*	*09/28/22 15:09*	*1*
o-Terphenyl	*105*		*70 - 130*	*09/27/22 09:11*	*09/28/22 15:09*	*1*

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**104**		5.04		mg/Kg			09/28/22 01:32	1

Client Sample ID: CS-32 (5')

Lab Sample ID: 880-19596-32
Matrix: Solid
Date Collected: 09/23/22 00:00
Date Received: 09/23/22 14:22

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U *+	0.00199		mg/Kg		10/04/22 16:37	10/06/22 17:59	1
Toluene	<0.00199	U *+	0.00199		mg/Kg		10/04/22 16:37	10/06/22 17:59	1
Ethylbenzene	<0.00199	U *+	0.00199		mg/Kg		10/04/22 16:37	10/06/22 17:59	1
m-Xylene & p-Xylene	<0.00398	U *+	0.00398		mg/Kg		10/04/22 16:37	10/06/22 17:59	1
o-Xylene	<0.00199	U *+	0.00199		mg/Kg		10/04/22 16:37	10/06/22 17:59	1
Xylenes, Total	<0.00398	U *+	0.00398		mg/Kg		10/04/22 16:37	10/06/22 17:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*202*	*S1+*	*70 - 130*	*10/04/22 16:37*	*10/06/22 17:59*	*1*
1,4-Difluorobenzene (Surr)	*75*		*70 - 130*	*10/04/22 16:37*	*10/06/22 17:59*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			10/06/22 09:04	1

Method: SW846 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			09/28/22 09:33	1

Method: SW846 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		09/27/22 09:11	09/28/22 15:31	1
Diesel Range Organics (Over C10-C28)	<49.9	U *+	49.9		mg/Kg		09/27/22 09:11	09/28/22 15:31	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		09/27/22 09:11	09/28/22 15:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*117*		*70 - 130*	*09/27/22 09:11*	*09/28/22 15:31*	*1*
o-Terphenyl	*108*		*70 - 130*	*09/27/22 09:11*	*09/28/22 15:31*	*1*

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**59.6**		4.98		mg/Kg			09/28/22 01:51	1

Client Sample Results

Client: NT Global
Project/Site: Hamon State #001

Job ID: 880-19596-1
SDG: Lea Co, NM

Client Sample ID: CS-33 (5')

Lab Sample ID: 880-19596-33
Matrix: Solid
Date Collected: 09/23/22 00:00
Date Received: 09/23/22 14:22

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U *+	0.00200		mg/Kg		10/04/22 16:37	10/06/22 18:25	1
Toluene	<0.00200	U *+	0.00200		mg/Kg		10/04/22 16:37	10/06/22 18:25	1
Ethylbenzene	<0.00200	U *+	0.00200		mg/Kg		10/04/22 16:37	10/06/22 18:25	1
m-Xylene & p-Xylene	<0.00400	U *+	0.00400		mg/Kg		10/04/22 16:37	10/06/22 18:25	1
o-Xylene	<0.00200	U *+	0.00200		mg/Kg		10/04/22 16:37	10/06/22 18:25	1
Xylenes, Total	<0.00400	U *+	0.00400		mg/Kg		10/04/22 16:37	10/06/22 18:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*193*	*S1+*	*70 - 130*	*10/04/22 16:37*	*10/06/22 18:25*	*1*
1,4-Difluorobenzene (Surr)	*72*		*70 - 130*	*10/04/22 16:37*	*10/06/22 18:25*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00400	U	0.00400		mg/Kg			10/06/22 09:04	1

Method: SW846 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			09/28/22 09:33	1

Method: SW846 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		09/27/22 09:11	09/28/22 15:53	1
Diesel Range Organics (Over C10-C28)	<50.0	U *+	50.0		mg/Kg		09/27/22 09:11	09/28/22 15:53	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		09/27/22 09:11	09/28/22 15:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*102*		*70 - 130*	*09/27/22 09:11*	*09/28/22 15:53*	*1*
o-Terphenyl	*95*		*70 - 130*	*09/27/22 09:11*	*09/28/22 15:53*	*1*

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**60.2**		4.96		mg/Kg			09/28/22 01:57	1

Client Sample ID: CS-34 (5')

Lab Sample ID: 880-19596-34
Matrix: Solid
Date Collected: 09/23/22 00:00
Date Received: 09/23/22 14:22

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U *+	0.00200		mg/Kg		10/04/22 16:37	10/06/22 18:51	1
Toluene	<0.00200	U *+	0.00200		mg/Kg		10/04/22 16:37	10/06/22 18:51	1
Ethylbenzene	<0.00200	U *+	0.00200		mg/Kg		10/04/22 16:37	10/06/22 18:51	1
m-Xylene & p-Xylene	<0.00401	U *+	0.00401		mg/Kg		10/04/22 16:37	10/06/22 18:51	1
o-Xylene	<0.00200	U *+	0.00200		mg/Kg		10/04/22 16:37	10/06/22 18:51	1
Xylenes, Total	<0.00401	U *+	0.00401		mg/Kg		10/04/22 16:37	10/06/22 18:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*209*	*S1+*	*70 - 130*	*10/04/22 16:37*	*10/06/22 18:51*	*1*
1,4-Difluorobenzene (Surr)	*76*		*70 - 130*	*10/04/22 16:37*	*10/06/22 18:51*	*1*

Client Sample Results

Client: NT Global
Project/Site: Hamon State #001

Job ID: 880-19596-1
SDG: Lea Co, NM

Client Sample ID: CS-34 (5')

Lab Sample ID: 880-19596-34
Matrix: Solid
Date Collected: 09/23/22 00:00
Date Received: 09/23/22 14:22

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			10/06/22 09:04	1

Method: SW846 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			09/28/22 09:33	1

Method: SW846 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		09/27/22 09:11	09/28/22 16:14	1
Diesel Range Organics (Over C10-C28)	<49.9	U *+	49.9		mg/Kg		09/27/22 09:11	09/28/22 16:14	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		09/27/22 09:11	09/28/22 16:14	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*104*		*70 - 130*	*09/27/22 09:11*	*09/28/22 16:14*	*1*
o-Terphenyl	*97*		*70 - 130*	*09/27/22 09:11*	*09/28/22 16:14*	*1*

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**92.4**		5.00		mg/Kg			09/28/22 02:16	1

Client Sample ID: CS-35 (5')

Lab Sample ID: 880-19596-35
Matrix: Solid
Date Collected: 09/23/22 00:00
Date Received: 09/23/22 14:22

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U *+	0.00202		mg/Kg		10/04/22 16:37	10/06/22 19:17	1
Toluene	<0.00202	U *+	0.00202		mg/Kg		10/04/22 16:37	10/06/22 19:17	1
Ethylbenzene	<0.00202	U *+	0.00202		mg/Kg		10/04/22 16:37	10/06/22 19:17	1
m-Xylene & p-Xylene	<0.00404	U *+	0.00404		mg/Kg		10/04/22 16:37	10/06/22 19:17	1
o-Xylene	<0.00202	U *+	0.00202		mg/Kg		10/04/22 16:37	10/06/22 19:17	1
Xylenes, Total	<0.00404	U *+	0.00404		mg/Kg		10/04/22 16:37	10/06/22 19:17	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*204*	*S1+*	*70 - 130*	*10/04/22 16:37*	*10/06/22 19:17*	*1*
1,4-Difluorobenzene (Surr)	*77*		*70 - 130*	*10/04/22 16:37*	*10/06/22 19:17*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			10/06/22 09:04	1

Method: SW846 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			09/28/22 09:33	1

Method: SW846 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		09/27/22 09:11	09/28/22 16:36	1
Diesel Range Organics (Over C10-C28)	<49.9	U *+	49.9		mg/Kg		09/27/22 09:11	09/28/22 16:36	1

Eurofins Midland

Client Sample Results

Client: NT Global
Project/Site: Hamon State #001

Job ID: 880-19596-1
SDG: Lea Co, NM

Client Sample ID: CS-35 (5')

Lab Sample ID: 880-19596-35
Matrix: Solid
Date Collected: 09/23/22 00:00
Date Received: 09/23/22 14:22

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		09/27/22 09:11	09/28/22 16:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*101*		*70 - 130*	*09/27/22 09:11*	*09/28/22 16:36*	*1*
o-Terphenyl	*94*		*70 - 130*	*09/27/22 09:11*	*09/28/22 16:36*	*1*

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**80.4**		4.95		mg/Kg			09/28/22 02:22	1

Client Sample ID: CS-36 (5')

Lab Sample ID: 880-19596-36
Matrix: Solid
Date Collected: 09/23/22 00:00
Date Received: 09/23/22 14:22

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U *+	0.00201		mg/Kg		10/04/22 16:37	10/06/22 19:43	1
Toluene	<0.00201	U *+	0.00201		mg/Kg		10/04/22 16:37	10/06/22 19:43	1
Ethylbenzene	<0.00201	U *+	0.00201		mg/Kg		10/04/22 16:37	10/06/22 19:43	1
m-Xylene & p-Xylene	<0.00402	U *+	0.00402		mg/Kg		10/04/22 16:37	10/06/22 19:43	1
o-Xylene	<0.00201	U *+	0.00201		mg/Kg		10/04/22 16:37	10/06/22 19:43	1
Xylenes, Total	<0.00402	U *+	0.00402		mg/Kg		10/04/22 16:37	10/06/22 19:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*198*	*S1+*	*70 - 130*	*10/04/22 16:37*	*10/06/22 19:43*	*1*
1,4-Difluorobenzene (Surr)	*75*		*70 - 130*	*10/04/22 16:37*	*10/06/22 19:43*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			10/06/22 09:04	1

Method: SW846 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			09/28/22 09:33	1

Method: SW846 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		09/27/22 09:11	09/28/22 16:58	1
Diesel Range Organics (Over C10-C28)	<50.0	U *+	50.0		mg/Kg		09/27/22 09:11	09/28/22 16:58	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		09/27/22 09:11	09/28/22 16:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*118*		*70 - 130*	*09/27/22 09:11*	*09/28/22 16:58*	*1*
o-Terphenyl	*112*		*70 - 130*	*09/27/22 09:11*	*09/28/22 16:58*	*1*

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**102**		5.03		mg/Kg			09/28/22 02:28	1

Client Sample Results

Client: NT Global
Project/Site: Hamon State #001

Job ID: 880-19596-1
SDG: Lea Co, NM

Client Sample ID: CS-37 (5')

Lab Sample ID: 880-19596-37
Matrix: Solid
Date Collected: 09/23/22 00:00
Date Received: 09/23/22 14:22

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U *+	0.00200		mg/Kg		10/04/22 16:37	10/06/22 20:09	1
Toluene	<0.00200	U *+	0.00200		mg/Kg		10/04/22 16:37	10/06/22 20:09	1
Ethylbenzene	<0.00200	U *+	0.00200		mg/Kg		10/04/22 16:37	10/06/22 20:09	1
m-Xylene & p-Xylene	<0.00399	U *+	0.00399		mg/Kg		10/04/22 16:37	10/06/22 20:09	1
o-Xylene	<0.00200	U *+	0.00200		mg/Kg		10/04/22 16:37	10/06/22 20:09	1
Xylenes, Total	<0.00399	U *+	0.00399		mg/Kg		10/04/22 16:37	10/06/22 20:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*196*	*S1+*	*70 - 130*	*10/04/22 16:37*	*10/06/22 20:09*	*1*
1,4-Difluorobenzene (Surr)	*76*		*70 - 130*	*10/04/22 16:37*	*10/06/22 20:09*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			10/06/22 09:04	1

Method: SW846 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			09/28/22 09:33	1

Method: SW846 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		09/27/22 09:11	09/28/22 17:20	1
Diesel Range Organics (Over C10-C28)	<50.0	U *+	50.0		mg/Kg		09/27/22 09:11	09/28/22 17:20	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		09/27/22 09:11	09/28/22 17:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*104*		*70 - 130*	*09/27/22 09:11*	*09/28/22 17:20*	*1*
o-Terphenyl	*97*		*70 - 130*	*09/27/22 09:11*	*09/28/22 17:20*	*1*

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	111		4.98		mg/Kg			09/28/22 02:34	1

Client Sample ID: CS-38 (6')

Lab Sample ID: 880-19596-38
Matrix: Solid
Date Collected: 09/23/22 00:00
Date Received: 09/23/22 14:22

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U *+	0.00199		mg/Kg		10/04/22 16:37	10/06/22 20:36	1
Toluene	<0.00199	U *+	0.00199		mg/Kg		10/04/22 16:37	10/06/22 20:36	1
Ethylbenzene	<0.00199	U *+	0.00199		mg/Kg		10/04/22 16:37	10/06/22 20:36	1
m-Xylene & p-Xylene	<0.00398	U *+	0.00398		mg/Kg		10/04/22 16:37	10/06/22 20:36	1
o-Xylene	<0.00199	U *+	0.00199		mg/Kg		10/04/22 16:37	10/06/22 20:36	1
Xylenes, Total	<0.00398	U *+	0.00398		mg/Kg		10/04/22 16:37	10/06/22 20:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*207*	*S1+*	*70 - 130*	*10/04/22 16:37*	*10/06/22 20:36*	*1*
1,4-Difluorobenzene (Surr)	*77*		*70 - 130*	*10/04/22 16:37*	*10/06/22 20:36*	*1*

Client Sample Results

Client: NT Global
Project/Site: Hamon State #001

Job ID: 880-19596-1
SDG: Lea Co, NM

Client Sample ID: CS-38 (6')

Lab Sample ID: 880-19596-38
Matrix: Solid
Date Collected: 09/23/22 00:00
Date Received: 09/23/22 14:22

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			10/06/22 09:04	1

Method: SW846 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			09/28/22 09:33	1

Method: SW846 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		09/27/22 09:11	09/28/22 17:41	1
Diesel Range Organics (Over C10-C28)	<50.0	U *+	50.0		mg/Kg		09/27/22 09:11	09/28/22 17:41	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		09/27/22 09:11	09/28/22 17:41	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*126*		*70 - 130*	*09/27/22 09:11*	*09/28/22 17:41*	*1*
o-Terphenyl	*119*		*70 - 130*	*09/27/22 09:11*	*09/28/22 17:41*	*1*

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**64.6**		5.02		mg/Kg			09/28/22 02:40	1

Client Sample ID: CS-39 (6')

Lab Sample ID: 880-19596-39
Matrix: Solid
Date Collected: 09/23/22 00:00
Date Received: 09/23/22 14:22

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U *+	0.00199		mg/Kg		10/04/22 16:37	10/06/22 21:02	1
Toluene	<0.00199	U *+	0.00199		mg/Kg		10/04/22 16:37	10/06/22 21:02	1
Ethylbenzene	<0.00199	U *+	0.00199		mg/Kg		10/04/22 16:37	10/06/22 21:02	1
m-Xylene & p-Xylene	<0.00398	U *+	0.00398		mg/Kg		10/04/22 16:37	10/06/22 21:02	1
o-Xylene	<0.00199	U *+	0.00199		mg/Kg		10/04/22 16:37	10/06/22 21:02	1
Xylenes, Total	<0.00398	U *+	0.00398		mg/Kg		10/04/22 16:37	10/06/22 21:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*201*	*S1+*	*70 - 130*	*10/04/22 16:37*	*10/06/22 21:02*	*1*
1,4-Difluorobenzene (Surr)	*75*		*70 - 130*	*10/04/22 16:37*	*10/06/22 21:02*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			10/06/22 09:04	1

Method: SW846 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			09/28/22 09:33	1

Method: SW846 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		09/27/22 09:11	09/28/22 18:03	1
Diesel Range Organics (Over C10-C28)	<49.9	U *+	49.9		mg/Kg		09/27/22 09:11	09/28/22 18:03	1

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Client Sample Results

Client: NT Global
Project/Site: Hamon State #001

Job ID: 880-19596-1
SDG: Lea Co, NM

Client Sample ID: CS-39 (6')

Lab Sample ID: 880-19596-39
Matrix: Solid
Date Collected: 09/23/22 00:00
Date Received: 09/23/22 14:22

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		09/27/22 09:11	09/28/22 18:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*104*		*70 - 130*	*09/27/22 09:11*	*09/28/22 18:03*	*1*
o-Terphenyl	*98*		*70 - 130*	*09/27/22 09:11*	*09/28/22 18:03*	*1*

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**69.0**		4.97		mg/Kg			09/28/22 02:47	1

Client Sample ID: CS-40 (6')

Lab Sample ID: 880-19596-40
Matrix: Solid
Date Collected: 09/23/22 00:00
Date Received: 09/23/22 14:22

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U *+	0.00200		mg/Kg		10/04/22 16:37	10/06/22 21:28	1
Toluene	<0.00200	U *+	0.00200		mg/Kg		10/04/22 16:37	10/06/22 21:28	1
Ethylbenzene	<0.00200	U *+	0.00200		mg/Kg		10/04/22 16:37	10/06/22 21:28	1
m-Xylene & p-Xylene	<0.00401	U *+	0.00401		mg/Kg		10/04/22 16:37	10/06/22 21:28	1
o-Xylene	<0.00200	U *+	0.00200		mg/Kg		10/04/22 16:37	10/06/22 21:28	1
Xylenes, Total	<0.00401	U *+	0.00401		mg/Kg		10/04/22 16:37	10/06/22 21:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*232*	*S1+*	*70 - 130*	*10/04/22 16:37*	*10/06/22 21:28*	*1*
1,4-Difluorobenzene (Surr)	*89*		*70 - 130*	*10/04/22 16:37*	*10/06/22 21:28*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			10/06/22 09:04	1

Method: SW846 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			09/28/22 09:33	1

Method: SW846 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		09/27/22 09:11	09/28/22 18:25	1
Diesel Range Organics (Over C10-C28)	<49.9	U *+	49.9		mg/Kg		09/27/22 09:11	09/28/22 18:25	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		09/27/22 09:11	09/28/22 18:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*102*		*70 - 130*	*09/27/22 09:11*	*09/28/22 18:25*	*1*
o-Terphenyl	*100*		*70 - 130*	*09/27/22 09:11*	*09/28/22 18:25*	*1*

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**72.7**		4.95		mg/Kg			09/28/22 02:53	1

Client Sample Results

Client: NT Global
Project/Site: Hamon State #001

Job ID: 880-19596-1
SDG: Lea Co, NM

Client Sample ID: SW-1

Lab Sample ID: 880-19596-41
Matrix: Solid
Date Collected: 09/23/22 00:00
Date Received: 09/23/22 14:22

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		10/04/22 16:39	10/07/22 12:13	1
Toluene	<0.00201	U	0.00201		mg/Kg		10/04/22 16:39	10/07/22 12:13	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		10/04/22 16:39	10/07/22 12:13	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		10/04/22 16:39	10/07/22 12:13	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		10/04/22 16:39	10/07/22 12:13	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		10/04/22 16:39	10/07/22 12:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*97*		*70 - 130*	*10/04/22 16:39*	*10/07/22 12:13*	*1*
1,4-Difluorobenzene (Surr)	*81*		*70 - 130*	*10/04/22 16:39*	*10/07/22 12:13*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			10/06/22 09:04	1

Method: SW846 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			09/28/22 09:33	1

Method: SW846 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		09/27/22 09:14	09/28/22 10:28	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		09/27/22 09:14	09/28/22 10:28	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		09/27/22 09:14	09/28/22 10:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*79*		*70 - 130*	*09/27/22 09:14*	*09/28/22 10:28*	*1*
o-Terphenyl	*82*		*70 - 130*	*09/27/22 09:14*	*09/28/22 10:28*	*1*

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**104**		4.96		mg/Kg			09/28/22 03:42	1

Client Sample ID: SW-2

Lab Sample ID: 880-19596-42
Matrix: Solid
Date Collected: 09/23/22 00:00
Date Received: 09/23/22 14:22

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		10/04/22 16:39	10/07/22 12:39	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/04/22 16:39	10/07/22 12:39	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/04/22 16:39	10/07/22 12:39	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		10/04/22 16:39	10/07/22 12:39	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/04/22 16:39	10/07/22 12:39	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		10/04/22 16:39	10/07/22 12:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*106*		*70 - 130*	*10/04/22 16:39*	*10/07/22 12:39*	*1*
1,4-Difluorobenzene (Surr)	*84*		*70 - 130*	*10/04/22 16:39*	*10/07/22 12:39*	*1*

Client Sample Results

Client: NT Global
Project/Site: Hamon State #001

Job ID: 880-19596-1
SDG: Lea Co, NM

Client Sample ID: SW-2

Lab Sample ID: 880-19596-42
Matrix: Solid
Date Collected: 09/23/22 00:00
Date Received: 09/23/22 14:22

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			10/06/22 09:04	1

Method: SW846 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			09/28/22 09:33	1

Method: SW846 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		09/27/22 09:14	09/28/22 11:32	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		09/27/22 09:14	09/28/22 11:32	1
OII Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		09/27/22 09:14	09/28/22 11:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*93*		*70 - 130*	*09/27/22 09:14*	*09/28/22 11:32*	*1*
o-Terphenyl	*97*		*70 - 130*	*09/27/22 09:14*	*09/28/22 11:32*	*1*

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	122		5.02		mg/Kg			09/28/22 04:01	1

Client Sample ID: SW-3

Lab Sample ID: 880-19596-43
Matrix: Solid
Date Collected: 09/23/22 00:00
Date Received: 09/23/22 14:22

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		10/04/22 16:39	10/07/22 13:05	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/04/22 16:39	10/07/22 13:05	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/04/22 16:39	10/07/22 13:05	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		10/04/22 16:39	10/07/22 13:05	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/04/22 16:39	10/07/22 13:05	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		10/04/22 16:39	10/07/22 13:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*104*		*70 - 130*	*10/04/22 16:39*	*10/07/22 13:05*	*1*
1,4-Difluorobenzene (Surr)	*85*		*70 - 130*	*10/04/22 16:39*	*10/07/22 13:05*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			10/06/22 09:04	1

Method: SW846 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			09/28/22 09:33	1

Method: SW846 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		09/27/22 09:14	09/28/22 11:54	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		09/27/22 09:14	09/28/22 11:54	1

Client Sample Results

Client: NT Global
Project/Site: Hamon State #001

Job ID: 880-19596-1
SDG: Lea Co, NM

Client Sample ID: SW-3

Lab Sample ID: 880-19596-43
Matrix: Solid
Date Collected: 09/23/22 00:00
Date Received: 09/23/22 14:22

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		09/27/22 09:14	09/28/22 11:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*82*		*70 - 130*	*09/27/22 09:14*	*09/28/22 11:54*	*1*
o-Terphenyl	*84*		*70 - 130*	*09/27/22 09:14*	*09/28/22 11:54*	*1*

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**88.2**		5.05		mg/Kg			09/28/22 04:07	1

Client Sample ID: SW-4

Lab Sample ID: 880-19596-44
Matrix: Solid
Date Collected: 09/23/22 00:00
Date Received: 09/23/22 14:22

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		10/04/22 16:39	10/07/22 13:31	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/04/22 16:39	10/07/22 13:31	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/04/22 16:39	10/07/22 13:31	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		10/04/22 16:39	10/07/22 13:31	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/04/22 16:39	10/07/22 13:31	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		10/04/22 16:39	10/07/22 13:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*125*		*70 - 130*	*10/04/22 16:39*	*10/07/22 13:31*	*1*
1,4-Difluorobenzene (Surr)	*95*		*70 - 130*	*10/04/22 16:39*	*10/07/22 13:31*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			10/06/22 09:04	1

Method: SW846 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			09/28/22 09:33	1

Method: SW846 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		09/27/22 09:14	09/28/22 12:16	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		09/27/22 09:14	09/28/22 12:16	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		09/27/22 09:14	09/28/22 12:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*80*		*70 - 130*	*09/27/22 09:14*	*09/28/22 12:16*	*1*
o-Terphenyl	*84*		*70 - 130*	*09/27/22 09:14*	*09/28/22 12:16*	*1*

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**109**		5.05		mg/Kg			09/28/22 04:13	1

Client Sample Results

Client: NT Global
Project/Site: Hamon State #001

Job ID: 880-19596-1
SDG: Lea Co, NM

Client Sample ID: SW-5

Lab Sample ID: 880-19596-45
Matrix: Solid
Date Collected: 09/23/22 00:00
Date Received: 09/23/22 14:22

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		10/04/22 16:39	10/07/22 13:57	1
Toluene	<0.00199	U	0.00199		mg/Kg		10/04/22 16:39	10/07/22 13:57	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		10/04/22 16:39	10/07/22 13:57	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		10/04/22 16:39	10/07/22 13:57	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		10/04/22 16:39	10/07/22 13:57	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		10/04/22 16:39	10/07/22 13:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*116*		*70 - 130*	*10/04/22 16:39*	*10/07/22 13:57*	*1*
1,4-Difluorobenzene (Surr)	*98*		*70 - 130*	*10/04/22 16:39*	*10/07/22 13:57*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			10/06/22 09:04	1

Method: SW846 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			09/28/22 09:33	1

Method: SW846 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		09/27/22 09:14	09/28/22 12:38	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		09/27/22 09:14	09/28/22 12:38	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		09/27/22 09:14	09/28/22 12:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*88*		*70 - 130*	*09/27/22 09:14*	*09/28/22 12:38*	*1*
o-Terphenyl	*92*		*70 - 130*	*09/27/22 09:14*	*09/28/22 12:38*	*1*

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**78.8**		5.01		mg/Kg			09/28/22 04:20	1

Client Sample ID: SW-6

Lab Sample ID: 880-19596-46
Matrix: Solid
Date Collected: 09/23/22 00:00
Date Received: 09/23/22 14:22

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		10/04/22 16:39	10/07/22 14:23	1
Toluene	<0.00201	U	0.00201		mg/Kg		10/04/22 16:39	10/07/22 14:23	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		10/04/22 16:39	10/07/22 14:23	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		10/04/22 16:39	10/07/22 14:23	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		10/04/22 16:39	10/07/22 14:23	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		10/04/22 16:39	10/07/22 14:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*114*		*70 - 130*	*10/04/22 16:39*	*10/07/22 14:23*	*1*
1,4-Difluorobenzene (Surr)	*95*		*70 - 130*	*10/04/22 16:39*	*10/07/22 14:23*	*1*

Client Sample Results

Client: NT Global
Project/Site: Hamon State #001

Job ID: 880-19596-1
SDG: Lea Co, NM

Client Sample ID: SW-6

Lab Sample ID: 880-19596-46
Matrix: Solid
Date Collected: 09/23/22 00:00
Date Received: 09/23/22 14:22

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			10/06/22 09:04	1

Method: SW846 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			09/28/22 09:33	1

Method: SW846 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		09/27/22 09:14	09/28/22 12:59	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		09/27/22 09:14	09/28/22 12:59	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		09/27/22 09:14	09/28/22 12:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*69*	*S1-*	*70 - 130*	*09/27/22 09:14*	*09/28/22 12:59*	*1*
o-Terphenyl	*71*		*70 - 130*	*09/27/22 09:14*	*09/28/22 12:59*	*1*

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	117		4.97		mg/Kg			09/28/22 04:38	1

Client Sample ID: SW-7

Lab Sample ID: 880-19596-47
Matrix: Solid
Date Collected: 09/23/22 00:00
Date Received: 09/23/22 14:22

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		10/04/22 16:39	10/07/22 14:49	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/04/22 16:39	10/07/22 14:49	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/04/22 16:39	10/07/22 14:49	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		10/04/22 16:39	10/07/22 14:49	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/04/22 16:39	10/07/22 14:49	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		10/04/22 16:39	10/07/22 14:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*110*		*70 - 130*	*10/04/22 16:39*	*10/07/22 14:49*	*1*
1,4-Difluorobenzene (Surr)	*89*		*70 - 130*	*10/04/22 16:39*	*10/07/22 14:49*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			10/06/22 09:04	1

Method: SW846 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			09/28/22 09:33	1

Method: SW846 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		09/27/22 09:14	09/28/22 13:21	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		09/27/22 09:14	09/28/22 13:21	1

Eurofins Midland

Client Sample Results

Client: NT Global
Project/Site: Hamon State #001

Job ID: 880-19596-1
SDG: Lea Co, NM

Client Sample ID: SW-7

Lab Sample ID: 880-19596-47
Matrix: Solid
Date Collected: 09/23/22 00:00
Date Received: 09/23/22 14:22

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		09/27/22 09:14	09/28/22 13:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*81*		*70 - 130*	*09/27/22 09:14*	*09/28/22 13:21*	*1*
o-Terphenyl	*83*		*70 - 130*	*09/27/22 09:14*	*09/28/22 13:21*	*1*

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**125**		5.03		mg/Kg			09/28/22 04:45	1

Client Sample ID: SW-8

Lab Sample ID: 880-19596-48
Matrix: Solid
Date Collected: 09/23/22 00:00
Date Received: 09/23/22 14:22

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		10/04/22 16:39	10/07/22 15:15	1
Toluene	<0.00199	U	0.00199		mg/Kg		10/04/22 16:39	10/07/22 15:15	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		10/04/22 16:39	10/07/22 15:15	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		10/04/22 16:39	10/07/22 15:15	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		10/04/22 16:39	10/07/22 15:15	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		10/04/22 16:39	10/07/22 15:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*109*		*70 - 130*	*10/04/22 16:39*	*10/07/22 15:15*	*1*
1,4-Difluorobenzene (Surr)	*92*		*70 - 130*	*10/04/22 16:39*	*10/07/22 15:15*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			10/06/22 09:04	1

Method: SW846 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			09/28/22 09:33	1

Method: SW846 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		09/27/22 09:14	09/28/22 13:43	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		09/27/22 09:14	09/28/22 13:43	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		09/27/22 09:14	09/28/22 13:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*86*		*70 - 130*	*09/27/22 09:14*	*09/28/22 13:43*	*1*
o-Terphenyl	*89*		*70 - 130*	*09/27/22 09:14*	*09/28/22 13:43*	*1*

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**122**		5.02		mg/Kg			09/28/22 04:51	1

Client Sample Results

Client: NT Global
Project/Site: Hamon State #001

Job ID: 880-19596-1
SDG: Lea Co, NM

Client Sample ID: SW-9

Lab Sample ID: 880-19596-49
Matrix: Solid
Date Collected: 09/23/22 00:00
Date Received: 09/23/22 14:22

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		10/04/22 16:39	10/07/22 15:41	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/04/22 16:39	10/07/22 15:41	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/04/22 16:39	10/07/22 15:41	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		10/04/22 16:39	10/07/22 15:41	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/04/22 16:39	10/07/22 15:41	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		10/04/22 16:39	10/07/22 15:41	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*122*		*70 - 130*	*10/04/22 16:39*	*10/07/22 15:41*	*1*
1,4-Difluorobenzene (Surr)	*99*		*70 - 130*	*10/04/22 16:39*	*10/07/22 15:41*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00400	U	0.00400		mg/Kg			10/06/22 09:04	1

Method: SW846 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			09/28/22 09:33	1

Method: SW846 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		09/27/22 09:14	09/28/22 14:05	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		09/27/22 09:14	09/28/22 14:05	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		09/27/22 09:14	09/28/22 14:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*70*		*70 - 130*	*09/27/22 09:14*	*09/28/22 14:05*	*1*
o-Terphenyl	*72*		*70 - 130*	*09/27/22 09:14*	*09/28/22 14:05*	*1*

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	112		4.99		mg/Kg			09/28/22 04:57	1

Client Sample ID: SW-10

Lab Sample ID: 880-19596-50
Matrix: Solid
Date Collected: 09/23/22 00:00
Date Received: 09/23/22 14:22

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		10/04/22 16:39	10/07/22 16:07	1
Toluene	<0.00201	U	0.00201		mg/Kg		10/04/22 16:39	10/07/22 16:07	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		10/04/22 16:39	10/07/22 16:07	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		10/04/22 16:39	10/07/22 16:07	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		10/04/22 16:39	10/07/22 16:07	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		10/04/22 16:39	10/07/22 16:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*101*		*70 - 130*	*10/04/22 16:39*	*10/07/22 16:07*	*1*
1,4-Difluorobenzene (Surr)	*84*		*70 - 130*	*10/04/22 16:39*	*10/07/22 16:07*	*1*

Client Sample Results

Client: NT Global
Project/Site: Hamon State #001

Job ID: 880-19596-1
SDG: Lea Co, NM

Client Sample ID: SW-10

Date Collected: 09/23/22 00:00
Date Received: 09/23/22 14:22

Lab Sample ID: 880-19596-50
Matrix: Solid

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			10/06/22 09:04	1

Method: SW846 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			09/28/22 09:33	1

Method: SW846 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		09/27/22 09:14	09/28/22 14:26	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		09/27/22 09:14	09/28/22 14:26	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		09/27/22 09:14	09/28/22 14:26	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*95*		*70 - 130*	*09/27/22 09:14*	*09/28/22 14:26*	*1*
o-Terphenyl	*100*		*70 - 130*	*09/27/22 09:14*	*09/28/22 14:26*	*1*

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**90.0**		5.05		mg/Kg			09/28/22 05:03	1

Client Sample ID: SW-11

Date Collected: 09/23/22 00:00
Date Received: 09/23/22 14:22

Lab Sample ID: 880-19596-51
Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		10/04/22 16:39	10/07/22 17:55	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/04/22 16:39	10/07/22 17:55	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/04/22 16:39	10/07/22 17:55	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		10/04/22 16:39	10/07/22 17:55	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/04/22 16:39	10/07/22 17:55	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		10/04/22 16:39	10/07/22 17:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*105*		*70 - 130*	*10/04/22 16:39*	*10/07/22 17:55*	*1*
1,4-Difluorobenzene (Surr)	*80*		*70 - 130*	*10/04/22 16:39*	*10/07/22 17:55*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			10/06/22 09:04	1

Method: SW846 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			09/28/22 09:33	1

Method: SW846 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		09/27/22 09:14	09/28/22 15:09	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		09/27/22 09:14	09/28/22 15:09	1

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Client Sample Results

Client: NT Global
Project/Site: Hamon State #001

Job ID: 880-19596-1
SDG: Lea Co, NM

Client Sample ID: SW-11

Lab Sample ID: 880-19596-51
Matrix: Solid
Date Collected: 09/23/22 00:00
Date Received: 09/23/22 14:22

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		09/27/22 09:14	09/28/22 15:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*79*		*70 - 130*	*09/27/22 09:14*	*09/28/22 15:09*	*1*
o-Terphenyl	*83*		*70 - 130*	*09/27/22 09:14*	*09/28/22 15:09*	*1*

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**110**	**F1**	5.03		mg/Kg			09/28/22 05:09	1

Client Sample ID: SW-12

Lab Sample ID: 880-19596-52
Matrix: Solid
Date Collected: 09/23/22 00:00
Date Received: 09/23/22 14:22

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		10/04/22 16:39	10/07/22 18:21	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/04/22 16:39	10/07/22 18:21	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/04/22 16:39	10/07/22 18:21	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		10/04/22 16:39	10/07/22 18:21	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/04/22 16:39	10/07/22 18:21	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		10/04/22 16:39	10/07/22 18:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*117*		*70 - 130*	*10/04/22 16:39*	*10/07/22 18:21*	*1*
1,4-Difluorobenzene (Surr)	*82*		*70 - 130*	*10/04/22 16:39*	*10/07/22 18:21*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			10/06/22 09:04	1

Method: SW846 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			09/28/22 09:33	1

Method: SW846 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		09/27/22 09:14	09/28/22 15:31	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		09/27/22 09:14	09/28/22 15:31	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		09/27/22 09:14	09/28/22 15:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*87*		*70 - 130*	*09/27/22 09:14*	*09/28/22 15:31*	*1*
o-Terphenyl	*89*		*70 - 130*	*09/27/22 09:14*	*09/28/22 15:31*	*1*

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**138**		5.00		mg/Kg			09/28/22 05:28	1

Client Sample Results

Client: NT Global
Project/Site: Hamon State #001

Job ID: 880-19596-1
SDG: Lea Co, NM

Client Sample ID: SW-13

Date Collected: 09/23/22 00:00
Date Received: 09/23/22 14:22

Lab Sample ID: 880-19596-53
Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		10/04/22 16:39	10/07/22 18:47	1
Toluene	<0.00199	U	0.00199		mg/Kg		10/04/22 16:39	10/07/22 18:47	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		10/04/22 16:39	10/07/22 18:47	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		10/04/22 16:39	10/07/22 18:47	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		10/04/22 16:39	10/07/22 18:47	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		10/04/22 16:39	10/07/22 18:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*112*		*70 - 130*	*10/04/22 16:39*	*10/07/22 18:47*	*1*
1,4-Difluorobenzene (Surr)	*86*		*70 - 130*	*10/04/22 16:39*	*10/07/22 18:47*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			10/06/22 09:04	1

Method: SW846 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			09/28/22 09:33	1

Method: SW846 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		09/27/22 09:14	09/28/22 15:53	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		09/27/22 09:14	09/28/22 15:53	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		09/27/22 09:14	09/28/22 15:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*86*		*70 - 130*	*09/27/22 09:14*	*09/28/22 15:53*	*1*
o-Terphenyl	*89*		*70 - 130*	*09/27/22 09:14*	*09/28/22 15:53*	*1*

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**156**		5.00		mg/Kg			09/28/22 05:34	1

Client Sample ID: SW-14

Date Collected: 09/23/22 00:00
Date Received: 09/23/22 14:22

Lab Sample ID: 880-19596-54
Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		10/04/22 16:39	10/07/22 19:13	1
Toluene	<0.00199	U	0.00199		mg/Kg		10/04/22 16:39	10/07/22 19:13	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		10/04/22 16:39	10/07/22 19:13	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		10/04/22 16:39	10/07/22 19:13	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		10/04/22 16:39	10/07/22 19:13	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		10/04/22 16:39	10/07/22 19:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*89*		*70 - 130*	*10/04/22 16:39*	*10/07/22 19:13*	*1*
1,4-Difluorobenzene (Surr)	*133*	*S1+*	*70 - 130*	*10/04/22 16:39*	*10/07/22 19:13*	*1*

Client Sample Results

Client: NT Global
Project/Site: Hamon State #001

Job ID: 880-19596-1
SDG: Lea Co, NM

Client Sample ID: SW-14

Date Collected: 09/23/22 00:00
Date Received: 09/23/22 14:22

Lab Sample ID: 880-19596-54
Matrix: Solid

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			10/06/22 09:04	1

Method: SW846 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			09/28/22 09:33	1

Method: SW846 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		09/27/22 09:14	09/28/22 16:14	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		09/27/22 09:14	09/28/22 16:14	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		09/27/22 09:14	09/28/22 16:14	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*85*		*70 - 130*	*09/27/22 09:14*	*09/28/22 16:14*	*1*
o-Terphenyl	*88*		*70 - 130*	*09/27/22 09:14*	*09/28/22 16:14*	*1*

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**135**		4.97		mg/Kg			09/28/22 05:53	1

Client Sample ID: SW-15

Date Collected: 09/23/22 00:00
Date Received: 09/23/22 14:22

Lab Sample ID: 880-19596-55
Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		10/04/22 16:39	10/07/22 19:39	1
Toluene	<0.00201	U	0.00201		mg/Kg		10/04/22 16:39	10/07/22 19:39	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		10/04/22 16:39	10/07/22 19:39	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		10/04/22 16:39	10/07/22 19:39	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		10/04/22 16:39	10/07/22 19:39	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		10/04/22 16:39	10/07/22 19:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*107*		*70 - 130*	*10/04/22 16:39*	*10/07/22 19:39*	*1*
1,4-Difluorobenzene (Surr)	*89*		*70 - 130*	*10/04/22 16:39*	*10/07/22 19:39*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			10/06/22 09:04	1

Method: SW846 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			09/28/22 09:33	1

Method: SW846 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		09/27/22 09:14	09/28/22 16:36	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		09/27/22 09:14	09/28/22 16:36	1

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Client Sample Results

Client: NT Global
Project/Site: Hamon State #001

Job ID: 880-19596-1
SDG: Lea Co, NM

Client Sample ID: SW-15

Lab Sample ID: 880-19596-55
Matrix: Solid
Date Collected: 09/23/22 00:00
Date Received: 09/23/22 14:22

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		09/27/22 09:14	09/28/22 16:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*78*		*70 - 130*	*09/27/22 09:14*	*09/28/22 16:36*	*1*
o-Terphenyl	*81*		*70 - 130*	*09/27/22 09:14*	*09/28/22 16:36*	*1*

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**80.7**		4.96		mg/Kg			09/28/22 05:59	1

Client Sample ID: SW-16

Lab Sample ID: 880-19596-56
Matrix: Solid
Date Collected: 09/23/22 00:00
Date Received: 09/23/22 14:22

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		10/04/22 16:39	10/07/22 20:05	1
Toluene	<0.00201	U	0.00201		mg/Kg		10/04/22 16:39	10/07/22 20:05	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		10/04/22 16:39	10/07/22 20:05	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		10/04/22 16:39	10/07/22 20:05	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		10/04/22 16:39	10/07/22 20:05	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		10/04/22 16:39	10/07/22 20:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*124*		*70 - 130*	*10/04/22 16:39*	*10/07/22 20:05*	*1*
1,4-Difluorobenzene (Surr)	*93*		*70 - 130*	*10/04/22 16:39*	*10/07/22 20:05*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			10/06/22 09:04	1

Method: SW846 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			09/28/22 09:33	1

Method: SW846 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		09/27/22 09:14	09/28/22 16:58	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		09/27/22 09:14	09/28/22 16:58	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		09/27/22 09:14	09/28/22 16:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*76*		*70 - 130*	*09/27/22 09:14*	*09/28/22 16:58*	*1*
o-Terphenyl	*78*		*70 - 130*	*09/27/22 09:14*	*09/28/22 16:58*	*1*

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**131**		5.03		mg/Kg			09/28/22 06:05	1

Client Sample Results

Client: NT Global
Project/Site: Hamon State #001

Job ID: 880-19596-1
SDG: Lea Co, NM

Client Sample ID: SW-17

Lab Sample ID: 880-19596-57
Date Collected: 09/23/22 00:00
Matrix: Solid
Date Received: 09/23/22 14:22

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		10/04/22 16:39	10/07/22 20:31	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/04/22 16:39	10/07/22 20:31	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/04/22 16:39	10/07/22 20:31	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		10/04/22 16:39	10/07/22 20:31	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/04/22 16:39	10/07/22 20:31	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		10/04/22 16:39	10/07/22 20:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*117*		*70 - 130*	*10/04/22 16:39*	*10/07/22 20:31*	*1*
1,4-Difluorobenzene (Surr)	*86*		*70 - 130*	*10/04/22 16:39*	*10/07/22 20:31*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			10/06/22 09:04	1

Method: SW846 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			09/28/22 09:33	1

Method: SW846 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		09/27/22 09:14	09/28/22 17:20	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		09/27/22 09:14	09/28/22 17:20	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		09/27/22 09:14	09/28/22 17:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*70*		*70 - 130*	*09/27/22 09:14*	*09/28/22 17:20*	*1*
o-Terphenyl	*72*		*70 - 130*	*09/27/22 09:14*	*09/28/22 17:20*	*1*

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**86.7**		5.04		mg/Kg			09/28/22 06:11	1

Client Sample ID: SW-18

Lab Sample ID: 880-19596-58
Date Collected: 09/23/22 00:00
Matrix: Solid
Date Received: 09/23/22 14:22

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		10/04/22 16:39	10/07/22 20:57	1
Toluene	<0.00199	U	0.00199		mg/Kg		10/04/22 16:39	10/07/22 20:57	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		10/04/22 16:39	10/07/22 20:57	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		10/04/22 16:39	10/07/22 20:57	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		10/04/22 16:39	10/07/22 20:57	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		10/04/22 16:39	10/07/22 20:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*122*		*70 - 130*	*10/04/22 16:39*	*10/07/22 20:57*	*1*
1,4-Difluorobenzene (Surr)	*94*		*70 - 130*	*10/04/22 16:39*	*10/07/22 20:57*	*1*

Client Sample Results

Client: NT Global
Project/Site: Hamon State #001

Job ID: 880-19596-1
SDG: Lea Co, NM

Client Sample ID: SW-18

Lab Sample ID: 880-19596-58
Matrix: Solid
Date Collected: 09/23/22 00:00
Date Received: 09/23/22 14:22

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			10/06/22 09:04	1

Method: SW846 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			09/28/22 09:33	1

Method: SW846 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		09/27/22 09:14	09/28/22 17:41	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		09/27/22 09:14	09/28/22 17:41	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		09/27/22 09:14	09/28/22 17:41	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*72*		*70 - 130*	*09/27/22 09:14*	*09/28/22 17:41*	*1*
o-Terphenyl	*75*		*70 - 130*	*09/27/22 09:14*	*09/28/22 17:41*	*1*

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**139**		5.04		mg/Kg			09/28/22 06:18	1

Client Sample ID: SW-19

Lab Sample ID: 880-19596-59
Matrix: Solid
Date Collected: 09/23/22 00:00
Date Received: 09/23/22 14:22

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		10/04/22 16:39	10/07/22 21:23	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/04/22 16:39	10/07/22 21:23	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/04/22 16:39	10/07/22 21:23	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		10/04/22 16:39	10/07/22 21:23	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/04/22 16:39	10/07/22 21:23	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		10/04/22 16:39	10/07/22 21:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*112*		*70 - 130*	*10/04/22 16:39*	*10/07/22 21:23*	*1*
1,4-Difluorobenzene (Surr)	*84*		*70 - 130*	*10/04/22 16:39*	*10/07/22 21:23*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			10/06/22 09:04	1

Method: SW846 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			09/28/22 09:33	1

Method: SW846 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		09/27/22 09:14	09/28/22 18:03	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		09/27/22 09:14	09/28/22 18:03	1

Client Sample Results

Client: NT Global
Project/Site: Hamon State #001

Job ID: 880-19596-1
SDG: Lea Co, NM

Client Sample ID: SW-19
Date Collected: 09/23/22 00:00
Date Received: 09/23/22 14:22

Lab Sample ID: 880-19596-59
Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		09/27/22 09:14	09/28/22 18:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*69*	*S1-*	*70 - 130*	*09/27/22 09:14*	*09/28/22 18:03*	*1*
o-Terphenyl	*71*		*70 - 130*	*09/27/22 09:14*	*09/28/22 18:03*	*1*

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**85.7**		5.05		mg/Kg			09/28/22 06:24	1

Surrogate Summary

Client: NT Global
Project/Site: Hamon State #001

Job ID: 880-19596-1
SDG: Lea Co, NM

Method: 8021B - Volatile Organic Compounds (GC)

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

		Percent Surrogate Recovery (Acceptance Limits)											
		BFB1	DFBZ1										
Lab Sample ID	Client Sample ID	(70-130)	(70-130)										
880-19596-1	CS-1 (5')	157 S1+	79										
880-19596-1 MS	CS-1 (5')	154 S1+	81										
880-19596-1 MSD	CS-1 (5')	155 S1+	92										
880-19596-2	CS-2 (5')	156 S1+	79										
880-19596-3	CS-3 (5')	153 S1+	76										
880-19596-4	CS-4 (5')	176 S1+	82										
880-19596-5	CS-5 (5')	122	71										
880-19596-6	CS-6 (5')	162 S1+	80										
880-19596-7	CS-7 (5')	182 S1+	79										
880-19596-8	CS-8 (5')	172 S1+	81										
880-19596-9	CS-9 (5')	166 S1+	78										
880-19596-10	CS-10 (5')	175 S1+	82										
880-19596-11	CS-11 (5')	173 S1+	84										
880-19596-12	CS-12 (5')	184 S1+	82										
880-19596-13	CS-13 (5')	148 S1+	77										
880-19596-14	CS-14 (5')	196 S1+	86										
880-19596-15	CS-15 (5')	196 S1+	94										
880-19596-16	CS-16 (5')	189 S1+	86										
880-19596-17	CS-17 (5')	210 S1+	88										
880-19596-18	CS-18 (5')	195 S1+	87										
880-19596-19	CS-19 (5')	207 S1+	92										
880-19596-20	CS-20 (5')	205 S1+	89										
880-19596-21	CS-21 (5')	104	118										
880-19596-21 MS	CS-21 (5')	152 S1+	83										
880-19596-21 MSD	CS-21 (5')	174 S1+	80										
880-19596-22	CS-22 (5')	188 S1+	75										
880-19596-23	CS-23 (5')	198 S1+	81										
880-19596-24	CS-24 (5')	189 S1+	76										
880-19596-25	CS-25 (5')	198 S1+	88										
880-19596-26	CS-26 (5')	186 S1+	81										
880-19596-27	CS-27 (5')	192 S1+	76										
880-19596-28	CS-28 (5')	191 S1+	75										
880-19596-29	CS-29 (5')	193 S1+	81										
880-19596-30	CS-30 (5')	194 S1+	87										
880-19596-31	CS-31 (5')	203 S1+	79										
880-19596-32	CS-32 (5')	202 S1+	75										
880-19596-33	CS-33 (5')	193 S1+	72										
880-19596-34	CS-34 (5')	209 S1+	76										
880-19596-35	CS-35 (5')	204 S1+	77										
880-19596-36	CS-36 (5')	198 S1+	75										
880-19596-37	CS-37 (5')	196 S1+	76										
880-19596-38	CS-38 (6')	207 S1+	77										
880-19596-39	CS-39 (6')	201 S1+	75										
880-19596-40	CS-40 (6')	232 S1+	89										
880-19596-41	SW-1	97	81										
880-19596-41 MS	SW-1	86	84										
880-19596-41 MSD	SW-1	98	85										
880-19596-42	SW-2	106	84										
880-19596-43	SW-3	104	85										

Surrogate Summary

Client: NT Global
Project/Site: Hamon State #001

Job ID: 880-19596-1
SDG: Lea Co, NM

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

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

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits) BFB1 (70-130)	DFBZ1 (70-130)
880-19596-44	SW-4	125	95
880-19596-45	SW-5	116	98
880-19596-46	SW-6	114	95
880-19596-47	SW-7	110	89
880-19596-48	SW-8	109	92
880-19596-49	SW-9	122	99
880-19596-50	SW-10	101	84
880-19596-51	SW-11	105	80
880-19596-52	SW-12	117	82
880-19596-53	SW-13	112	86
880-19596-54	SW-14	89	133 S1+
880-19596-55	SW-15	107	89
880-19596-56	SW-16	124	93
880-19596-57	SW-17	117	86
880-19596-58	SW-18	122	94
880-19596-59	SW-19	112	84
880-19973-A-30-C MS	Matrix Spike	118	98
880-19973-A-30-D MSD	Matrix Spike Duplicate	123	104
LCS 880-36081/1-A	Lab Control Sample	140 S1+	77
LCS 880-36082/1-A	Lab Control Sample	196 S1+	94
LCS 880-36083/1-A	Lab Control Sample	93	91
LCS 880-36205/1-A	Lab Control Sample	116	101
LCSD 880-36081/2-A	Lab Control Sample Dup	152 S1+	86
LCSD 880-36082/2-A	Lab Control Sample Dup	177 S1+	81
LCSD 880-36083/2-A	Lab Control Sample Dup	111	99
LCSD 880-36205/2-A	Lab Control Sample Dup	116	100
MB 880-36081/5-A	Method Blank	106	0.1 S1-
MB 880-36082/5-A	Method Blank	125	79
MB 880-36083/5-A	Method Blank	69 S1-	87
MB 880-36204/5-A	Method Blank	103	111
MB 880-36205/5-A	Method Blank	104	111

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)

DFBZ = 1,4-Difluorobenzene (Surr)

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

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

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits) 1CO1 (70-130)	OTPH1 (70-130)
880-19596-1	CS-1 (5')	103	111
880-19596-1 MS	CS-1 (5')	92	85
880-19596-1 MSD	CS-1 (5')	95	85
880-19596-2	CS-2 (5')	105	110
880-19596-3	CS-3 (5')	96	103
880-19596-4	CS-4 (5')	97	104
880-19596-5	CS-5 (5')	104	110
880-19596-6	CS-6 (5')	97	104
880-19596-7	CS-7 (5')	107	113

Surrogate Summary

Client: NT Global
Project/Site: Hamon State #001

Job ID: 880-19596-1
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)								
880-19596-8	CS-8 (5')	116	125								
880-19596-9	CS-9 (5')	98	104								
880-19596-10	CS-10 (5')	92	99								
880-19596-11	CS-11 (5')	96	105								
880-19596-12	CS-12 (5')	89	98								
880-19596-13	CS-13 (5')	112	120								
880-19596-14	CS-14 (5')	98	105								
880-19596-15	CS-15 (5')	93	99								
880-19596-16	CS-16 (5')	97	107								
880-19596-17	CS-17 (5')	101	109								
880-19596-18	CS-18 (5')	96	103								
880-19596-19	CS-19 (5')	103	108								
880-19596-20	CS-20 (5')	95	101								
880-19596-21	CS-21 (5')	113	106								
880-19596-21 MS	CS-21 (5')	101	93								
880-19596-21 MSD	CS-21 (5')	106	97								
880-19596-22	CS-22 (5')	106	101								
880-19596-23	CS-23 (5')	109	102								
880-19596-24	CS-24 (5')	114	107								
880-19596-25	CS-25 (5')	99	92								
880-19596-26	CS-26 (5')	108	100								
880-19596-27	CS-27 (5')	121	112								
880-19596-28	CS-28 (5')	120	111								
880-19596-29	CS-29 (5')	120	112								
880-19596-30	CS-30 (5')	110	101								
880-19596-31	CS-31 (5')	110	105								
880-19596-32	CS-32 (5')	117	108								
880-19596-33	CS-33 (5')	102	95								
880-19596-34	CS-34 (5')	104	97								
880-19596-35	CS-35 (5')	101	94								
880-19596-36	CS-36 (5')	118	112								
880-19596-37	CS-37 (5')	104	97								
880-19596-38	CS-38 (6')	126	119								
880-19596-39	CS-39 (6')	104	98								
880-19596-40	CS-40 (6')	102	100								
880-19596-41	SW-1	79	82								
880-19596-41 MS	SW-1	75	70								
880-19596-41 MSD	SW-1	74	69 S1-								
880-19596-42	SW-2	93	97								
880-19596-43	SW-3	82	84								
880-19596-44	SW-4	80	84								
880-19596-45	SW-5	88	92								
880-19596-46	SW-6	69 S1-	71								
880-19596-47	SW-7	81	83								
880-19596-48	SW-8	86	89								
880-19596-49	SW-9	70	72								
880-19596-50	SW-10	95	100								
880-19596-51	SW-11	79	83								
880-19596-52	SW-12	87	89								
880-19596-53	SW-13	86	89								

Surrogate Summary

Client: NT Global
Project/Site: Hamon State #001

Job ID: 880-19596-1
SDG: Lea Co, NM

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

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)									
		1CO1	OTPH1								
Lab Sample ID	Client Sample ID	(70-130)	(70-130)								
880-19596-54	SW-14	85	88								
880-19596-55	SW-15	78	81								
880-19596-56	SW-16	76	78								
880-19596-57	SW-17	70	72								
880-19596-58	SW-18	72	75								
880-19596-59	SW-19	69 S1-	71								
LCS 880-35452/2-A	Lab Control Sample	181 S1+	182 S1+								
LCS 880-35476/2-A	Lab Control Sample	135 S1+	128								
LCS 880-35478/2-A	Lab Control Sample	119	119								
LCSD 880-35452/3-A	Lab Control Sample Dup	192 S1+	193 S1+								
LCSD 880-35476/3-A	Lab Control Sample Dup	138 S1+	129								
LCSD 880-35478/3-A	Lab Control Sample Dup	114	112								
MB 880-35452/1-A	Method Blank	103	110								
MB 880-35476/1-A	Method Blank	109	104								
MB 880-35478/1-A	Method Blank	105	109								

Surrogate Legend

1CO = 1-Chlorooctane

OTPH = o-Terphenyl

QC Sample Results

Client: NT Global
Project/Site: Hamon State #001

Job ID: 880-19596-1
SDG: Lea Co, NM

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-36081/5-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 36191 — **Prep Batch: 36081**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		10/04/22 16:34	10/05/22 19:18	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/04/22 16:34	10/05/22 19:18	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/04/22 16:34	10/05/22 19:18	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		10/04/22 16:34	10/05/22 19:18	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/04/22 16:34	10/05/22 19:18	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		10/04/22 16:34	10/05/22 19:18	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*106*		*70 - 130*	*10/04/22 16:34*	*10/05/22 19:18*	*1*
1,4-Difluorobenzene (Surr)	*0.1*	*S1-*	*70 - 130*	*10/04/22 16:34*	*10/05/22 19:18*	*1*

Lab Sample ID: LCS 880-36081/1-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 36191 — **Prep Batch: 36081**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.08932		mg/Kg		89	70 - 130
Toluene	0.100	0.09563		mg/Kg		96	70 - 130
Ethylbenzene	0.100	0.09889		mg/Kg		99	70 - 130
m-Xylene & p-Xylene	0.200	0.1981		mg/Kg		99	70 - 130
o-Xylene	0.100	0.09948		mg/Kg		99	70 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*140*	*S1+*	*70 - 130*
1,4-Difluorobenzene (Surr)	*77*		*70 - 130*

Lab Sample ID: LCSD 880-36081/2-A — **Client Sample ID: Lab Control Sample Dup**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 36191 — **Prep Batch: 36081**

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.09807		mg/Kg		98	70 - 130	9	35
Toluene	0.100	0.1006		mg/Kg		101	70 - 130	5	35
Ethylbenzene	0.100	0.1013		mg/Kg		101	70 - 130	2	35
m-Xylene & p-Xylene	0.200	0.2022		mg/Kg		101	70 - 130	2	35
o-Xylene	0.100	0.1049		mg/Kg		105	70 - 130	5	35

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*152*	*S1+*	*70 - 130*
1,4-Difluorobenzene (Surr)	*86*		*70 - 130*

Lab Sample ID: 880-19596-1 MS — **Client Sample ID: CS-1 (5')**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 36191 — **Prep Batch: 36081**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00201	U	0.100	0.1066		mg/Kg		106	70 - 130
Toluene	<0.00201	U	0.100	0.1113		mg/Kg		111	70 - 130

QC Sample Results

Client: NT Global
Project/Site: Hamon State #001

Job ID: 880-19596-1
SDG: Lea Co, NM

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

Lab Sample ID: 880-19596-1 MS
Matrix: Solid
Analysis Batch: 36191

Client Sample ID: CS-1 (5')
Prep Type: Total/NA
Prep Batch: 36081

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Ethylbenzene	<0.00201	U	0.100	0.1120		mg/Kg		112	70 - 130
m-Xylene & p-Xylene	<0.00402	U	0.200	0.2213		mg/Kg		110	70 - 130
o-Xylene	<0.00201	U	0.100	0.1098		mg/Kg		110	70 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*154*	*S1+*	*70 - 130*
1,4-Difluorobenzene (Surr)	*81*		*70 - 130*

Lab Sample ID: 880-19596-1 MSD
Matrix: Solid
Analysis Batch: 36191

Client Sample ID: CS-1 (5')
Prep Type: Total/NA
Prep Batch: 36081

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00201	U	0.0998	0.1153		mg/Kg		116	70 - 130	8	35
Toluene	<0.00201	U	0.0998	0.1174		mg/Kg		118	70 - 130	5	35
Ethylbenzene	<0.00201	U	0.0998	0.1180		mg/Kg		118	70 - 130	5	35
m-Xylene & p-Xylene	<0.00402	U	0.200	0.2362		mg/Kg		118	70 - 130	7	35
o-Xylene	<0.00201	U	0.0998	0.1192		mg/Kg		119	70 - 130	8	35

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*155*	*S1+*	*70 - 130*
1,4-Difluorobenzene (Surr)	*92*		*70 - 130*

Lab Sample ID: MB 880-36082/5-A
Matrix: Solid
Analysis Batch: 36224

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 36082

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		10/04/22 16:37	10/06/22 11:30	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/04/22 16:37	10/06/22 11:30	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/04/22 16:37	10/06/22 11:30	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		10/04/22 16:37	10/06/22 11:30	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/04/22 16:37	10/06/22 11:30	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		10/04/22 16:37	10/06/22 11:30	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*125*		*70 - 130*	*10/04/22 16:37*	*10/06/22 11:30*	*1*
1,4-Difluorobenzene (Surr)	*79*		*70 - 130*	*10/04/22 16:37*	*10/06/22 11:30*	*1*

Lab Sample ID: LCS 880-36082/1-A
Matrix: Solid
Analysis Batch: 36224

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 36082

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.1458	*+	mg/Kg		146	70 - 130
Toluene	0.100	0.1516	*+	mg/Kg		152	70 - 130
Ethylbenzene	0.100	0.1559	*+	mg/Kg		156	70 - 130
m-Xylene & p-Xylene	0.200	0.3055	*+	mg/Kg		153	70 - 130

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QC Sample Results

Client: NT Global
Project/Site: Hamon State #001

Job ID: 880-19596-1
SDG: Lea Co, NM

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

Lab Sample ID: LCS 880-36082/1-A
Matrix: Solid
Analysis Batch: 36224

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 36082

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
o-Xylene			0.100	0.1525	*+	mg/Kg		153	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*196*	*S1+*	*70 - 130*
1,4-Difluorobenzene (Surr)	*94*		*70 - 130*

Lab Sample ID: LCSD 880-36082/2-A
Matrix: Solid
Analysis Batch: 36224

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 36082

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene			0.100	0.1324	*+	mg/Kg		132	70 - 130	10	35
Toluene			0.100	0.1345	*+	mg/Kg		135	70 - 130	12	35
Ethylbenzene			0.100	0.1431	*+	mg/Kg		143	70 - 130	9	35
m-Xylene & p-Xylene			0.200	0.2816	*+	mg/Kg		141	70 - 130	8	35
o-Xylene			0.100	0.1441	*+	mg/Kg		144	70 - 130	6	35

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*177*	*S1+*	*70 - 130*
1,4-Difluorobenzene (Surr)	*81*		*70 - 130*

Lab Sample ID: 880-19596-21 MS
Matrix: Solid
Analysis Batch: 36224

Client Sample ID: CS-21 (5')
Prep Type: Total/NA
Prep Batch: 36082

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00201	U *+	0.100	0.09822		mg/Kg		98	70 - 130
Toluene	<0.00201	U *+	0.100	0.1058		mg/Kg		105	70 - 130
Ethylbenzene	<0.00201	U *+	0.100	0.1097		mg/Kg		108	70 - 130
m-Xylene & p-Xylene	<0.00402	U *+	0.200	0.2182		mg/Kg		108	70 - 130
o-Xylene	<0.00201	U *+	0.100	0.1075		mg/Kg		106	70 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*152*	*S1+*	*70 - 130*
1,4-Difluorobenzene (Surr)	*83*		*70 - 130*

Lab Sample ID: 880-19596-21 MSD
Matrix: Solid
Analysis Batch: 36224

Client Sample ID: CS-21 (5')
Prep Type: Total/NA
Prep Batch: 36082

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00201	U *+	0.0990	0.1175		mg/Kg		118	70 - 130	18	35
Toluene	<0.00201	U *+	0.0990	0.1256		mg/Kg		126	70 - 130	17	35
Ethylbenzene	<0.00201	U *+	0.0990	0.1243		mg/Kg		124	70 - 130	12	35
m-Xylene & p-Xylene	<0.00402	U *+	0.198	0.2474		mg/Kg		124	70 - 130	13	35
o-Xylene	<0.00201	U *+	0.0990	0.1233		mg/Kg		123	70 - 130	14	35

QC Sample Results

Client: NT Global
Project/Site: Hamon State #001

Job ID: 880-19596-1
SDG: Lea Co, NM

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

Lab Sample ID: 880-19596-21 MSD
Matrix: Solid
Analysis Batch: 36224

Client Sample ID: CS-21 (5')
Prep Type: Total/NA
Prep Batch: 36082

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	174	S1+	70 - 130
1,4-Difluorobenzene (Surr)	80		70 - 130

Lab Sample ID: MB 880-36083/5-A
Matrix: Solid
Analysis Batch: 36326

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 36083

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		10/04/22 16:39	10/07/22 11:47	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/04/22 16:39	10/07/22 11:47	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/04/22 16:39	10/07/22 11:47	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		10/04/22 16:39	10/07/22 11:47	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/04/22 16:39	10/07/22 11:47	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		10/04/22 16:39	10/07/22 11:47	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	69	S1-	70 - 130	10/04/22 16:39	10/07/22 11:47	1
1,4-Difluorobenzene (Surr)	87		70 - 130	10/04/22 16:39	10/07/22 11:47	1

Lab Sample ID: LCS 880-36083/1-A
Matrix: Solid
Analysis Batch: 36326

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 36083

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.1084		mg/Kg		108	70 - 130
Toluene	0.100	0.1139		mg/Kg		114	70 - 130
Ethylbenzene	0.100	0.1193		mg/Kg		119	70 - 130
m-Xylene & p-Xylene	0.200	0.2377		mg/Kg		119	70 - 130
o-Xylene	0.100	0.1146		mg/Kg		115	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	93		70 - 130
1,4-Difluorobenzene (Surr)	91		70 - 130

Lab Sample ID: LCSD 880-36083/2-A
Matrix: Solid
Analysis Batch: 36326

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 36083

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.1110		mg/Kg		111	70 - 130	2	35
Toluene	0.100	0.1150		mg/Kg		115	70 - 130	1	35
Ethylbenzene	0.100	0.1228		mg/Kg		123	70 - 130	3	35
m-Xylene & p-Xylene	0.200	0.2471		mg/Kg		124	70 - 130	4	35
o-Xylene	0.100	0.1200		mg/Kg		120	70 - 130	5	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	111		70 - 130

QC Sample Results

Client: NT Global
Project/Site: Hamon State #001

Job ID: 880-19596-1
SDG: Lea Co, NM

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

Lab Sample ID: LCSD 880-36083/2-A
Matrix: Solid
Analysis Batch: 36326

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 36083

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1,4-Difluorobenzene (Surr)	99		70 - 130

Lab Sample ID: 880-19596-41 MS
Matrix: Solid
Analysis Batch: 36326

Client Sample ID: SW-1
Prep Type: Total/NA
Prep Batch: 36083

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00201	U	0.100	0.07446		mg/Kg		74	70 - 130
Toluene	<0.00201	U	0.100	0.07813		mg/Kg		78	70 - 130
Ethylbenzene	<0.00201	U	0.100	0.07447		mg/Kg		74	70 - 130
m-Xylene & p-Xylene	<0.00402	U	0.200	0.1477		mg/Kg		74	70 - 130
o-Xylene	<0.00201	U	0.100	0.07168		mg/Kg		72	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	86		70 - 130
1,4-Difluorobenzene (Surr)	84		70 - 130

Lab Sample ID: 880-19596-41 MSD
Matrix: Solid
Analysis Batch: 36326

Client Sample ID: SW-1
Prep Type: Total/NA
Prep Batch: 36083

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00201	U	0.0990	0.08421		mg/Kg		85	70 - 130	12	35
Toluene	<0.00201	U	0.0990	0.08185		mg/Kg		83	70 - 130	5	35
Ethylbenzene	<0.00201	U	0.0990	0.07633		mg/Kg		77	70 - 130	2	35
m-Xylene & p-Xylene	<0.00402	U	0.198	0.1546		mg/Kg		78	70 - 130	5	35
o-Xylene	<0.00201	U	0.0990	0.07455		mg/Kg		75	70 - 130	4	35

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	98		70 - 130
1,4-Difluorobenzene (Surr)	85		70 - 130

Lab Sample ID: MB 880-36204/5-A
Matrix: Solid
Analysis Batch: 36228

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 36204

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		10/05/22 16:47	10/06/22 13:11	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/05/22 16:47	10/06/22 13:11	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/05/22 16:47	10/06/22 13:11	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		10/05/22 16:47	10/06/22 13:11	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/05/22 16:47	10/06/22 13:11	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		10/05/22 16:47	10/06/22 13:11	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		70 - 130	10/05/22 16:47	10/06/22 13:11	1
1,4-Difluorobenzene (Surr)	111		70 - 130	10/05/22 16:47	10/06/22 13:11	1

QC Sample Results

Client: NT Global
Project/Site: Hamon State #001

Job ID: 880-19596-1
SDG: Lea Co, NM

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

Lab Sample ID: MB 880-36205/5-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 36228 — **Prep Batch: 36205**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		10/05/22 16:50	10/07/22 00:47	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/05/22 16:50	10/07/22 00:47	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/05/22 16:50	10/07/22 00:47	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		10/05/22 16:50	10/07/22 00:47	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/05/22 16:50	10/07/22 00:47	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		10/05/22 16:50	10/07/22 00:47	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*104*		*70 - 130*	*10/05/22 16:50*	*10/07/22 00:47*	*1*
1,4-Difluorobenzene (Surr)	*111*		*70 - 130*	*10/05/22 16:50*	*10/07/22 00:47*	*1*

Lab Sample ID: LCS 880-36205/1-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 36228 — **Prep Batch: 36205**

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene			0.100	0.09650		mg/Kg		97	70 - 130		
Toluene			0.100	0.1058		mg/Kg		106	70 - 130		
Ethylbenzene			0.100	0.1078		mg/Kg		108	70 - 130		
m-Xylene & p-Xylene			0.200	0.2206		mg/Kg		110	70 - 130		
o-Xylene			0.100	0.1097		mg/Kg		110	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*116*		*70 - 130*
1,4-Difluorobenzene (Surr)	*101*		*70 - 130*

Lab Sample ID: LCSD 880-36205/2-A — **Client Sample ID: Lab Control Sample Dup**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 36228 — **Prep Batch: 36205**

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene			0.100	0.08661		mg/Kg		87	70 - 130	11	35
Toluene			0.100	0.09946		mg/Kg		99	70 - 130	6	35
Ethylbenzene			0.100	0.1020		mg/Kg		102	70 - 130	6	35
m-Xylene & p-Xylene			0.200	0.2107		mg/Kg		105	70 - 130	5	35
o-Xylene			0.100	0.1060		mg/Kg		106	70 - 130	3	35

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*116*		*70 - 130*
1,4-Difluorobenzene (Surr)	*100*		*70 - 130*

Lab Sample ID: 880-19973-A-30-C MS — **Client Sample ID: Matrix Spike**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 36228 — **Prep Batch: 36205**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene	<0.00201	U	0.0998	0.09044		mg/Kg		91	70 - 130		
Toluene	<0.00201	U	0.0998	0.09994		mg/Kg		100	70 - 130		

QC Sample Results

Client: NT Global
Project/Site: Hamon State #001

Job ID: 880-19596-1
SDG: Lea Co, NM

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

Lab Sample ID: 880-19973-A-30-C MS
Matrix: Solid
Analysis Batch: 36228

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 36205

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Ethylbenzene	<0.00201	U	0.0998	0.1003		mg/Kg		101	70 - 130
m-Xylene & p-Xylene	<0.00402	U	0.200	0.2023		mg/Kg		101	70 - 130
o-Xylene	<0.00201	U	0.0998	0.1013		mg/Kg		102	70 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*118*		*70 - 130*
1,4-Difluorobenzene (Surr)	*98*		*70 - 130*

Lab Sample ID: 880-19973-A-30-D MSD
Matrix: Solid
Analysis Batch: 36228

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 36205

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00201	U	0.0990	0.09503		mg/Kg		96	70 - 130	5	35
Toluene	<0.00201	U	0.0990	0.1018		mg/Kg		103	70 - 130	2	35
Ethylbenzene	<0.00201	U	0.0990	0.1033		mg/Kg		104	70 - 130	3	35
m-Xylene & p-Xylene	<0.00402	U	0.198	0.2088		mg/Kg		105	70 - 130	3	35
o-Xylene	<0.00201	U	0.0990	0.1047		mg/Kg		106	70 - 130	3	35

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*123*		*70 - 130*
1,4-Difluorobenzene (Surr)	*104*		*70 - 130*

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

Lab Sample ID: MB 880-35452/1-A
Matrix: Solid
Analysis Batch: 35462

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 35452

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		09/26/22 16:47	09/27/22 11:23	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		09/26/22 16:47	09/27/22 11:23	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		09/26/22 16:47	09/27/22 11:23	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*103*		*70 - 130*	*09/26/22 16:47*	*09/27/22 11:23*	*1*
o-Terphenyl	*110*		*70 - 130*	*09/26/22 16:47*	*09/27/22 11:23*	*1*

Lab Sample ID: LCS 880-35452/2-A
Matrix: Solid
Analysis Batch: 35462

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 35452

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	1254		mg/Kg		125	70 - 130
Diesel Range Organics (Over C10-C28)	1000	1346	*+	mg/Kg		135	70 - 130

QC Sample Results

Client: NT Global
Project/Site: Hamon State #001

Job ID: 880-19596-1
SDG: Lea Co, NM

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

Lab Sample ID: LCS 880-35452/2-A
Matrix: Solid
Analysis Batch: 35462

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 35452

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1-Chlorooctane	181	S1+	70 - 130
o-Terphenyl	182	S1+	70 - 130

Lab Sample ID: LCSD 880-35452/3-A
Matrix: Solid
Analysis Batch: 35462

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 35452

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	1453	*+	mg/Kg		145	70 - 130	15	20
Diesel Range Organics (Over C10-C28)			1000	1570	*+	mg/Kg		157	70 - 130	15	20

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1-Chlorooctane	192	S1+	70 - 130
o-Terphenyl	193	S1+	70 - 130

Lab Sample ID: 880-19596-1 MS
Matrix: Solid
Analysis Batch: 35462

Client Sample ID: CS-1 (5')
Prep Type: Total/NA
Prep Batch: 35452

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	<50.0	U *+	998	986.1		mg/Kg		96	70 - 130
Diesel Range Organics (Over C10-C28)	<50.0	U *+	998	861.4		mg/Kg		85	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
1-Chlorooctane	92		70 - 130
o-Terphenyl	85		70 - 130

Lab Sample ID: 880-19596-1 MSD
Matrix: Solid
Analysis Batch: 35462

Client Sample ID: CS-1 (5')
Prep Type: Total/NA
Prep Batch: 35452

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<50.0	U *+	999	987.6		mg/Kg		96	70 - 130	0	20
Diesel Range Organics (Over C10-C28)	<50.0	U *+	999	879.1		mg/Kg		86	70 - 130	2	20

Surrogate	MSD %Recovery	MSD Qualifier	Limits
1-Chlorooctane	95		70 - 130
o-Terphenyl	85		70 - 130

QC Sample Results

Client: NT Global
Project/Site: Hamon State #001

Job ID: 880-19596-1
SDG: Lea Co, NM

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

Lab Sample ID: MB 880-35476/1-A
Matrix: Solid
Analysis Batch: 35544

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 35476

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		09/27/22 09:11	09/28/22 09:23	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		09/27/22 09:11	09/28/22 09:23	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		09/27/22 09:11	09/28/22 09:23	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*109*		*70 - 130*	*09/27/22 09:11*	*09/28/22 09:23*	*1*
o-Terphenyl	*104*		*70 - 130*	*09/27/22 09:11*	*09/28/22 09:23*	*1*

Lab Sample ID: LCS 880-35476/2-A
Matrix: Solid
Analysis Batch: 35544

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 35476

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10			1000	1082		mg/Kg		108	70 - 130		
Diesel Range Organics (Over C10-C28)			1000	1311	*+	mg/Kg		131	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1-Chlorooctane	*135*	*S1+*	*70 - 130*
o-Terphenyl	*128*		*70 - 130*

Lab Sample ID: LCSD 880-35476/3-A
Matrix: Solid
Analysis Batch: 35544

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 35476

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	1080		mg/Kg		108	70 - 130	0	20
Diesel Range Organics (Over C10-C28)			1000	1320	*+	mg/Kg		132	70 - 130	1	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1-Chlorooctane	*138*	*S1+*	*70 - 130*
o-Terphenyl	*129*		*70 - 130*

Lab Sample ID: 880-19596-21 MS
Matrix: Solid
Analysis Batch: 35544

Client Sample ID: CS-21 (5')
Prep Type: Total/NA
Prep Batch: 35476

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	998	912.5		mg/Kg		91	70 - 130		
Diesel Range Organics (Over C10-C28)	<50.0	U *+	998	995.1		mg/Kg		100	70 - 130		

QC Sample Results

Client: NT Global
Project/Site: Hamon State #001

Job ID: 880-19596-1
SDG: Lea Co, NM

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

Lab Sample ID: 880-19596-21 MS
Matrix: Solid
Analysis Batch: 35544

Client Sample ID: CS-21 (5')
Prep Type: Total/NA
Prep Batch: 35476

Surrogate	MS %Recovery	MS Qualifier	Limits
1-Chlorooctane	101		70 - 130
o-Terphenyl	93		70 - 130

Lab Sample ID: 880-19596-21 MSD
Matrix: Solid
Analysis Batch: 35544

Client Sample ID: CS-21 (5')
Prep Type: Total/NA
Prep Batch: 35476

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	999	970.3		mg/Kg		97	70 - 130	6	20
Diesel Range Organics (Over C10-C28)	<50.0	U *+	999	1049		mg/Kg		105	70 - 130	5	20

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

Lab Sample ID: MB 880-35478/1-A
Matrix: Solid
Analysis Batch: 35546

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 35478

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		09/27/22 09:14	09/28/22 09:23	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		09/27/22 09:14	09/28/22 09:23	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		09/27/22 09:14	09/28/22 09:23	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	105		70 - 130	09/27/22 09:14	09/28/22 09:23	1
o-Terphenyl	109		70 - 130	09/27/22 09:14	09/28/22 09:23	1

Lab Sample ID: LCS 880-35478/2-A
Matrix: Solid
Analysis Batch: 35546

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 35478

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10			1000	1215		mg/Kg		122	70 - 130		
Diesel Range Organics (Over C10-C28)			1000	1087		mg/Kg		109	70 - 130		

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1-Chlorooctane	119		70 - 130
o-Terphenyl	119		70 - 130

QC Sample Results

Client: NT Global
Project/Site: Hamon State #001

Job ID: 880-19596-1
SDG: Lea Co, NM

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

Lab Sample ID: LCSD 880-35478/3-A — **Client Sample ID: Lab Control Sample Dup**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 35546 — **Prep Batch: 35478**

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	1085		mg/Kg		109	70 - 130	11	20
Diesel Range Organics (Over C10-C28)			1000	1036		mg/Kg		104	70 - 130	5	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1-Chlorooctane	*114*		*70 - 130*
o-Terphenyl	*112*		*70 - 130*

Lab Sample ID: 880-19596-41 MS — **Client Sample ID: SW-1**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 35546 — **Prep Batch: 35478**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	998	754.3		mg/Kg		74	70 - 130
Diesel Range Organics (Over C10-C28)	<50.0	U	998	797.6		mg/Kg		78	70 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1-Chlorooctane	*75*		*70 - 130*
o-Terphenyl	*70*		*70 - 130*

Lab Sample ID: 880-19596-41 MSD — **Client Sample ID: SW-1**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 35546 — **Prep Batch: 35478**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	999	770.4		mg/Kg		76	70 - 130	2	20
Diesel Range Organics (Over C10-C28)	<50.0	U	999	798.4		mg/Kg		78	70 - 130	0	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1-Chlorooctane	*74*		*70 - 130*
o-Terphenyl	*69*	*S1-*	*70 - 130*

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-35290/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 35528

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00		mg/Kg			09/27/22 20:09	1

QC Sample Results

Client: NT Global
Project/Site: Hamon State #001

Job ID: 880-19596-1
SDG: Lea Co, NM

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: LCS 880-35290/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 35528

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

Lab Sample ID: LCSD 880-35290/3-A — **Client Sample ID: Lab Control Sample Dup**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 35528

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride			250	254.3		mg/Kg		102	90 - 110	1	20

Lab Sample ID: 880-19596-1 MS — **Client Sample ID: CS-1 (5')**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 35528

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	195	F1 F2	253	434.4		mg/Kg		95	90 - 110		

Lab Sample ID: 880-19596-1 MSD — **Client Sample ID: CS-1 (5')**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 35528

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	195	F1 F2	253	554.7	F1 F2	mg/Kg		143	90 - 110	24	20

Lab Sample ID: 880-19596-11 MS — **Client Sample ID: CS-11 (5')**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 35528

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	56.8	F1	249	331.7	F1	mg/Kg		111	90 - 110		

Lab Sample ID: 880-19596-11 MSD — **Client Sample ID: CS-11 (5')**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 35528

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	56.8	F1	249	340.4	F1	mg/Kg		114	90 - 110	3	20

Lab Sample ID: MB 880-35291/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 35530

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00		mg/Kg			09/27/22 23:46	1

Lab Sample ID: LCS 880-35291/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 35530

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride			250	264.4		mg/Kg		106	90 - 110		

QC Sample Results

Client: NT Global
Project/Site: Hamon State #001

Job ID: 880-19596-1
SDG: Lea Co, NM

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: LCSD 880-35291/3-A — **Client Sample ID: Lab Control Sample Dup**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 35530

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride			250	266.6		mg/Kg		107	90 - 110	1	20

Lab Sample ID: 880-19596-21 MS — **Client Sample ID: CS-21 (5')**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 35530

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	68.6	F1	253	334.1		mg/Kg		105	90 - 110

Lab Sample ID: 880-19596-21 MSD — **Client Sample ID: CS-21 (5')**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 35530

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	68.6	F1	253	369.2	F1	mg/Kg		119	90 - 110	10	20

Lab Sample ID: 880-19596-31 MS — **Client Sample ID: CS-31 (5')**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 35530

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	104		252	357.5		mg/Kg		101	90 - 110

Lab Sample ID: 880-19596-31 MSD — **Client Sample ID: CS-31 (5')**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 35530

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	104		252	367.6		mg/Kg		105	90 - 110	3	20

Lab Sample ID: MB 880-35292/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 35531

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00		mg/Kg			09/28/22 03:24	1

Lab Sample ID: LCS 880-35292/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 35531

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride			250	274.4		mg/Kg		110	90 - 110

Lab Sample ID: LCSD 880-35292/3-A — **Client Sample ID: Lab Control Sample Dup**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 35531

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride			250	262.0		mg/Kg		105	90 - 110	5	20

QC Sample Results

Client: NT Global
Project/Site: Hamon State #001

Job ID: 880-19596-1
SDG: Lea Co, NM

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: 880-19596-41 MS
Matrix: Solid
Analysis Batch: 35531

Client Sample ID: SW-1
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	104		248	349.6		mg/Kg		99	90 - 110

Lab Sample ID: 880-19596-41 MSD
Matrix: Solid
Analysis Batch: 35531

Client Sample ID: SW-1
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	104		248	348.9		mg/Kg		99	90 - 110	0	20

Lab Sample ID: 880-19596-51 MS
Matrix: Solid
Analysis Batch: 35531

Client Sample ID: SW-11
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	110	F1	252	388.7	F1	mg/Kg		111	90 - 110

Lab Sample ID: 880-19596-51 MSD
Matrix: Solid
Analysis Batch: 35531

Client Sample ID: SW-11
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	110	F1	252	416.1	F1	mg/Kg		122	90 - 110	7	20

QC Association Summary

Client: NT Global
Project/Site: Hamon State #001

Job ID: 880-19596-1
SDG: Lea Co, NM

GC VOA

Prep Batch: 36081

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-19596-1	CS-1 (5')	Total/NA	Solid	5035	
880-19596-2	CS-2 (5')	Total/NA	Solid	5035	
880-19596-3	CS-3 (5')	Total/NA	Solid	5035	
880-19596-4	CS-4 (5')	Total/NA	Solid	5035	
880-19596-5	CS-5 (5')	Total/NA	Solid	5035	
880-19596-6	CS-6 (5')	Total/NA	Solid	5035	
880-19596-7	CS-7 (5')	Total/NA	Solid	5035	
880-19596-8	CS-8 (5')	Total/NA	Solid	5035	
880-19596-9	CS-9 (5')	Total/NA	Solid	5035	
880-19596-10	CS-10 (5')	Total/NA	Solid	5035	
880-19596-11	CS-11 (5')	Total/NA	Solid	5035	
880-19596-12	CS-12 (5')	Total/NA	Solid	5035	
880-19596-13	CS-13 (5')	Total/NA	Solid	5035	
880-19596-14	CS-14 (5')	Total/NA	Solid	5035	
880-19596-15	CS-15 (5')	Total/NA	Solid	5035	
880-19596-16	CS-16 (5')	Total/NA	Solid	5035	
880-19596-17	CS-17 (5')	Total/NA	Solid	5035	
880-19596-18	CS-18 (5')	Total/NA	Solid	5035	
880-19596-19	CS-19 (5')	Total/NA	Solid	5035	
880-19596-20	CS-20 (5')	Total/NA	Solid	5035	
MB 880-36081/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-36081/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-36081/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-19596-1 MS	CS-1 (5')	Total/NA	Solid	5035	
880-19596-1 MSD	CS-1 (5')	Total/NA	Solid	5035	

Prep Batch: 36082

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-19596-22	CS-22 (5')	Total/NA	Solid	5035	
880-19596-23	CS-23 (5')	Total/NA	Solid	5035	
880-19596-24	CS-24 (5')	Total/NA	Solid	5035	
880-19596-25	CS-25 (5')	Total/NA	Solid	5035	
880-19596-26	CS-26 (5')	Total/NA	Solid	5035	
880-19596-27	CS-27 (5')	Total/NA	Solid	5035	
880-19596-28	CS-28 (5')	Total/NA	Solid	5035	
880-19596-29	CS-29 (5')	Total/NA	Solid	5035	
880-19596-30	CS-30 (5')	Total/NA	Solid	5035	
880-19596-31	CS-31 (5')	Total/NA	Solid	5035	
880-19596-32	CS-32 (5')	Total/NA	Solid	5035	
880-19596-33	CS-33 (5')	Total/NA	Solid	5035	
880-19596-34	CS-34 (5')	Total/NA	Solid	5035	
880-19596-35	CS-35 (5')	Total/NA	Solid	5035	
880-19596-36	CS-36 (5')	Total/NA	Solid	5035	
880-19596-37	CS-37 (5')	Total/NA	Solid	5035	
880-19596-38	CS-38 (6')	Total/NA	Solid	5035	
880-19596-39	CS-39 (6')	Total/NA	Solid	5035	
880-19596-40	CS-40 (6')	Total/NA	Solid	5035	
MB 880-36082/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-36082/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-36082/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-19596-21 MS	CS-21 (5')	Total/NA	Solid	5035	

QC Association Summary

Client: NT Global
Project/Site: Hamon State #001

Job ID: 880-19596-1
SDG: Lea Co, NM

GC VOA (Continued)

Prep Batch: 36082 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-19596-21 MSD	CS-21 (5')	Total/NA	Solid	5035	

Prep Batch: 36083

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-19596-41	SW-1	Total/NA	Solid	5035	
880-19596-42	SW-2	Total/NA	Solid	5035	
880-19596-43	SW-3	Total/NA	Solid	5035	
880-19596-44	SW-4	Total/NA	Solid	5035	
880-19596-45	SW-5	Total/NA	Solid	5035	
880-19596-46	SW-6	Total/NA	Solid	5035	
880-19596-47	SW-7	Total/NA	Solid	5035	
880-19596-48	SW-8	Total/NA	Solid	5035	
880-19596-49	SW-9	Total/NA	Solid	5035	
880-19596-50	SW-10	Total/NA	Solid	5035	
880-19596-51	SW-11	Total/NA	Solid	5035	
880-19596-52	SW-12	Total/NA	Solid	5035	
880-19596-53	SW-13	Total/NA	Solid	5035	
880-19596-54	SW-14	Total/NA	Solid	5035	
880-19596-55	SW-15	Total/NA	Solid	5035	
880-19596-56	SW-16	Total/NA	Solid	5035	
880-19596-57	SW-17	Total/NA	Solid	5035	
880-19596-58	SW-18	Total/NA	Solid	5035	
880-19596-59	SW-19	Total/NA	Solid	5035	
MB 880-36083/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-36083/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-36083/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-19596-41 MS	SW-1	Total/NA	Solid	5035	
880-19596-41 MSD	SW-1	Total/NA	Solid	5035	

Analysis Batch: 36191

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-19596-1	CS-1 (5')	Total/NA	Solid	8021B	36081
880-19596-2	CS-2 (5')	Total/NA	Solid	8021B	36081
880-19596-3	CS-3 (5')	Total/NA	Solid	8021B	36081
880-19596-4	CS-4 (5')	Total/NA	Solid	8021B	36081
880-19596-5	CS-5 (5')	Total/NA	Solid	8021B	36081
880-19596-6	CS-6 (5')	Total/NA	Solid	8021B	36081
880-19596-7	CS-7 (5')	Total/NA	Solid	8021B	36081
880-19596-8	CS-8 (5')	Total/NA	Solid	8021B	36081
880-19596-9	CS-9 (5')	Total/NA	Solid	8021B	36081
880-19596-10	CS-10 (5')	Total/NA	Solid	8021B	36081
880-19596-11	CS-11 (5')	Total/NA	Solid	8021B	36081
880-19596-12	CS-12 (5')	Total/NA	Solid	8021B	36081
880-19596-13	CS-13 (5')	Total/NA	Solid	8021B	36081
880-19596-14	CS-14 (5')	Total/NA	Solid	8021B	36081
880-19596-15	CS-15 (5')	Total/NA	Solid	8021B	36081
880-19596-16	CS-16 (5')	Total/NA	Solid	8021B	36081
880-19596-17	CS-17 (5')	Total/NA	Solid	8021B	36081
880-19596-18	CS-18 (5')	Total/NA	Solid	8021B	36081
880-19596-19	CS-19 (5')	Total/NA	Solid	8021B	36081
880-19596-20	CS-20 (5')	Total/NA	Solid	8021B	36081

QC Association Summary

Client: NT Global
Project/Site: Hamon State #001

Job ID: 880-19596-1
SDG: Lea Co, NM

GC VOA (Continued)

Analysis Batch: 36191 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-36081/5-A	Method Blank	Total/NA	Solid	8021B	36081
LCS 880-36081/1-A	Lab Control Sample	Total/NA	Solid	8021B	36081
LCSD 880-36081/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	36081
880-19596-1 MS	CS-1 (5')	Total/NA	Solid	8021B	36081
880-19596-1 MSD	CS-1 (5')	Total/NA	Solid	8021B	36081

Prep Batch: 36204

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-36204/5-A	Method Blank	Total/NA	Solid	5035	

Prep Batch: 36205

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-19596-21	CS-21 (5')	Total/NA	Solid	5035	
MB 880-36205/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-36205/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-36205/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-19973-A-30-C MS	Matrix Spike	Total/NA	Solid	5035	
880-19973-A-30-D MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Analysis Batch: 36224

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-19596-22	CS-22 (5')	Total/NA	Solid	8021B	36082
880-19596-23	CS-23 (5')	Total/NA	Solid	8021B	36082
880-19596-24	CS-24 (5')	Total/NA	Solid	8021B	36082
880-19596-25	CS-25 (5')	Total/NA	Solid	8021B	36082
880-19596-26	CS-26 (5')	Total/NA	Solid	8021B	36082
880-19596-27	CS-27 (5')	Total/NA	Solid	8021B	36082
880-19596-28	CS-28 (5')	Total/NA	Solid	8021B	36082
880-19596-29	CS-29 (5')	Total/NA	Solid	8021B	36082
880-19596-30	CS-30 (5')	Total/NA	Solid	8021B	36082
880-19596-31	CS-31 (5')	Total/NA	Solid	8021B	36082
880-19596-32	CS-32 (5')	Total/NA	Solid	8021B	36082
880-19596-33	CS-33 (5')	Total/NA	Solid	8021B	36082
880-19596-34	CS-34 (5')	Total/NA	Solid	8021B	36082
880-19596-35	CS-35 (5')	Total/NA	Solid	8021B	36082
880-19596-36	CS-36 (5')	Total/NA	Solid	8021B	36082
880-19596-37	CS-37 (5')	Total/NA	Solid	8021B	36082
880-19596-38	CS-38 (6')	Total/NA	Solid	8021B	36082
880-19596-39	CS-39 (6')	Total/NA	Solid	8021B	36082
880-19596-40	CS-40 (6')	Total/NA	Solid	8021B	36082
MB 880-36082/5-A	Method Blank	Total/NA	Solid	8021B	36082
LCS 880-36082/1-A	Lab Control Sample	Total/NA	Solid	8021B	36082
LCSD 880-36082/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	36082
880-19596-21 MS	CS-21 (5')	Total/NA	Solid	8021B	36082
880-19596-21 MSD	CS-21 (5')	Total/NA	Solid	8021B	36082

Analysis Batch: 36228

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-19596-21	CS-21 (5')	Total/NA	Solid	8021B	36205
MB 880-36204/5-A	Method Blank	Total/NA	Solid	8021B	36204
MB 880-36205/5-A	Method Blank	Total/NA	Solid	8021B	36205

QC Association Summary

Client: NT Global
Project/Site: Hamon State #001

Job ID: 880-19596-1
SDG: Lea Co, NM

GC VOA (Continued)

Analysis Batch: 36228 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 880-36205/1-A	Lab Control Sample	Total/NA	Solid	8021B	36205
LCSD 880-36205/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	36205
880-19973-A-30-C MS	Matrix Spike	Total/NA	Solid	8021B	36205
880-19973-A-30-D MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	36205

Analysis Batch: 36229

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-19596-1	CS-1 (5')	Total/NA	Solid	Total BTEX	
880-19596-2	CS-2 (5')	Total/NA	Solid	Total BTEX	
880-19596-3	CS-3 (5')	Total/NA	Solid	Total BTEX	
880-19596-4	CS-4 (5')	Total/NA	Solid	Total BTEX	
880-19596-5	CS-5 (5')	Total/NA	Solid	Total BTEX	
880-19596-6	CS-6 (5')	Total/NA	Solid	Total BTEX	
880-19596-7	CS-7 (5')	Total/NA	Solid	Total BTEX	
880-19596-8	CS-8 (5')	Total/NA	Solid	Total BTEX	
880-19596-9	CS-9 (5')	Total/NA	Solid	Total BTEX	
880-19596-10	CS-10 (5')	Total/NA	Solid	Total BTEX	
880-19596-11	CS-11 (5')	Total/NA	Solid	Total BTEX	
880-19596-12	CS-12 (5')	Total/NA	Solid	Total BTEX	
880-19596-13	CS-13 (5')	Total/NA	Solid	Total BTEX	
880-19596-14	CS-14 (5')	Total/NA	Solid	Total BTEX	
880-19596-15	CS-15 (5')	Total/NA	Solid	Total BTEX	
880-19596-16	CS-16 (5')	Total/NA	Solid	Total BTEX	
880-19596-17	CS-17 (5')	Total/NA	Solid	Total BTEX	
880-19596-18	CS-18 (5')	Total/NA	Solid	Total BTEX	
880-19596-19	CS-19 (5')	Total/NA	Solid	Total BTEX	
880-19596-20	CS-20 (5')	Total/NA	Solid	Total BTEX	
880-19596-21	CS-21 (5')	Total/NA	Solid	Total BTEX	
880-19596-22	CS-22 (5')	Total/NA	Solid	Total BTEX	
880-19596-23	CS-23 (5')	Total/NA	Solid	Total BTEX	
880-19596-24	CS-24 (5')	Total/NA	Solid	Total BTEX	
880-19596-25	CS-25 (5')	Total/NA	Solid	Total BTEX	
880-19596-26	CS-26 (5')	Total/NA	Solid	Total BTEX	
880-19596-27	CS-27 (5')	Total/NA	Solid	Total BTEX	
880-19596-28	CS-28 (5')	Total/NA	Solid	Total BTEX	
880-19596-29	CS-29 (5')	Total/NA	Solid	Total BTEX	
880-19596-30	CS-30 (5')	Total/NA	Solid	Total BTEX	
880-19596-31	CS-31 (5')	Total/NA	Solid	Total BTEX	
880-19596-32	CS-32 (5')	Total/NA	Solid	Total BTEX	
880-19596-33	CS-33 (5')	Total/NA	Solid	Total BTEX	
880-19596-34	CS-34 (5')	Total/NA	Solid	Total BTEX	
880-19596-35	CS-35 (5')	Total/NA	Solid	Total BTEX	
880-19596-36	CS-36 (5')	Total/NA	Solid	Total BTEX	
880-19596-37	CS-37 (5')	Total/NA	Solid	Total BTEX	
880-19596-38	CS-38 (6')	Total/NA	Solid	Total BTEX	
880-19596-39	CS-39 (6')	Total/NA	Solid	Total BTEX	
880-19596-40	CS-40 (6')	Total/NA	Solid	Total BTEX	
880-19596-41	SW-1	Total/NA	Solid	Total BTEX	
880-19596-42	SW-2	Total/NA	Solid	Total BTEX	
880-19596-43	SW-3	Total/NA	Solid	Total BTEX	
880-19596-44	SW-4	Total/NA	Solid	Total BTEX	

QC Association Summary

Client: NT Global
Project/Site: Hamon State #001

Job ID: 880-19596-1
SDG: Lea Co, NM

GC VOA (Continued)

Analysis Batch: 36229 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-19596-45	SW-5	Total/NA	Solid	Total BTEX	
880-19596-46	SW-6	Total/NA	Solid	Total BTEX	
880-19596-47	SW-7	Total/NA	Solid	Total BTEX	
880-19596-48	SW-8	Total/NA	Solid	Total BTEX	
880-19596-49	SW-9	Total/NA	Solid	Total BTEX	
880-19596-50	SW-10	Total/NA	Solid	Total BTEX	
880-19596-51	SW-11	Total/NA	Solid	Total BTEX	
880-19596-52	SW-12	Total/NA	Solid	Total BTEX	
880-19596-53	SW-13	Total/NA	Solid	Total BTEX	
880-19596-54	SW-14	Total/NA	Solid	Total BTEX	
880-19596-55	SW-15	Total/NA	Solid	Total BTEX	
880-19596-56	SW-16	Total/NA	Solid	Total BTEX	
880-19596-57	SW-17	Total/NA	Solid	Total BTEX	
880-19596-58	SW-18	Total/NA	Solid	Total BTEX	
880-19596-59	SW-19	Total/NA	Solid	Total BTEX	

Analysis Batch: 36326

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-19596-41	SW-1	Total/NA	Solid	8021B	36083
880-19596-42	SW-2	Total/NA	Solid	8021B	36083
880-19596-43	SW-3	Total/NA	Solid	8021B	36083
880-19596-44	SW-4	Total/NA	Solid	8021B	36083
880-19596-45	SW-5	Total/NA	Solid	8021B	36083
880-19596-46	SW-6	Total/NA	Solid	8021B	36083
880-19596-47	SW-7	Total/NA	Solid	8021B	36083
880-19596-48	SW-8	Total/NA	Solid	8021B	36083
880-19596-49	SW-9	Total/NA	Solid	8021B	36083
880-19596-50	SW-10	Total/NA	Solid	8021B	36083
880-19596-51	SW-11	Total/NA	Solid	8021B	36083
880-19596-52	SW-12	Total/NA	Solid	8021B	36083
880-19596-53	SW-13	Total/NA	Solid	8021B	36083
880-19596-54	SW-14	Total/NA	Solid	8021B	36083
880-19596-55	SW-15	Total/NA	Solid	8021B	36083
880-19596-56	SW-16	Total/NA	Solid	8021B	36083
880-19596-57	SW-17	Total/NA	Solid	8021B	36083
880-19596-58	SW-18	Total/NA	Solid	8021B	36083
880-19596-59	SW-19	Total/NA	Solid	8021B	36083
MB 880-36083/5-A	Method Blank	Total/NA	Solid	8021B	36083
LCS 880-36083/1-A	Lab Control Sample	Total/NA	Solid	8021B	36083
LCSD 880-36083/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	36083
880-19596-41 MS	SW-1	Total/NA	Solid	8021B	36083
880-19596-41 MSD	SW-1	Total/NA	Solid	8021B	36083

GC Semi VOA

Prep Batch: 35452

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-19596-1	CS-1 (5')	Total/NA	Solid	8015NM Prep	
880-19596-2	CS-2 (5')	Total/NA	Solid	8015NM Prep	
880-19596-3	CS-3 (5')	Total/NA	Solid	8015NM Prep	
880-19596-4	CS-4 (5')	Total/NA	Solid	8015NM Prep	

QC Association Summary

Client: NT Global
Project/Site: Hamon State #001

Job ID: 880-19596-1
SDG: Lea Co, NM

GC Semi VOA (Continued)

Prep Batch: 35452 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-19596-5	CS-5 (5')	Total/NA	Solid	8015NM Prep	
880-19596-6	CS-6 (5')	Total/NA	Solid	8015NM Prep	
880-19596-7	CS-7 (5')	Total/NA	Solid	8015NM Prep	
880-19596-8	CS-8 (5')	Total/NA	Solid	8015NM Prep	
880-19596-9	CS-9 (5')	Total/NA	Solid	8015NM Prep	
880-19596-10	CS-10 (5')	Total/NA	Solid	8015NM Prep	
880-19596-11	CS-11 (5')	Total/NA	Solid	8015NM Prep	
880-19596-12	CS-12 (5')	Total/NA	Solid	8015NM Prep	
880-19596-13	CS-13 (5')	Total/NA	Solid	8015NM Prep	
880-19596-14	CS-14 (5')	Total/NA	Solid	8015NM Prep	
880-19596-15	CS-15 (5')	Total/NA	Solid	8015NM Prep	
880-19596-16	CS-16 (5')	Total/NA	Solid	8015NM Prep	
880-19596-17	CS-17 (5')	Total/NA	Solid	8015NM Prep	
880-19596-18	CS-18 (5')	Total/NA	Solid	8015NM Prep	
880-19596-19	CS-19 (5')	Total/NA	Solid	8015NM Prep	
880-19596-20	CS-20 (5')	Total/NA	Solid	8015NM Prep	
MB 880-35452/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-35452/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-35452/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-19596-1 MS	CS-1 (5')	Total/NA	Solid	8015NM Prep	
880-19596-1 MSD	CS-1 (5')	Total/NA	Solid	8015NM Prep	

Analysis Batch: 35462

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-19596-1	CS-1 (5')	Total/NA	Solid	8015B NM	35452
880-19596-2	CS-2 (5')	Total/NA	Solid	8015B NM	35452
880-19596-3	CS-3 (5')	Total/NA	Solid	8015B NM	35452
880-19596-4	CS-4 (5')	Total/NA	Solid	8015B NM	35452
880-19596-5	CS-5 (5')	Total/NA	Solid	8015B NM	35452
880-19596-6	CS-6 (5')	Total/NA	Solid	8015B NM	35452
880-19596-7	CS-7 (5')	Total/NA	Solid	8015B NM	35452
880-19596-8	CS-8 (5')	Total/NA	Solid	8015B NM	35452
880-19596-9	CS-9 (5')	Total/NA	Solid	8015B NM	35452
880-19596-10	CS-10 (5')	Total/NA	Solid	8015B NM	35452
880-19596-11	CS-11 (5')	Total/NA	Solid	8015B NM	35452
880-19596-12	CS-12 (5')	Total/NA	Solid	8015B NM	35452
880-19596-13	CS-13 (5')	Total/NA	Solid	8015B NM	35452
880-19596-14	CS-14 (5')	Total/NA	Solid	8015B NM	35452
880-19596-15	CS-15 (5')	Total/NA	Solid	8015B NM	35452
880-19596-16	CS-16 (5')	Total/NA	Solid	8015B NM	35452
880-19596-17	CS-17 (5')	Total/NA	Solid	8015B NM	35452
880-19596-18	CS-18 (5')	Total/NA	Solid	8015B NM	35452
880-19596-19	CS-19 (5')	Total/NA	Solid	8015B NM	35452
880-19596-20	CS-20 (5')	Total/NA	Solid	8015B NM	35452
MB 880-35452/1-A	Method Blank	Total/NA	Solid	8015B NM	35452
LCS 880-35452/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	35452
LCSD 880-35452/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	35452
880-19596-1 MS	CS-1 (5')	Total/NA	Solid	8015B NM	35452
880-19596-1 MSD	CS-1 (5')	Total/NA	Solid	8015B NM	35452

QC Association Summary

Client: NT Global
Project/Site: Hamon State #001

Job ID: 880-19596-1
SDG: Lea Co, NM

GC Semi VOA

Prep Batch: 35476

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-19596-21	CS-21 (5')	Total/NA	Solid	8015NM Prep	
880-19596-22	CS-22 (5')	Total/NA	Solid	8015NM Prep	
880-19596-23	CS-23 (5')	Total/NA	Solid	8015NM Prep	
880-19596-24	CS-24 (5')	Total/NA	Solid	8015NM Prep	
880-19596-25	CS-25 (5')	Total/NA	Solid	8015NM Prep	
880-19596-26	CS-26 (5')	Total/NA	Solid	8015NM Prep	
880-19596-27	CS-27 (5')	Total/NA	Solid	8015NM Prep	
880-19596-28	CS-28 (5')	Total/NA	Solid	8015NM Prep	
880-19596-29	CS-29 (5')	Total/NA	Solid	8015NM Prep	
880-19596-30	CS-30 (5')	Total/NA	Solid	8015NM Prep	
880-19596-31	CS-31 (5')	Total/NA	Solid	8015NM Prep	
880-19596-32	CS-32 (5')	Total/NA	Solid	8015NM Prep	
880-19596-33	CS-33 (5')	Total/NA	Solid	8015NM Prep	
880-19596-34	CS-34 (5')	Total/NA	Solid	8015NM Prep	
880-19596-35	CS-35 (5')	Total/NA	Solid	8015NM Prep	
880-19596-36	CS-36 (5')	Total/NA	Solid	8015NM Prep	
880-19596-37	CS-37 (5')	Total/NA	Solid	8015NM Prep	
880-19596-38	CS-38 (6')	Total/NA	Solid	8015NM Prep	
880-19596-39	CS-39 (6')	Total/NA	Solid	8015NM Prep	
880-19596-40	CS-40 (6')	Total/NA	Solid	8015NM Prep	
MB 880-35476/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-35476/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-35476/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-19596-21 MS	CS-21 (5')	Total/NA	Solid	8015NM Prep	
880-19596-21 MSD	CS-21 (5')	Total/NA	Solid	8015NM Prep	

Prep Batch: 35478

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-19596-41	SW-1	Total/NA	Solid	8015NM Prep	
880-19596-42	SW-2	Total/NA	Solid	8015NM Prep	
880-19596-43	SW-3	Total/NA	Solid	8015NM Prep	
880-19596-44	SW-4	Total/NA	Solid	8015NM Prep	
880-19596-45	SW-5	Total/NA	Solid	8015NM Prep	
880-19596-46	SW-6	Total/NA	Solid	8015NM Prep	
880-19596-47	SW-7	Total/NA	Solid	8015NM Prep	
880-19596-48	SW-8	Total/NA	Solid	8015NM Prep	
880-19596-49	SW-9	Total/NA	Solid	8015NM Prep	
880-19596-50	SW-10	Total/NA	Solid	8015NM Prep	
880-19596-51	SW-11	Total/NA	Solid	8015NM Prep	
880-19596-52	SW-12	Total/NA	Solid	8015NM Prep	
880-19596-53	SW-13	Total/NA	Solid	8015NM Prep	
880-19596-54	SW-14	Total/NA	Solid	8015NM Prep	
880-19596-55	SW-15	Total/NA	Solid	8015NM Prep	
880-19596-56	SW-16	Total/NA	Solid	8015NM Prep	
880-19596-57	SW-17	Total/NA	Solid	8015NM Prep	
880-19596-58	SW-18	Total/NA	Solid	8015NM Prep	
880-19596-59	SW-19	Total/NA	Solid	8015NM Prep	
MB 880-35478/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-35478/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-35478/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-19596-41 MS	SW-1	Total/NA	Solid	8015NM Prep	

QC Association Summary

Client: NT Global
Project/Site: Hamon State #001

Job ID: 880-19596-1
SDG: Lea Co, NM

GC Semi VOA (Continued)

Prep Batch: 35478 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-19596-41 MSD	SW-1	Total/NA	Solid	8015NM Prep	

Analysis Batch: 35544

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-19596-21	CS-21 (5')	Total/NA	Solid	8015B NM	35476
880-19596-22	CS-22 (5')	Total/NA	Solid	8015B NM	35476
880-19596-23	CS-23 (5')	Total/NA	Solid	8015B NM	35476
880-19596-24	CS-24 (5')	Total/NA	Solid	8015B NM	35476
880-19596-25	CS-25 (5')	Total/NA	Solid	8015B NM	35476
880-19596-26	CS-26 (5')	Total/NA	Solid	8015B NM	35476
880-19596-27	CS-27 (5')	Total/NA	Solid	8015B NM	35476
880-19596-28	CS-28 (5')	Total/NA	Solid	8015B NM	35476
880-19596-29	CS-29 (5')	Total/NA	Solid	8015B NM	35476
880-19596-30	CS-30 (5')	Total/NA	Solid	8015B NM	35476
880-19596-31	CS-31 (5')	Total/NA	Solid	8015B NM	35476
880-19596-32	CS-32 (5')	Total/NA	Solid	8015B NM	35476
880-19596-33	CS-33 (5')	Total/NA	Solid	8015B NM	35476
880-19596-34	CS-34 (5')	Total/NA	Solid	8015B NM	35476
880-19596-35	CS-35 (5')	Total/NA	Solid	8015B NM	35476
880-19596-36	CS-36 (5')	Total/NA	Solid	8015B NM	35476
880-19596-37	CS-37 (5')	Total/NA	Solid	8015B NM	35476
880-19596-38	CS-38 (6')	Total/NA	Solid	8015B NM	35476
880-19596-39	CS-39 (6')	Total/NA	Solid	8015B NM	35476
880-19596-40	CS-40 (6')	Total/NA	Solid	8015B NM	35476
MB 880-35476/1-A	Method Blank	Total/NA	Solid	8015B NM	35476
LCS 880-35476/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	35476
LCSD 880-35476/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	35476
880-19596-21 MS	CS-21 (5')	Total/NA	Solid	8015B NM	35476
880-19596-21 MSD	CS-21 (5')	Total/NA	Solid	8015B NM	35476

Analysis Batch: 35546

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-19596-41	SW-1	Total/NA	Solid	8015B NM	35478
880-19596-42	SW-2	Total/NA	Solid	8015B NM	35478
880-19596-43	SW-3	Total/NA	Solid	8015B NM	35478
880-19596-44	SW-4	Total/NA	Solid	8015B NM	35478
880-19596-45	SW-5	Total/NA	Solid	8015B NM	35478
880-19596-46	SW-6	Total/NA	Solid	8015B NM	35478
880-19596-47	SW-7	Total/NA	Solid	8015B NM	35478
880-19596-48	SW-8	Total/NA	Solid	8015B NM	35478
880-19596-49	SW-9	Total/NA	Solid	8015B NM	35478
880-19596-50	SW-10	Total/NA	Solid	8015B NM	35478
880-19596-51	SW-11	Total/NA	Solid	8015B NM	35478
880-19596-52	SW-12	Total/NA	Solid	8015B NM	35478
880-19596-53	SW-13	Total/NA	Solid	8015B NM	35478
880-19596-54	SW-14	Total/NA	Solid	8015B NM	35478
880-19596-55	SW-15	Total/NA	Solid	8015B NM	35478
880-19596-56	SW-16	Total/NA	Solid	8015B NM	35478
880-19596-57	SW-17	Total/NA	Solid	8015B NM	35478
880-19596-58	SW-18	Total/NA	Solid	8015B NM	35478
880-19596-59	SW-19	Total/NA	Solid	8015B NM	35478

QC Association Summary

Client: NT Global
Project/Site: Hamon State #001

Job ID: 880-19596-1
SDG: Lea Co, NM

GC Semi VOA (Continued)

Analysis Batch: 35546 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-35478/1-A	Method Blank	Total/NA	Solid	8015B NM	35478
LCS 880-35478/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	35478
LCSD 880-35478/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	35478
880-19596-41 MS	SW-1	Total/NA	Solid	8015B NM	35478
880-19596-41 MSD	SW-1	Total/NA	Solid	8015B NM	35478

Analysis Batch: 35579

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-19596-1	CS-1 (5')	Total/NA	Solid	8015 NM	
880-19596-2	CS-2 (5')	Total/NA	Solid	8015 NM	
880-19596-3	CS-3 (5')	Total/NA	Solid	8015 NM	
880-19596-4	CS-4 (5')	Total/NA	Solid	8015 NM	
880-19596-5	CS-5 (5')	Total/NA	Solid	8015 NM	
880-19596-6	CS-6 (5')	Total/NA	Solid	8015 NM	
880-19596-7	CS-7 (5')	Total/NA	Solid	8015 NM	
880-19596-8	CS-8 (5')	Total/NA	Solid	8015 NM	
880-19596-9	CS-9 (5')	Total/NA	Solid	8015 NM	
880-19596-10	CS-10 (5')	Total/NA	Solid	8015 NM	
880-19596-11	CS-11 (5')	Total/NA	Solid	8015 NM	
880-19596-12	CS-12 (5')	Total/NA	Solid	8015 NM	
880-19596-13	CS-13 (5')	Total/NA	Solid	8015 NM	
880-19596-14	CS-14 (5')	Total/NA	Solid	8015 NM	
880-19596-15	CS-15 (5')	Total/NA	Solid	8015 NM	
880-19596-16	CS-16 (5')	Total/NA	Solid	8015 NM	
880-19596-17	CS-17 (5')	Total/NA	Solid	8015 NM	
880-19596-18	CS-18 (5')	Total/NA	Solid	8015 NM	
880-19596-19	CS-19 (5')	Total/NA	Solid	8015 NM	
880-19596-20	CS-20 (5')	Total/NA	Solid	8015 NM	
880-19596-21	CS-21 (5')	Total/NA	Solid	8015 NM	
880-19596-22	CS-22 (5')	Total/NA	Solid	8015 NM	
880-19596-23	CS-23 (5')	Total/NA	Solid	8015 NM	
880-19596-24	CS-24 (5')	Total/NA	Solid	8015 NM	
880-19596-25	CS-25 (5')	Total/NA	Solid	8015 NM	
880-19596-26	CS-26 (5')	Total/NA	Solid	8015 NM	
880-19596-27	CS-27 (5')	Total/NA	Solid	8015 NM	
880-19596-28	CS-28 (5')	Total/NA	Solid	8015 NM	
880-19596-29	CS-29 (5')	Total/NA	Solid	8015 NM	
880-19596-30	CS-30 (5')	Total/NA	Solid	8015 NM	
880-19596-31	CS-31 (5')	Total/NA	Solid	8015 NM	
880-19596-32	CS-32 (5')	Total/NA	Solid	8015 NM	
880-19596-33	CS-33 (5')	Total/NA	Solid	8015 NM	
880-19596-34	CS-34 (5')	Total/NA	Solid	8015 NM	
880-19596-35	CS-35 (5')	Total/NA	Solid	8015 NM	
880-19596-36	CS-36 (5')	Total/NA	Solid	8015 NM	
880-19596-37	CS-37 (5')	Total/NA	Solid	8015 NM	
880-19596-38	CS-38 (6')	Total/NA	Solid	8015 NM	
880-19596-39	CS-39 (6')	Total/NA	Solid	8015 NM	
880-19596-40	CS-40 (6')	Total/NA	Solid	8015 NM	
880-19596-41	SW-1	Total/NA	Solid	8015 NM	
880-19596-42	SW-2	Total/NA	Solid	8015 NM	
880-19596-43	SW-3	Total/NA	Solid	8015 NM	

QC Association Summary

Client: NT Global
Project/Site: Hamon State #001

Job ID: 880-19596-1
SDG: Lea Co, NM

GC Semi VOA (Continued)

Analysis Batch: 35579 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-19596-44	SW-4	Total/NA	Solid	8015 NM	
880-19596-45	SW-5	Total/NA	Solid	8015 NM	
880-19596-46	SW-6	Total/NA	Solid	8015 NM	
880-19596-47	SW-7	Total/NA	Solid	8015 NM	
880-19596-48	SW-8	Total/NA	Solid	8015 NM	
880-19596-49	SW-9	Total/NA	Solid	8015 NM	
880-19596-50	SW-10	Total/NA	Solid	8015 NM	
880-19596-51	SW-11	Total/NA	Solid	8015 NM	
880-19596-52	SW-12	Total/NA	Solid	8015 NM	
880-19596-53	SW-13	Total/NA	Solid	8015 NM	
880-19596-54	SW-14	Total/NA	Solid	8015 NM	
880-19596-55	SW-15	Total/NA	Solid	8015 NM	
880-19596-56	SW-16	Total/NA	Solid	8015 NM	
880-19596-57	SW-17	Total/NA	Solid	8015 NM	
880-19596-58	SW-18	Total/NA	Solid	8015 NM	
880-19596-59	SW-19	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 35290

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-19596-1	CS-1 (5')	Soluble	Solid	DI Leach	
880-19596-2	CS-2 (5')	Soluble	Solid	DI Leach	
880-19596-3	CS-3 (5')	Soluble	Solid	DI Leach	
880-19596-4	CS-4 (5')	Soluble	Solid	DI Leach	
880-19596-5	CS-5 (5')	Soluble	Solid	DI Leach	
880-19596-6	CS-6 (5')	Soluble	Solid	DI Leach	
880-19596-7	CS-7 (5')	Soluble	Solid	DI Leach	
880-19596-8	CS-8 (5')	Soluble	Solid	DI Leach	
880-19596-9	CS-9 (5')	Soluble	Solid	DI Leach	
880-19596-10	CS-10 (5')	Soluble	Solid	DI Leach	
880-19596-11	CS-11 (5')	Soluble	Solid	DI Leach	
880-19596-12	CS-12 (5')	Soluble	Solid	DI Leach	
880-19596-13	CS-13 (5')	Soluble	Solid	DI Leach	
880-19596-14	CS-14 (5')	Soluble	Solid	DI Leach	
880-19596-15	CS-15 (5')	Soluble	Solid	DI Leach	
880-19596-16	CS-16 (5')	Soluble	Solid	DI Leach	
880-19596-17	CS-17 (5')	Soluble	Solid	DI Leach	
880-19596-18	CS-18 (5')	Soluble	Solid	DI Leach	
880-19596-19	CS-19 (5')	Soluble	Solid	DI Leach	
880-19596-20	CS-20 (5')	Soluble	Solid	DI Leach	
MB 880-35290/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-35290/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-35290/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-19596-1 MS	CS-1 (5')	Soluble	Solid	DI Leach	
880-19596-1 MSD	CS-1 (5')	Soluble	Solid	DI Leach	
880-19596-11 MS	CS-11 (5')	Soluble	Solid	DI Leach	
880-19596-11 MSD	CS-11 (5')	Soluble	Solid	DI Leach	

QC Association Summary

Client: NT Global
Project/Site: Hamon State #001

Job ID: 880-19596-1
SDG: Lea Co, NM

HPLC/IC

Leach Batch: 35291

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-19596-21	CS-21 (5')	Soluble	Solid	DI Leach	
880-19596-22	CS-22 (5')	Soluble	Solid	DI Leach	
880-19596-23	CS-23 (5')	Soluble	Solid	DI Leach	
880-19596-24	CS-24 (5')	Soluble	Solid	DI Leach	
880-19596-25	CS-25 (5')	Soluble	Solid	DI Leach	
880-19596-26	CS-26 (5')	Soluble	Solid	DI Leach	
880-19596-27	CS-27 (5')	Soluble	Solid	DI Leach	
880-19596-28	CS-28 (5')	Soluble	Solid	DI Leach	
880-19596-29	CS-29 (5')	Soluble	Solid	DI Leach	
880-19596-30	CS-30 (5')	Soluble	Solid	DI Leach	
880-19596-31	CS-31 (5')	Soluble	Solid	DI Leach	
880-19596-32	CS-32 (5')	Soluble	Solid	DI Leach	
880-19596-33	CS-33 (5')	Soluble	Solid	DI Leach	
880-19596-34	CS-34 (5')	Soluble	Solid	DI Leach	
880-19596-35	CS-35 (5')	Soluble	Solid	DI Leach	
880-19596-36	CS-36 (5')	Soluble	Solid	DI Leach	
880-19596-37	CS-37 (5')	Soluble	Solid	DI Leach	
880-19596-38	CS-38 (6')	Soluble	Solid	DI Leach	
880-19596-39	CS-39 (6')	Soluble	Solid	DI Leach	
880-19596-40	CS-40 (6')	Soluble	Solid	DI Leach	
MB 880-35291/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-35291/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-35291/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-19596-21 MS	CS-21 (5')	Soluble	Solid	DI Leach	
880-19596-21 MSD	CS-21 (5')	Soluble	Solid	DI Leach	
880-19596-31 MS	CS-31 (5')	Soluble	Solid	DI Leach	
880-19596-31 MSD	CS-31 (5')	Soluble	Solid	DI Leach	

Leach Batch: 35292

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-19596-41	SW-1	Soluble	Solid	DI Leach	
880-19596-42	SW-2	Soluble	Solid	DI Leach	
880-19596-43	SW-3	Soluble	Solid	DI Leach	
880-19596-44	SW-4	Soluble	Solid	DI Leach	
880-19596-45	SW-5	Soluble	Solid	DI Leach	
880-19596-46	SW-6	Soluble	Solid	DI Leach	
880-19596-47	SW-7	Soluble	Solid	DI Leach	
880-19596-48	SW-8	Soluble	Solid	DI Leach	
880-19596-49	SW-9	Soluble	Solid	DI Leach	
880-19596-50	SW-10	Soluble	Solid	DI Leach	
880-19596-51	SW-11	Soluble	Solid	DI Leach	
880-19596-52	SW-12	Soluble	Solid	DI Leach	
880-19596-53	SW-13	Soluble	Solid	DI Leach	
880-19596-54	SW-14	Soluble	Solid	DI Leach	
880-19596-55	SW-15	Soluble	Solid	DI Leach	
880-19596-56	SW-16	Soluble	Solid	DI Leach	
880-19596-57	SW-17	Soluble	Solid	DI Leach	
880-19596-58	SW-18	Soluble	Solid	DI Leach	
880-19596-59	SW-19	Soluble	Solid	DI Leach	
MB 880-35292/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-35292/2-A	Lab Control Sample	Soluble	Solid	DI Leach	

QC Association Summary

Client: NT Global
Project/Site: Hamon State #001

Job ID: 880-19596-1
SDG: Lea Co, NM

HPLC/IC (Continued)

Leach Batch: 35292 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCSD 880-35292/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-19596-41 MS	SW-1	Soluble	Solid	DI Leach	
880-19596-41 MSD	SW-1	Soluble	Solid	DI Leach	
880-19596-51 MS	SW-11	Soluble	Solid	DI Leach	
880-19596-51 MSD	SW-11	Soluble	Solid	DI Leach	

Analysis Batch: 35528

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-19596-1	CS-1 (5')	Soluble	Solid	300.0	35290
880-19596-2	CS-2 (5')	Soluble	Solid	300.0	35290
880-19596-3	CS-3 (5')	Soluble	Solid	300.0	35290
880-19596-4	CS-4 (5')	Soluble	Solid	300.0	35290
880-19596-5	CS-5 (5')	Soluble	Solid	300.0	35290
880-19596-6	CS-6 (5')	Soluble	Solid	300.0	35290
880-19596-7	CS-7 (5')	Soluble	Solid	300.0	35290
880-19596-8	CS-8 (5')	Soluble	Solid	300.0	35290
880-19596-9	CS-9 (5')	Soluble	Solid	300.0	35290
880-19596-10	CS-10 (5')	Soluble	Solid	300.0	35290
880-19596-11	CS-11 (5')	Soluble	Solid	300.0	35290
880-19596-12	CS-12 (5')	Soluble	Solid	300.0	35290
880-19596-13	CS-13 (5')	Soluble	Solid	300.0	35290
880-19596-14	CS-14 (5')	Soluble	Solid	300.0	35290
880-19596-15	CS-15 (5')	Soluble	Solid	300.0	35290
880-19596-16	CS-16 (5')	Soluble	Solid	300.0	35290
880-19596-17	CS-17 (5')	Soluble	Solid	300.0	35290
880-19596-18	CS-18 (5')	Soluble	Solid	300.0	35290
880-19596-19	CS-19 (5')	Soluble	Solid	300.0	35290
880-19596-20	CS-20 (5')	Soluble	Solid	300.0	35290
MB 880-35290/1-A	Method Blank	Soluble	Solid	300.0	35290
LCS 880-35290/2-A	Lab Control Sample	Soluble	Solid	300.0	35290
LCSD 880-35290/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	35290
880-19596-1 MS	CS-1 (5')	Soluble	Solid	300.0	35290
880-19596-1 MSD	CS-1 (5')	Soluble	Solid	300.0	35290
880-19596-11 MS	CS-11 (5')	Soluble	Solid	300.0	35290
880-19596-11 MSD	CS-11 (5')	Soluble	Solid	300.0	35290

Analysis Batch: 35530

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-19596-21	CS-21 (5')	Soluble	Solid	300.0	35291
880-19596-22	CS-22 (5')	Soluble	Solid	300.0	35291
880-19596-23	CS-23 (5')	Soluble	Solid	300.0	35291
880-19596-24	CS-24 (5')	Soluble	Solid	300.0	35291
880-19596-25	CS-25 (5')	Soluble	Solid	300.0	35291
880-19596-26	CS-26 (5')	Soluble	Solid	300.0	35291
880-19596-27	CS-27 (5')	Soluble	Solid	300.0	35291
880-19596-28	CS-28 (5')	Soluble	Solid	300.0	35291
880-19596-29	CS-29 (5')	Soluble	Solid	300.0	35291
880-19596-30	CS-30 (5')	Soluble	Solid	300.0	35291
880-19596-31	CS-31 (5')	Soluble	Solid	300.0	35291
880-19596-32	CS-32 (5')	Soluble	Solid	300.0	35291
880-19596-33	CS-33 (5')	Soluble	Solid	300.0	35291

QC Association Summary

Client: NT Global
Project/Site: Hamon State #001

Job ID: 880-19596-1
SDG: Lea Co, NM

HPLC/IC (Continued)

Analysis Batch: 35530 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-19596-34	CS-34 (5')	Soluble	Solid	300.0	35291
880-19596-35	CS-35 (5')	Soluble	Solid	300.0	35291
880-19596-36	CS-36 (5')	Soluble	Solid	300.0	35291
880-19596-37	CS-37 (5')	Soluble	Solid	300.0	35291
880-19596-38	CS-38 (6')	Soluble	Solid	300.0	35291
880-19596-39	CS-39 (6')	Soluble	Solid	300.0	35291
880-19596-40	CS-40 (6')	Soluble	Solid	300.0	35291
MB 880-35291/1-A	Method Blank	Soluble	Solid	300.0	35291
LCS 880-35291/2-A	Lab Control Sample	Soluble	Solid	300.0	35291
LCSD 880-35291/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	35291
880-19596-21 MS	CS-21 (5')	Soluble	Solid	300.0	35291
880-19596-21 MSD	CS-21 (5')	Soluble	Solid	300.0	35291
880-19596-31 MS	CS-31 (5')	Soluble	Solid	300.0	35291
880-19596-31 MSD	CS-31 (5')	Soluble	Solid	300.0	35291

Analysis Batch: 35531

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-19596-41	SW-1	Soluble	Solid	300.0	35292
880-19596-42	SW-2	Soluble	Solid	300.0	35292
880-19596-43	SW-3	Soluble	Solid	300.0	35292
880-19596-44	SW-4	Soluble	Solid	300.0	35292
880-19596-45	SW-5	Soluble	Solid	300.0	35292
880-19596-46	SW-6	Soluble	Solid	300.0	35292
880-19596-47	SW-7	Soluble	Solid	300.0	35292
880-19596-48	SW-8	Soluble	Solid	300.0	35292
880-19596-49	SW-9	Soluble	Solid	300.0	35292
880-19596-50	SW-10	Soluble	Solid	300.0	35292
880-19596-51	SW-11	Soluble	Solid	300.0	35292
880-19596-52	SW-12	Soluble	Solid	300.0	35292
880-19596-53	SW-13	Soluble	Solid	300.0	35292
880-19596-54	SW-14	Soluble	Solid	300.0	35292
880-19596-55	SW-15	Soluble	Solid	300.0	35292
880-19596-56	SW-16	Soluble	Solid	300.0	35292
880-19596-57	SW-17	Soluble	Solid	300.0	35292
880-19596-58	SW-18	Soluble	Solid	300.0	35292
880-19596-59	SW-19	Soluble	Solid	300.0	35292
MB 880-35292/1-A	Method Blank	Soluble	Solid	300.0	35292
LCS 880-35292/2-A	Lab Control Sample	Soluble	Solid	300.0	35292
LCSD 880-35292/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	35292
880-19596-41 MS	SW-1	Soluble	Solid	300.0	35292
880-19596-41 MSD	SW-1	Soluble	Solid	300.0	35292
880-19596-51 MS	SW-11	Soluble	Solid	300.0	35292
880-19596-51 MSD	SW-11	Soluble	Solid	300.0	35292

Lab Chronicle

Client: NT Global
Project/Site: Hamon State #001

Job ID: 880-19596-1
SDG: Lea Co, NM

Client Sample ID: CS-1 (5')
Date Collected: 09/23/22 00:00
Date Received: 09/23/22 14:22

Lab Sample ID: 880-19596-1
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	36081	10/04/22 16:34	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	36191	10/05/22 19:44	AJ	EET MID
Total/NA	Analysis	Total BTEX		1			36229	10/06/22 09:04	AJ	EET MID
Total/NA	Analysis	8015 NM		1			35579	09/28/22 09:33	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	35452	09/26/22 16:47	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	35462	09/27/22 12:24	SM	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	35290	09/23/22 15:32	KS	EET MID
Soluble	Analysis	300.0		1			35528	09/27/22 20:27	CH	EET MID

Client Sample ID: CS-2 (5')
Date Collected: 09/23/22 00:00
Date Received: 09/23/22 14:22

Lab Sample ID: 880-19596-2
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	36081	10/04/22 16:34	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	36191	10/05/22 20:10	AJ	EET MID
Total/NA	Analysis	Total BTEX		1			36229	10/06/22 09:04	AJ	EET MID
Total/NA	Analysis	8015 NM		1			35579	09/28/22 09:33	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	35452	09/26/22 16:47	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	35462	09/27/22 13:26	SM	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	35290	09/23/22 15:32	KS	EET MID
Soluble	Analysis	300.0		1			35528	09/27/22 20:46	CH	EET MID

Client Sample ID: CS-3 (5')
Date Collected: 09/23/22 00:00
Date Received: 09/23/22 14:22

Lab Sample ID: 880-19596-3
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	36081	10/04/22 16:34	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	36191	10/05/22 20:36	AJ	EET MID
Total/NA	Analysis	Total BTEX		1			36229	10/06/22 09:04	AJ	EET MID
Total/NA	Analysis	8015 NM		1			35579	09/28/22 09:33	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	35452	09/26/22 16:47	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	35462	09/27/22 13:47	SM	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	35290	09/23/22 15:32	KS	EET MID
Soluble	Analysis	300.0		1			35528	09/27/22 20:52	CH	EET MID

Client Sample ID: CS-4 (5')
Date Collected: 09/23/22 00:00
Date Received: 09/23/22 14:22

Lab Sample ID: 880-19596-4
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	36081	10/04/22 16:34	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	36191	10/05/22 21:02	AJ	EET MID
Total/NA	Analysis	Total BTEX		1			36229	10/06/22 09:04	AJ	EET MID

Eurofins Midland

Lab Chronicle

Client: NT Global
Project/Site: Hamon State #001

Job ID: 880-19596-1
SDG: Lea Co, NM

Client Sample ID: CS-4 (5')
Lab Sample ID: 880-19596-4
Date Collected: 09/23/22 00:00
Matrix: Solid
Date Received: 09/23/22 14:22

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			35579	09/28/22 09:33	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	35452	09/26/22 16:47	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	35462	09/27/22 14:08	SM	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	35290	09/23/22 15:32	KS	EET MID
Soluble	Analysis	300.0		1			35528	09/27/22 20:58	CH	EET MID

Client Sample ID: CS-5 (5')
Lab Sample ID: 880-19596-5
Date Collected: 09/23/22 00:00
Matrix: Solid
Date Received: 09/23/22 14:22

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	36081	10/04/22 16:34	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	36191	10/05/22 21:28	AJ	EET MID
Total/NA	Analysis	Total BTEX		1			36229	10/06/22 09:04	AJ	EET MID
Total/NA	Analysis	8015 NM		1			35579	09/28/22 09:33	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	35452	09/26/22 16:47	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	35462	09/27/22 14:29	SM	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	35290	09/23/22 15:32	KS	EET MID
Soluble	Analysis	300.0		1			35528	09/27/22 21:04	CH	EET MID

Client Sample ID: CS-6 (5')
Lab Sample ID: 880-19596-6
Date Collected: 09/23/22 00:00
Matrix: Solid
Date Received: 09/23/22 14:22

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	36081	10/04/22 16:34	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	36191	10/05/22 21:54	AJ	EET MID
Total/NA	Analysis	Total BTEX		1			36229	10/06/22 09:04	AJ	EET MID
Total/NA	Analysis	8015 NM		1			35579	09/28/22 09:33	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	35452	09/26/22 16:47	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	35462	09/27/22 14:49	SM	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	35290	09/23/22 15:32	KS	EET MID
Soluble	Analysis	300.0		1			35528	09/27/22 21:23	CH	EET MID

Client Sample ID: CS-7 (5')
Lab Sample ID: 880-19596-7
Date Collected: 09/23/22 00:00
Matrix: Solid
Date Received: 09/23/22 14:22

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	36081	10/04/22 16:34	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	36191	10/05/22 22:20	AJ	EET MID
Total/NA	Analysis	Total BTEX		1			36229	10/06/22 09:04	AJ	EET MID
Total/NA	Analysis	8015 NM		1			35579	09/28/22 09:33	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	35452	09/26/22 16:47	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	35462	09/27/22 15:10	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: NT Global
Project/Site: Hamon State #001

Job ID: 880-19596-1
SDG: Lea Co, NM

Client Sample ID: CS-7 (5')

Lab Sample ID: 880-19596-7
Matrix: Solid
Date Collected: 09/23/22 00:00
Date Received: 09/23/22 14:22

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.05 g	50 mL	35290	09/23/22 15:32	KS	EET MID
Soluble	Analysis	300.0		1			35528	09/27/22 21:29	CH	EET MID

Client Sample ID: CS-8 (5')

Lab Sample ID: 880-19596-8
Matrix: Solid
Date Collected: 09/23/22 00:00
Date Received: 09/23/22 14:22

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	36081	10/04/22 16:34	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	36191	10/05/22 22:46	AJ	EET MID
Total/NA	Analysis	Total BTEX		1			36229	10/06/22 09:04	AJ	EET MID
Total/NA	Analysis	8015 NM		1			35579	09/28/22 09:33	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	35452	09/26/22 16:47	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	35462	09/27/22 15:31	SM	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	35290	09/23/22 15:32	KS	EET MID
Soluble	Analysis	300.0		1			35528	09/27/22 21:36	CH	EET MID

Client Sample ID: CS-9 (5')

Lab Sample ID: 880-19596-9
Matrix: Solid
Date Collected: 09/23/22 00:00
Date Received: 09/23/22 14:22

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	36081	10/04/22 16:34	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	36191	10/05/22 23:12	AJ	EET MID
Total/NA	Analysis	Total BTEX		1			36229	10/06/22 09:04	AJ	EET MID
Total/NA	Analysis	8015 NM		1			35579	09/28/22 09:33	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	35452	09/26/22 16:47	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	35462	09/27/22 15:51	SM	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	35290	09/23/22 15:32	KS	EET MID
Soluble	Analysis	300.0		1			35528	09/27/22 21:42	CH	EET MID

Client Sample ID: CS-10 (5')

Lab Sample ID: 880-19596-10
Matrix: Solid
Date Collected: 09/23/22 00:00
Date Received: 09/23/22 14:22

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	36081	10/04/22 16:34	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	36191	10/05/22 23:38	AJ	EET MID
Total/NA	Analysis	Total BTEX		1			36229	10/06/22 09:04	AJ	EET MID
Total/NA	Analysis	8015 NM		1			35579	09/28/22 09:33	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	35452	09/26/22 16:47	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	35462	09/27/22 16:12	SM	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	35290	09/23/22 15:32	KS	EET MID
Soluble	Analysis	300.0		1			35528	09/27/22 21:48	CH	EET MID

Lab Chronicle

Client: NT Global
Project/Site: Hamon State #001

Job ID: 880-19596-1
SDG: Lea Co, NM

Client Sample ID: CS-11 (5')

Lab Sample ID: 880-19596-11
Matrix: Solid
Date Collected: 09/23/22 00:00
Date Received: 09/23/22 14:22

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	36081	10/04/22 16:34	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	36191	10/06/22 01:19	AJ	EET MID
Total/NA	Analysis	Total BTEX		1			36229	10/06/22 09:04	AJ	EET MID
Total/NA	Analysis	8015 NM		1			35579	09/28/22 09:33	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	35452	09/26/22 16:47	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	35462	09/27/22 16:52	SM	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	35290	09/23/22 15:32	KS	EET MID
Soluble	Analysis	300.0		1			35528	09/27/22 21:54	CH	EET MID

Client Sample ID: CS-12 (5')

Lab Sample ID: 880-19596-12
Matrix: Solid
Date Collected: 09/23/22 00:00
Date Received: 09/23/22 14:22

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	36081	10/04/22 16:34	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	36191	10/06/22 01:45	AJ	EET MID
Total/NA	Analysis	Total BTEX		1			36229	10/06/22 09:04	AJ	EET MID
Total/NA	Analysis	8015 NM		1			35579	09/28/22 09:33	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	35452	09/26/22 16:47	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	35462	09/27/22 17:13	SM	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	35290	09/23/22 15:32	KS	EET MID
Soluble	Analysis	300.0		1			35528	09/27/22 22:13	CH	EET MID

Client Sample ID: CS-13 (5')

Lab Sample ID: 880-19596-13
Matrix: Solid
Date Collected: 09/23/22 00:00
Date Received: 09/23/22 14:22

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	36081	10/04/22 16:34	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	36191	10/06/22 02:10	AJ	EET MID
Total/NA	Analysis	Total BTEX		1			36229	10/06/22 09:04	AJ	EET MID
Total/NA	Analysis	8015 NM		1			35579	09/28/22 09:33	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	35452	09/26/22 16:47	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	35462	09/27/22 17:34	SM	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	35290	09/23/22 15:32	KS	EET MID
Soluble	Analysis	300.0		1			35528	09/27/22 22:19	CH	EET MID

Client Sample ID: CS-14 (5')

Lab Sample ID: 880-19596-14
Matrix: Solid
Date Collected: 09/23/22 00:00
Date Received: 09/23/22 14:22

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	36081	10/04/22 16:34	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	36191	10/06/22 02:36	AJ	EET MID
Total/NA	Analysis	Total BTEX		1			36229	10/06/22 09:04	AJ	EET MID

Eurofins Midland

Lab Chronicle

Client: NT Global
Project/Site: Hamon State #001

Job ID: 880-19596-1
SDG: Lea Co, NM

Client Sample ID: CS-14 (5')

Lab Sample ID: 880-19596-14
Matrix: Solid
Date Collected: 09/23/22 00:00
Date Received: 09/23/22 14:22

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			35579	09/28/22 09:33	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	35452	09/26/22 16:47	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	35462	09/27/22 17:54	SM	EET MID
Soluble	Leach	DI Leach			5 g	50 mL	35290	09/23/22 15:32	KS	EET MID
Soluble	Analysis	300.0		1			35528	09/27/22 22:38	CH	EET MID

Client Sample ID: CS-15 (5')

Lab Sample ID: 880-19596-15
Matrix: Solid
Date Collected: 09/23/22 00:00
Date Received: 09/23/22 14:22

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	36081	10/04/22 16:34	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	36191	10/06/22 03:01	AJ	EET MID
Total/NA	Analysis	Total BTEX		1			36229	10/06/22 09:04	AJ	EET MID
Total/NA	Analysis	8015 NM		1			35579	09/28/22 09:33	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	35452	09/26/22 16:47	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	35462	09/27/22 18:14	SM	EET MID
Soluble	Leach	DI Leach			5 g	50 mL	35290	09/23/22 15:32	KS	EET MID
Soluble	Analysis	300.0		1			35528	09/27/22 22:44	CH	EET MID

Client Sample ID: CS-16 (5')

Lab Sample ID: 880-19596-16
Matrix: Solid
Date Collected: 09/23/22 00:00
Date Received: 09/23/22 14:22

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	36081	10/04/22 16:34	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	36191	10/06/22 03:27	AJ	EET MID
Total/NA	Analysis	Total BTEX		1			36229	10/06/22 09:04	AJ	EET MID
Total/NA	Analysis	8015 NM		1			35579	09/28/22 09:33	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	35452	09/26/22 16:47	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	35462	09/27/22 18:35	SM	EET MID
Soluble	Leach	DI Leach			5 g	50 mL	35290	09/23/22 15:32	KS	EET MID
Soluble	Analysis	300.0		1			35528	09/27/22 22:50	CH	EET MID

Client Sample ID: CS-17 (5')

Lab Sample ID: 880-19596-17
Matrix: Solid
Date Collected: 09/23/22 00:00
Date Received: 09/23/22 14:22

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	36081	10/04/22 16:34	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	36191	10/06/22 03:52	AJ	EET MID
Total/NA	Analysis	Total BTEX		1			36229	10/06/22 09:04	AJ	EET MID
Total/NA	Analysis	8015 NM		1			35579	09/28/22 09:33	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	35452	09/26/22 16:47	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	35462	09/27/22 18:56	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: NT Global
Project/Site: Hamon State #001

Job ID: 880-19596-1
SDG: Lea Co, NM

Client Sample ID: CS-17 (5')

Lab Sample ID: 880-19596-17
Matrix: Solid
Date Collected: 09/23/22 00:00
Date Received: 09/23/22 14:22

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			4.96 g	50 mL	35290	09/23/22 15:32	KS	EET MID
Soluble	Analysis	300.0		1			35528	09/27/22 22:57	CH	EET MID

Client Sample ID: CS-18 (5')

Lab Sample ID: 880-19596-18
Matrix: Solid
Date Collected: 09/23/22 00:00
Date Received: 09/23/22 14:22

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	36081	10/04/22 16:34	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	36191	10/06/22 04:18	AJ	EET MID
Total/NA	Analysis	Total BTEX		1			36229	10/06/22 09:04	AJ	EET MID
Total/NA	Analysis	8015 NM		1			35579	09/28/22 09:33	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	35452	09/26/22 16:47	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	35462	09/27/22 19:17	SM	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	35290	09/23/22 15:32	KS	EET MID
Soluble	Analysis	300.0		1			35528	09/27/22 23:03	CH	EET MID

Client Sample ID: CS-19 (5')

Lab Sample ID: 880-19596-19
Matrix: Solid
Date Collected: 09/23/22 00:00
Date Received: 09/23/22 14:22

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	36081	10/04/22 16:34	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	36191	10/06/22 04:43	AJ	EET MID
Total/NA	Analysis	Total BTEX		1			36229	10/06/22 09:04	AJ	EET MID
Total/NA	Analysis	8015 NM		1			35579	09/28/22 09:33	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	35452	09/26/22 16:47	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	35462	09/27/22 19:38	SM	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	35290	09/23/22 15:32	KS	EET MID
Soluble	Analysis	300.0		1			35528	09/27/22 23:09	CH	EET MID

Client Sample ID: CS-20 (5')

Lab Sample ID: 880-19596-20
Matrix: Solid
Date Collected: 09/23/22 00:00
Date Received: 09/23/22 14:22

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	36081	10/04/22 16:34	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	36191	10/06/22 05:09	AJ	EET MID
Total/NA	Analysis	Total BTEX		1			36229	10/06/22 09:04	AJ	EET MID
Total/NA	Analysis	8015 NM		1			35579	09/28/22 09:33	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	35452	09/26/22 16:47	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	35462	09/27/22 19:58	SM	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	35290	09/23/22 15:32	KS	EET MID
Soluble	Analysis	300.0		1			35528	09/27/22 23:15	CH	EET MID

Eurofins Midland

Lab Chronicle

Client: NT Global
Project/Site: Hamon State #001

Job ID: 880-19596-1
SDG: Lea Co, NM

Client Sample ID: CS-21 (5')

Lab Sample ID: 880-19596-21
Matrix: Solid
Date Collected: 09/23/22 00:00
Date Received: 09/23/22 14:22

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	36205	10/05/22 16:50	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	36228	10/07/22 08:32	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			36229	10/06/22 09:04	AJ	EET MID
Total/NA	Analysis	8015 NM		1			35579	09/28/22 09:33	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	35476	09/27/22 09:11	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	35544	09/28/22 10:28	SM	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	35291	09/23/22 15:34	KS	EET MID
Soluble	Analysis	300.0		1			35530	09/28/22 00:05	CH	EET MID

Client Sample ID: CS-22 (5')

Lab Sample ID: 880-19596-22
Matrix: Solid
Date Collected: 09/23/22 00:00
Date Received: 09/23/22 14:22

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	36082	10/04/22 16:37	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	36224	10/06/22 12:22	AJ	EET MID
Total/NA	Analysis	Total BTEX		1			36229	10/06/22 09:04	AJ	EET MID
Total/NA	Analysis	8015 NM		1			35579	09/28/22 09:33	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	35476	09/27/22 09:11	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	35544	09/28/22 11:32	SM	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	35291	09/23/22 15:34	KS	EET MID
Soluble	Analysis	300.0		1			35530	09/28/22 00:24	CH	EET MID

Client Sample ID: CS-23 (5')

Lab Sample ID: 880-19596-23
Matrix: Solid
Date Collected: 09/23/22 00:00
Date Received: 09/23/22 14:22

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	36082	10/04/22 16:37	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	36224	10/06/22 12:48	AJ	EET MID
Total/NA	Analysis	Total BTEX		1			36229	10/06/22 09:04	AJ	EET MID
Total/NA	Analysis	8015 NM		1			35579	09/28/22 09:33	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	35476	09/27/22 09:11	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	35544	09/28/22 11:54	SM	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	35291	09/23/22 15:34	KS	EET MID
Soluble	Analysis	300.0		1			35530	09/28/22 00:30	CH	EET MID

Client Sample ID: CS-24 (5')

Lab Sample ID: 880-19596-24
Matrix: Solid
Date Collected: 09/23/22 00:00
Date Received: 09/23/22 14:22

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	36082	10/04/22 16:37	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	36224	10/06/22 13:14	AJ	EET MID
Total/NA	Analysis	Total BTEX		1			36229	10/06/22 09:04	AJ	EET MID

Lab Chronicle

Client: NT Global
Project/Site: Hamon State #001

Job ID: 880-19596-1
SDG: Lea Co, NM

Client Sample ID: CS-24 (5')

Lab Sample ID: 880-19596-24
Date Collected: 09/23/22 00:00
Matrix: Solid
Date Received: 09/23/22 14:22

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			35579	09/28/22 09:33	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	35476	09/27/22 09:11	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	35544	09/28/22 12:16	SM	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	35291	09/23/22 15:34	KS	EET MID
Soluble	Analysis	300.0		1			35530	09/28/22 00:36	CH	EET MID

Client Sample ID: CS-25 (5')

Lab Sample ID: 880-19596-25
Date Collected: 09/23/22 00:00
Matrix: Solid
Date Received: 09/23/22 14:22

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	36082	10/04/22 16:37	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	36224	10/06/22 13:40	AJ	EET MID
Total/NA	Analysis	Total BTEX		1			36229	10/06/22 09:04	AJ	EET MID
Total/NA	Analysis	8015 NM		1			35579	09/28/22 09:33	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	35476	09/27/22 09:11	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	35544	09/28/22 12:38	SM	EET MID
Soluble	Leach	DI Leach			5 g	50 mL	35291	09/23/22 15:34	KS	EET MID
Soluble	Analysis	300.0		1			35530	09/28/22 00:42	CH	EET MID

Client Sample ID: CS-26 (5')

Lab Sample ID: 880-19596-26
Date Collected: 09/23/22 00:00
Matrix: Solid
Date Received: 09/23/22 14:22

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	36082	10/04/22 16:37	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	36224	10/06/22 14:06	AJ	EET MID
Total/NA	Analysis	Total BTEX		1			36229	10/06/22 09:04	AJ	EET MID
Total/NA	Analysis	8015 NM		1			35579	09/28/22 09:33	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	35476	09/27/22 09:11	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	35544	09/28/22 12:59	SM	EET MID
Soluble	Leach	DI Leach			5 g	50 mL	35291	09/23/22 15:34	KS	EET MID
Soluble	Analysis	300.0		1			35530	09/28/22 01:20	CH	EET MID

Client Sample ID: CS-27 (5')

Lab Sample ID: 880-19596-27
Date Collected: 09/23/22 00:00
Matrix: Solid
Date Received: 09/23/22 14:22

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	36082	10/04/22 16:37	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	36224	10/06/22 14:32	AJ	EET MID
Total/NA	Analysis	Total BTEX		1			36229	10/06/22 09:04	AJ	EET MID
Total/NA	Analysis	8015 NM		1			35579	09/28/22 09:33	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	35476	09/27/22 09:11	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	35544	09/28/22 13:21	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: NT Global
Project/Site: Hamon State #001

Job ID: 880-19596-1
SDG: Lea Co, NM

Client Sample ID: CS-27 (5')
Date Collected: 09/23/22 00:00
Date Received: 09/23/22 14:22

Lab Sample ID: 880-19596-27
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			4.97 g	50 mL	35291	09/23/22 15:34	KS	EET MID
Soluble	Analysis	300.0		1			35530	09/28/22 01:01	CH	EET MID

Client Sample ID: CS-28 (5')
Date Collected: 09/23/22 00:00
Date Received: 09/23/22 14:22

Lab Sample ID: 880-19596-28
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	36082	10/04/22 16:37	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	36224	10/06/22 14:58	AJ	EET MID
Total/NA	Analysis	Total BTEX		1			36229	10/06/22 09:04	AJ	EET MID
Total/NA	Analysis	8015 NM		1			35579	09/28/22 09:33	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	35476	09/27/22 09:11	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	35544	09/28/22 13:43	SM	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	35291	09/23/22 15:34	KS	EET MID
Soluble	Analysis	300.0		1			35530	09/28/22 01:07	CH	EET MID

Client Sample ID: CS-29 (5')
Date Collected: 09/23/22 00:00
Date Received: 09/23/22 14:22

Lab Sample ID: 880-19596-29
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.96 g	5 mL	36082	10/04/22 16:37	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	36224	10/06/22 15:24	AJ	EET MID
Total/NA	Analysis	Total BTEX		1			36229	10/06/22 09:04	AJ	EET MID
Total/NA	Analysis	8015 NM		1			35579	09/28/22 09:33	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	35476	09/27/22 09:11	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	35544	09/28/22 14:05	SM	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	35291	09/23/22 15:34	KS	EET MID
Soluble	Analysis	300.0		1			35530	09/28/22 01:13	CH	EET MID

Client Sample ID: CS-30 (5')
Date Collected: 09/23/22 00:00
Date Received: 09/23/22 14:22

Lab Sample ID: 880-19596-30
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	36082	10/04/22 16:37	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	36224	10/06/22 15:50	AJ	EET MID
Total/NA	Analysis	Total BTEX		1			36229	10/06/22 09:04	AJ	EET MID
Total/NA	Analysis	8015 NM		1			35579	09/28/22 09:33	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	35476	09/27/22 09:11	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	35544	09/28/22 14:26	SM	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	35291	09/23/22 15:34	KS	EET MID
Soluble	Analysis	300.0		1			35530	09/28/22 01:26	CH	EET MID

Lab Chronicle

Client: NT Global
Project/Site: Hamon State #001

Job ID: 880-19596-1
SDG: Lea Co, NM

Client Sample ID: CS-31 (5')

Lab Sample ID: 880-19596-31
Matrix: Solid
Date Collected: 09/23/22 00:00
Date Received: 09/23/22 14:22

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	36082	10/04/22 16:37	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	36224	10/06/22 17:33	AJ	EET MID
Total/NA	Analysis	Total BTEX		1			36229	10/06/22 09:04	AJ	EET MID
Total/NA	Analysis	8015 NM		1			35579	09/28/22 09:33	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	35476	09/27/22 09:11	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	35544	09/28/22 15:09	SM	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	35291	09/23/22 15:34	KS	EET MID
Soluble	Analysis	300.0		1			35530	09/28/22 01:32	CH	EET MID

Client Sample ID: CS-32 (5')

Lab Sample ID: 880-19596-32
Matrix: Solid
Date Collected: 09/23/22 00:00
Date Received: 09/23/22 14:22

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	36082	10/04/22 16:37	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	36224	10/06/22 17:59	AJ	EET MID
Total/NA	Analysis	Total BTEX		1			36229	10/06/22 09:04	AJ	EET MID
Total/NA	Analysis	8015 NM		1			35579	09/28/22 09:33	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	35476	09/27/22 09:11	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	35544	09/28/22 15:31	SM	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	35291	09/23/22 15:34	KS	EET MID
Soluble	Analysis	300.0		1			35530	09/28/22 01:51	CH	EET MID

Client Sample ID: CS-33 (5')

Lab Sample ID: 880-19596-33
Matrix: Solid
Date Collected: 09/23/22 00:00
Date Received: 09/23/22 14:22

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	36082	10/04/22 16:37	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	36224	10/06/22 18:25	AJ	EET MID
Total/NA	Analysis	Total BTEX		1			36229	10/06/22 09:04	AJ	EET MID
Total/NA	Analysis	8015 NM		1			35579	09/28/22 09:33	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	35476	09/27/22 09:11	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	35544	09/28/22 15:53	SM	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	35291	09/23/22 15:34	KS	EET MID
Soluble	Analysis	300.0		1			35530	09/28/22 01:57	CH	EET MID

Client Sample ID: CS-34 (5')

Lab Sample ID: 880-19596-34
Matrix: Solid
Date Collected: 09/23/22 00:00
Date Received: 09/23/22 14:22

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	36082	10/04/22 16:37	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	36224	10/06/22 18:51	AJ	EET MID
Total/NA	Analysis	Total BTEX		1			36229	10/06/22 09:04	AJ	EET MID

Eurofins Midland

Lab Chronicle

Client: NT Global
Project/Site: Hamon State #001

Job ID: 880-19596-1
SDG: Lea Co, NM

Client Sample ID: CS-34 (5')

Lab Sample ID: 880-19596-34
Date Collected: 09/23/22 00:00
Matrix: Solid
Date Received: 09/23/22 14:22

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			35579	09/28/22 09:33	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	35476	09/27/22 09:11	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	35544	09/28/22 16:14	SM	EET MID
Soluble	Leach	DI Leach			5 g	50 mL	35291	09/23/22 15:34	KS	EET MID
Soluble	Analysis	300.0		1			35530	09/28/22 02:16	CH	EET MID

Client Sample ID: CS-35 (5')

Lab Sample ID: 880-19596-35
Date Collected: 09/23/22 00:00
Matrix: Solid
Date Received: 09/23/22 14:22

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	36082	10/04/22 16:37	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	36224	10/06/22 19:17	AJ	EET MID
Total/NA	Analysis	Total BTEX		1			36229	10/06/22 09:04	AJ	EET MID
Total/NA	Analysis	8015 NM		1			35579	09/28/22 09:33	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	35476	09/27/22 09:11	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	35544	09/28/22 16:36	SM	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	35291	09/23/22 15:34	KS	EET MID
Soluble	Analysis	300.0		1			35530	09/28/22 02:22	CH	EET MID

Client Sample ID: CS-36 (5')

Lab Sample ID: 880-19596-36
Date Collected: 09/23/22 00:00
Matrix: Solid
Date Received: 09/23/22 14:22

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	36082	10/04/22 16:37	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	36224	10/06/22 19:43	AJ	EET MID
Total/NA	Analysis	Total BTEX		1			36229	10/06/22 09:04	AJ	EET MID
Total/NA	Analysis	8015 NM		1			35579	09/28/22 09:33	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	35476	09/27/22 09:11	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	35544	09/28/22 16:58	SM	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	35291	09/23/22 15:34	KS	EET MID
Soluble	Analysis	300.0		1			35530	09/28/22 02:28	CH	EET MID

Client Sample ID: CS-37 (5')

Lab Sample ID: 880-19596-37
Date Collected: 09/23/22 00:00
Matrix: Solid
Date Received: 09/23/22 14:22

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	36082	10/04/22 16:37	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	36224	10/06/22 20:09	AJ	EET MID
Total/NA	Analysis	Total BTEX		1			36229	10/06/22 09:04	AJ	EET MID
Total/NA	Analysis	8015 NM		1			35579	09/28/22 09:33	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	35476	09/27/22 09:11	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	35544	09/28/22 17:20	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: NT Global
Project/Site: Hamon State #001

Job ID: 880-19596-1
SDG: Lea Co, NM

Client Sample ID: CS-37 (5')
Date Collected: 09/23/22 00:00
Date Received: 09/23/22 14:22

Lab Sample ID: 880-19596-37
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.02 g	50 mL	35291	09/23/22 15:34	KS	EET MID
Soluble	Analysis	300.0		1			35530	09/28/22 02:34	CH	EET MID

Client Sample ID: CS-38 (6')
Date Collected: 09/23/22 00:00
Date Received: 09/23/22 14:22

Lab Sample ID: 880-19596-38
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	36082	10/04/22 16:37	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	36224	10/06/22 20:36	AJ	EET MID
Total/NA	Analysis	Total BTEX		1			36229	10/06/22 09:04	AJ	EET MID
Total/NA	Analysis	8015 NM		1			35579	09/28/22 09:33	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	35476	09/27/22 09:11	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	35544	09/28/22 17:41	SM	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	35291	09/23/22 15:34	KS	EET MID
Soluble	Analysis	300.0		1			35530	09/28/22 02:40	CH	EET MID

Client Sample ID: CS-39 (6')
Date Collected: 09/23/22 00:00
Date Received: 09/23/22 14:22

Lab Sample ID: 880-19596-39
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	36082	10/04/22 16:37	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	36224	10/06/22 21:02	AJ	EET MID
Total/NA	Analysis	Total BTEX		1			36229	10/06/22 09:04	AJ	EET MID
Total/NA	Analysis	8015 NM		1			35579	09/28/22 09:33	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	35476	09/27/22 09:11	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	35544	09/28/22 18:03	SM	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	35291	09/23/22 15:34	KS	EET MID
Soluble	Analysis	300.0		1			35530	09/28/22 02:47	CH	EET MID

Client Sample ID: CS-40 (6')
Date Collected: 09/23/22 00:00
Date Received: 09/23/22 14:22

Lab Sample ID: 880-19596-40
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	36082	10/04/22 16:37	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	36224	10/06/22 21:28	AJ	EET MID
Total/NA	Analysis	Total BTEX		1			36229	10/06/22 09:04	AJ	EET MID
Total/NA	Analysis	8015 NM		1			35579	09/28/22 09:33	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	35476	09/27/22 09:11	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	35544	09/28/22 18:25	SM	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	35291	09/23/22 15:34	KS	EET MID
Soluble	Analysis	300.0		1			35530	09/28/22 02:53	CH	EET MID

Lab Chronicle

Client: NT Global
Project/Site: Hamon State #001

Job ID: 880-19596-1
SDG: Lea Co, NM

Client Sample ID: SW-1
Date Collected: 09/23/22 00:00
Date Received: 09/23/22 14:22

Lab Sample ID: 880-19596-41
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	36083	10/04/22 16:39	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	36326	10/07/22 12:13	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			36229	10/06/22 09:04	AJ	EET MID
Total/NA	Analysis	8015 NM		1			35579	09/28/22 09:33	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	35478	09/27/22 09:14	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	35546	09/28/22 10:28	SM	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	35292	09/23/22 15:36	KS	EET MID
Soluble	Analysis	300.0		1			35531	09/28/22 03:42	CH	EET MID

Client Sample ID: SW-2
Date Collected: 09/23/22 00:00
Date Received: 09/23/22 14:22

Lab Sample ID: 880-19596-42
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	36083	10/04/22 16:39	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	36326	10/07/22 12:39	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			36229	10/06/22 09:04	AJ	EET MID
Total/NA	Analysis	8015 NM		1			35579	09/28/22 09:33	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	35478	09/27/22 09:14	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	35546	09/28/22 11:32	SM	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	35292	09/23/22 15:36	KS	EET MID
Soluble	Analysis	300.0		1			35531	09/28/22 04:01	CH	EET MID

Client Sample ID: SW-3
Date Collected: 09/23/22 00:00
Date Received: 09/23/22 14:22

Lab Sample ID: 880-19596-43
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	36083	10/04/22 16:39	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	36326	10/07/22 13:05	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			36229	10/06/22 09:04	AJ	EET MID
Total/NA	Analysis	8015 NM		1			35579	09/28/22 09:33	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	35478	09/27/22 09:14	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	35546	09/28/22 11:54	SM	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	35292	09/23/22 15:36	KS	EET MID
Soluble	Analysis	300.0		1			35531	09/28/22 04:07	CH	EET MID

Client Sample ID: SW-4
Date Collected: 09/23/22 00:00
Date Received: 09/23/22 14:22

Lab Sample ID: 880-19596-44
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	36083	10/04/22 16:39	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	36326	10/07/22 13:31	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			36229	10/06/22 09:04	AJ	EET MID

Lab Chronicle

Client: NT Global
Project/Site: Hamon State #001

Job ID: 880-19596-1
SDG: Lea Co, NM

Client Sample ID: SW-4
Date Collected: 09/23/22 00:00
Date Received: 09/23/22 14:22

Lab Sample ID: 880-19596-44
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			35579	09/28/22 09:33	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	35478	09/27/22 09:14	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	35546	09/28/22 12:16	SM	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	35292	09/23/22 15:36	KS	EET MID
Soluble	Analysis	300.0		1			35531	09/28/22 04:13	CH	EET MID

Client Sample ID: SW-5
Date Collected: 09/23/22 00:00
Date Received: 09/23/22 14:22

Lab Sample ID: 880-19596-45
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	36083	10/04/22 16:39	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	36326	10/07/22 13:57	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			36229	10/06/22 09:04	AJ	EET MID
Total/NA	Analysis	8015 NM		1			35579	09/28/22 09:33	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	35478	09/27/22 09:14	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	35546	09/28/22 12:38	SM	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	35292	09/23/22 15:36	KS	EET MID
Soluble	Analysis	300.0		1			35531	09/28/22 04:20	CH	EET MID

Client Sample ID: SW-6
Date Collected: 09/23/22 00:00
Date Received: 09/23/22 14:22

Lab Sample ID: 880-19596-46
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	36083	10/04/22 16:39	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	36326	10/07/22 14:23	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			36229	10/06/22 09:04	AJ	EET MID
Total/NA	Analysis	8015 NM		1			35579	09/28/22 09:33	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	35478	09/27/22 09:14	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	35546	09/28/22 12:59	SM	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	35292	09/23/22 15:36	KS	EET MID
Soluble	Analysis	300.0		1			35531	09/28/22 04:38	CH	EET MID

Client Sample ID: SW-7
Date Collected: 09/23/22 00:00
Date Received: 09/23/22 14:22

Lab Sample ID: 880-19596-47
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	36083	10/04/22 16:39	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	36326	10/07/22 14:49	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			36229	10/06/22 09:04	AJ	EET MID
Total/NA	Analysis	8015 NM		1			35579	09/28/22 09:33	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	35478	09/27/22 09:14	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	35546	09/28/22 13:21	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: NT Global
Project/Site: Hamon State #001

Job ID: 880-19596-1
SDG: Lea Co, NM

Client Sample ID: SW-7

Lab Sample ID: 880-19596-47
Matrix: Solid
Date Collected: 09/23/22 00:00
Date Received: 09/23/22 14:22

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			4.97 g	50 mL	35292	09/23/22 15:36	KS	EET MID
Soluble	Analysis	300.0		1			35531	09/28/22 04:45	CH	EET MID

Client Sample ID: SW-8

Lab Sample ID: 880-19596-48
Matrix: Solid
Date Collected: 09/23/22 00:00
Date Received: 09/23/22 14:22

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	36083	10/04/22 16:39	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	36326	10/07/22 15:15	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			36229	10/06/22 09:04	AJ	EET MID
Total/NA	Analysis	8015 NM		1			35579	09/28/22 09:33	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	35478	09/27/22 09:14	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	35546	09/28/22 13:43	SM	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	35292	09/23/22 15:36	KS	EET MID
Soluble	Analysis	300.0		1			35531	09/28/22 04:51	CH	EET MID

Client Sample ID: SW-9

Lab Sample ID: 880-19596-49
Matrix: Solid
Date Collected: 09/23/22 00:00
Date Received: 09/23/22 14:22

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	36083	10/04/22 16:39	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	36326	10/07/22 15:41	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			36229	10/06/22 09:04	AJ	EET MID
Total/NA	Analysis	8015 NM		1			35579	09/28/22 09:33	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	35478	09/27/22 09:14	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	35546	09/28/22 14:05	SM	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	35292	09/23/22 15:36	KS	EET MID
Soluble	Analysis	300.0		1			35531	09/28/22 04:57	CH	EET MID

Client Sample ID: SW-10

Lab Sample ID: 880-19596-50
Matrix: Solid
Date Collected: 09/23/22 00:00
Date Received: 09/23/22 14:22

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	36083	10/04/22 16:39	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	36326	10/07/22 16:07	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			36229	10/06/22 09:04	AJ	EET MID
Total/NA	Analysis	8015 NM		1			35579	09/28/22 09:33	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	35478	09/27/22 09:14	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	35546	09/28/22 14:26	SM	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	35292	09/23/22 15:36	KS	EET MID
Soluble	Analysis	300.0		1			35531	09/28/22 05:03	CH	EET MID

Lab Chronicle

Client: NT Global
Project/Site: Hamon State #001

Job ID: 880-19596-1
SDG: Lea Co, NM

Client Sample ID: SW-11
Date Collected: 09/23/22 00:00
Date Received: 09/23/22 14:22

Lab Sample ID: 880-19596-51
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	36083	10/04/22 16:39	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	36326	10/07/22 17:55	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			36229	10/06/22 09:04	AJ	EET MID
Total/NA	Analysis	8015 NM		1			35579	09/28/22 09:33	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	35478	09/27/22 09:14	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	35546	09/28/22 15:09	SM	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	35292	09/23/22 15:36	KS	EET MID
Soluble	Analysis	300.0		1			35531	09/28/22 05:09	CH	EET MID

Client Sample ID: SW-12
Date Collected: 09/23/22 00:00
Date Received: 09/23/22 14:22

Lab Sample ID: 880-19596-52
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	36083	10/04/22 16:39	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	36326	10/07/22 18:21	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			36229	10/06/22 09:04	AJ	EET MID
Total/NA	Analysis	8015 NM		1			35579	09/28/22 09:33	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	35478	09/27/22 09:14	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	35546	09/28/22 15:31	SM	EET MID
Soluble	Leach	DI Leach			5 g	50 mL	35292	09/23/22 15:36	KS	EET MID
Soluble	Analysis	300.0		1			35531	09/28/22 05:28	CH	EET MID

Client Sample ID: SW-13
Date Collected: 09/23/22 00:00
Date Received: 09/23/22 14:22

Lab Sample ID: 880-19596-53
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	36083	10/04/22 16:39	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	36326	10/07/22 18:47	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			36229	10/06/22 09:04	AJ	EET MID
Total/NA	Analysis	8015 NM		1			35579	09/28/22 09:33	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	35478	09/27/22 09:14	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	35546	09/28/22 15:53	SM	EET MID
Soluble	Leach	DI Leach			5 g	50 mL	35292	09/23/22 15:36	KS	EET MID
Soluble	Analysis	300.0		1			35531	09/28/22 05:34	CH	EET MID

Client Sample ID: SW-14
Date Collected: 09/23/22 00:00
Date Received: 09/23/22 14:22

Lab Sample ID: 880-19596-54
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	36083	10/04/22 16:39	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	36326	10/07/22 19:13	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			36229	10/06/22 09:04	AJ	EET MID

Lab Chronicle

Client: NT Global
Project/Site: Hamon State #001

Job ID: 880-19596-1
SDG: Lea Co, NM

Client Sample ID: SW-14
Date Collected: 09/23/22 00:00
Date Received: 09/23/22 14:22

Lab Sample ID: 880-19596-54
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			35579	09/28/22 09:33	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	35478	09/27/22 09:14	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	35546	09/28/22 16:14	SM	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	35292	09/23/22 15:36	KS	EET MID
Soluble	Analysis	300.0		1			35531	09/28/22 05:53	CH	EET MID

Client Sample ID: SW-15
Date Collected: 09/23/22 00:00
Date Received: 09/23/22 14:22

Lab Sample ID: 880-19596-55
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	36083	10/04/22 16:39	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	36326	10/07/22 19:39	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			36229	10/06/22 09:04	AJ	EET MID
Total/NA	Analysis	8015 NM		1			35579	09/28/22 09:33	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	35478	09/27/22 09:14	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	35546	09/28/22 16:36	SM	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	35292	09/23/22 15:36	KS	EET MID
Soluble	Analysis	300.0		1			35531	09/28/22 05:59	CH	EET MID

Client Sample ID: SW-16
Date Collected: 09/23/22 00:00
Date Received: 09/23/22 14:22

Lab Sample ID: 880-19596-56
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	36083	10/04/22 16:39	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	36326	10/07/22 20:05	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			36229	10/06/22 09:04	AJ	EET MID
Total/NA	Analysis	8015 NM		1			35579	09/28/22 09:33	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	35478	09/27/22 09:14	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	35546	09/28/22 16:58	SM	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	35292	09/23/22 15:36	KS	EET MID
Soluble	Analysis	300.0		1			35531	09/28/22 06:05	CH	EET MID

Client Sample ID: SW-17
Date Collected: 09/23/22 00:00
Date Received: 09/23/22 14:22

Lab Sample ID: 880-19596-57
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	36083	10/04/22 16:39	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	36326	10/07/22 20:31	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			36229	10/06/22 09:04	AJ	EET MID
Total/NA	Analysis	8015 NM		1			35579	09/28/22 09:33	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	35478	09/27/22 09:14	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	35546	09/28/22 17:20	SM	EET MID

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Lab Chronicle

Client: NT Global
Project/Site: Hamon State #001

Job ID: 880-19596-1
SDG: Lea Co, NM

Client Sample ID: SW-17

Date Collected: 09/23/22 00:00
Date Received: 09/23/22 14:22

Lab Sample ID: 880-19596-57

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			4.96 g	50 mL	35292	09/23/22 15:36	KS	EET MID
Soluble	Analysis	300.0		1			35531	09/28/22 06:11	CH	EET MID

Client Sample ID: SW-18

Date Collected: 09/23/22 00:00
Date Received: 09/23/22 14:22

Lab Sample ID: 880-19596-58

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	36083	10/04/22 16:39	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	36326	10/07/22 20:57	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			36229	10/06/22 09:04	AJ	EET MID
Total/NA	Analysis	8015 NM		1			35579	09/28/22 09:33	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	35478	09/27/22 09:14	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	35546	09/28/22 17:41	SM	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	35292	09/23/22 15:36	KS	EET MID
Soluble	Analysis	300.0		1			35531	09/28/22 06:18	CH	EET MID

Client Sample ID: SW-19

Date Collected: 09/23/22 00:00
Date Received: 09/23/22 14:22

Lab Sample ID: 880-19596-59

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	36083	10/04/22 16:39	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	36326	10/07/22 21:23	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			36229	10/06/22 09:04	AJ	EET MID
Total/NA	Analysis	8015 NM		1			35579	09/28/22 09:33	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	35478	09/27/22 09:14	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	35546	09/28/22 18:03	SM	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	35292	09/23/22 15:36	KS	EET MID
Soluble	Analysis	300.0		1			35531	09/28/22 06:24	CH	EET MID

Laboratory References:

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

Accreditation/Certification Summary

Client: NT Global
Project/Site: Hamon State #001

Job ID: 880-19596-1
SDG: Lea Co, NM

Laboratory: Eurofins Midland

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

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

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

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

Method Summary

Client: NT Global
Project/Site: Hamon State #001

Job ID: 880-19596-1
SDG: Lea Co, NM

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

Protocol References:

ASTM = ASTM International

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

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

TAL SOP = TestAmerica Laboratories, Standard Operating Procedure

Laboratory References:

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

Sample Summary

Client: NT Global
Project/Site: Hamon State #001

Job ID: 880-19596-1
SDG: Lea Co, NM

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
880-19596-1	CS-1 (5')	Solid	09/23/22 00:00	09/23/22 14:22
880-19596-2	CS-2 (5')	Solid	09/23/22 00:00	09/23/22 14:22
880-19596-3	CS-3 (5')	Solid	09/23/22 00:00	09/23/22 14:22
880-19596-4	CS-4 (5')	Solid	09/23/22 00:00	09/23/22 14:22
880-19596-5	CS-5 (5')	Solid	09/23/22 00:00	09/23/22 14:22
880-19596-6	CS-6 (5')	Solid	09/23/22 00:00	09/23/22 14:22
880-19596-7	CS-7 (5')	Solid	09/23/22 00:00	09/23/22 14:22
880-19596-8	CS-8 (5')	Solid	09/23/22 00:00	09/23/22 14:22
880-19596-9	CS-9 (5')	Solid	09/23/22 00:00	09/23/22 14:22
880-19596-10	CS-10 (5')	Solid	09/23/22 00:00	09/23/22 14:22
880-19596-11	CS-11 (5')	Solid	09/23/22 00:00	09/23/22 14:22
880-19596-12	CS-12 (5')	Solid	09/23/22 00:00	09/23/22 14:22
880-19596-13	CS-13 (5')	Solid	09/23/22 00:00	09/23/22 14:22
880-19596-14	CS-14 (5')	Solid	09/23/22 00:00	09/23/22 14:22
880-19596-15	CS-15 (5')	Solid	09/23/22 00:00	09/23/22 14:22
880-19596-16	CS-16 (5')	Solid	09/23/22 00:00	09/23/22 14:22
880-19596-17	CS-17 (5')	Solid	09/23/22 00:00	09/23/22 14:22
880-19596-18	CS-18 (5')	Solid	09/23/22 00:00	09/23/22 14:22
880-19596-19	CS-19 (5')	Solid	09/23/22 00:00	09/23/22 14:22
880-19596-20	CS-20 (5')	Solid	09/23/22 00:00	09/23/22 14:22
880-19596-21	CS-21 (5')	Solid	09/23/22 00:00	09/23/22 14:22
880-19596-22	CS-22 (5')	Solid	09/23/22 00:00	09/23/22 14:22
880-19596-23	CS-23 (5')	Solid	09/23/22 00:00	09/23/22 14:22
880-19596-24	CS-24 (5')	Solid	09/23/22 00:00	09/23/22 14:22
880-19596-25	CS-25 (5')	Solid	09/23/22 00:00	09/23/22 14:22
880-19596-26	CS-26 (5')	Solid	09/23/22 00:00	09/23/22 14:22
880-19596-27	CS-27 (5')	Solid	09/23/22 00:00	09/23/22 14:22
880-19596-28	CS-28 (5')	Solid	09/23/22 00:00	09/23/22 14:22
880-19596-29	CS-29 (5')	Solid	09/23/22 00:00	09/23/22 14:22
880-19596-30	CS-30 (5')	Solid	09/23/22 00:00	09/23/22 14:22
880-19596-31	CS-31 (5')	Solid	09/23/22 00:00	09/23/22 14:22
880-19596-32	CS-32 (5')	Solid	09/23/22 00:00	09/23/22 14:22
880-19596-33	CS-33 (5')	Solid	09/23/22 00:00	09/23/22 14:22
880-19596-34	CS-34 (5')	Solid	09/23/22 00:00	09/23/22 14:22
880-19596-35	CS-35 (5')	Solid	09/23/22 00:00	09/23/22 14:22
880-19596-36	CS-36 (5')	Solid	09/23/22 00:00	09/23/22 14:22
880-19596-37	CS-37 (5')	Solid	09/23/22 00:00	09/23/22 14:22
880-19596-38	CS-38 (6')	Solid	09/23/22 00:00	09/23/22 14:22
880-19596-39	CS-39 (6')	Solid	09/23/22 00:00	09/23/22 14:22
880-19596-40	CS-40 (6')	Solid	09/23/22 00:00	09/23/22 14:22
880-19596-41	SW-1	Solid	09/23/22 00:00	09/23/22 14:22
880-19596-42	SW-2	Solid	09/23/22 00:00	09/23/22 14:22
880-19596-43	SW-3	Solid	09/23/22 00:00	09/23/22 14:22
880-19596-44	SW-4	Solid	09/23/22 00:00	09/23/22 14:22
880-19596-45	SW-5	Solid	09/23/22 00:00	09/23/22 14:22
880-19596-46	SW-6	Solid	09/23/22 00:00	09/23/22 14:22
880-19596-47	SW-7	Solid	09/23/22 00:00	09/23/22 14:22
880-19596-48	SW-8	Solid	09/23/22 00:00	09/23/22 14:22
880-19596-49	SW-9	Solid	09/23/22 00:00	09/23/22 14:22
880-19596-50	SW-10	Solid	09/23/22 00:00	09/23/22 14:22
880-19596-51	SW-11	Solid	09/23/22 00:00	09/23/22 14:22
880-19596-52	SW-12	Solid	09/23/22 00:00	09/23/22 14:22
880-19596-53	SW-13	Solid	09/23/22 00:00	09/23/22 14:22
880-19596-54	SW-14	Solid	09/23/22 00:00	09/23/22 14:22

Sample Summary

Client: NT Global
Project/Site: Hamon State #001

Job ID: 880-19596-1
SDG: Lea Co, NM

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
880-19596-55	SW-15	Solid	09/23/22 00:00	09/23/22 14:22
880-19596-56	SW-16	Solid	09/23/22 00:00	09/23/22 14:22
880-19596-57	SW-17	Solid	09/23/22 00:00	09/23/22 14:22
880-19596-58	SW-18	Solid	09/23/22 00:00	09/23/22 14:22
880-19596-59	SW-19	Solid	09/23/22 00:00	09/23/22 14:22

Chain of Custody

NTG ENVIRONMENTAL

Work Order No: 19596

Page 1 of 6

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:	281-882-8656	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:	Hamon State #001	Turn Around	
Project Number:	214798	☑ Routine ☐ Rush	
Project Location	Lea Co, NM	Due Date	Standard
Sampler's Name:	AG	TAT starts the day received by the lab if received by 4 30pm	
PO #:			

SAMPLE RECEIPT			
Temp Blank:	Yes No	Wet Ice	Yes No
Received Intact:	Yes No	Thermometer ID:	IR8
Cooler Custody Seals:	Yes No N/A	Correction Factor:	-.20
Sample Custody Seals:	Yes No N/A	Temperature Reading:	1.4
Total Containers:		Corrected Temperature:	1.6

Preservative Codes

None NO; DI Water H_2O; Cool Cool; MeOH Me; HCL. HC; HNO_3. HN; H_2S0_4 H_2; NaOH Na; H_3PO_4. HP; $NaHSO_4$ NABIS; $Na_2S_2O_3$. $NaSO_3$; Zn Acetate+NaOH Zn; NaOH+Ascorbic Acid SAPC

Sample Identification	Date	Time	Soil	Water	Grab/ Comp	# of Cont	Pres. Code	BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 300 0	HOLD	Sample Comments
CS-1 (5')	9/23/2022	-	X	-	C	1		X	X	X		
CS-2 (5')	9/23/2022	-	X	-	C	1		X	X	X		
CS-3 (5')	9/23/2022	-	X	-	C	1		X	X	X		
CS-4 (5')	9/23/2022	-	X	-	C	1		X	X	X		
CS-5 (5')	9/23/2022	-	X	-	C	1		X	X	X		
CS-6 (5')	9/23/2022	-	X	-	C	1		X	X	X		
CS-7 (5')	9/23/2022	-	X	-	C	1		X	X	X		
CS-8 (5')	9/23/2022	-	X	-	C	1		X	X	X		
CS-9 (5')	9/23/2022	-	X	-	C	1		X	X	X		
CS-10 (5')	9/23/2022	-	X	-	C	1		X	X	X		

880-19596 Chain of Custody

Additoinal Comments:

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

Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
Nick Hart	Alex Tf		2		
3			4		9/23/22
5			6		1422

Revised Date 05012020 Rev 2020 1

NTG ENVIRONMENTAL

Chain of Custody

Work Order No: 19596

Page 2 of 6

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:	281-882-8656	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:	Hamon State #001	Turn Around	
Project Number	214798	☑ Routine	☐ Rush
Project Location	Lea Co, NM	Due Date:	Standard
Sampler's Name:	AG	TAT starts the day received by the lab if received by 4:30pm	
PO #:			

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

ANALYSIS REQUEST

Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont	BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 300.0	HOLD	Sample Comments
CS-11 (5')	9/23/2022	-	X	-	C	1	X	X	X		
CS-12 (5')	9/23/2022	-	X	-	C	1	X	X	X		
CS-13 (5')	9/23/2022	-	X	-	C	1	X	X	X		
CS-14 (5')	9/23/2022	-	X	-	C	1	X	X	X		
CS-15 (5')	9/23/2022	-	X	-	C	1	X	X	X		
CS-16 (5')	9/23/2022	-	X	-	C	1	X	X	X		
CS-17 (5')	9/23/2022	-	X	-	C	1	X	X	X		
CS-18 (5')	9/23/2022	-	X	-	C	1	X	X	X		
CS-19 (5')	9/23/2022	-	X	-	C	1	X	X	X		
CS-20 (5')	9/23/2022	-	X	-	C	1	X	X	X		

Preservative Codes

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

Additoinal Comments:

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

Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
Nick Hart	Alex [signature]		2 Alex [signature]	[signature]	9/23/22 1422
3			4		
5			6		

Revised Date 05012020 Rev. 2020.1

10/7/2022

Chain of Custody

NTG ENVIRONMENTAL

Work Order No: 19596

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:	281-882-8656 Email	Gbanks@ntglobal com	

Work Order Comments

Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ uperfund ☐

State of Project:

Reporting Level II ☐ Level III ☐ PST/UST ☐ TRRP ☐ Level IV ☐

Deliverables EDD ☐ ADaPT ☐ Other

Project Name	Hamon State #001	Turn Around		Pres. Code	
Project Number	214798	☑ Routine	☐ Rush		
Project Location	Lea Co, NM	Due Date	Standard		
Sampler's Name:	AG	TAT starts the day received by the lab if received by 4 30pm			
PO #:					

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	BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 300 0	HOLD
CS-21 (5')	9/23/2022	-	X	-	C	1	X	X	X	
CS-22 (5')	9/23/2022	-	X	-	C	1	X	X	X	
CS-23 (5')	9/23/2022	-	X	-	C	1	X	X	X	
CS-24 (5')	9/23/2022	-	X	-	C	1	X	X	X	
CS-25 (5')	9/23/2022	-	X	-	C	1	X	X	X	
CS-26 (5')	9/23/2022	-	X	-	C	1	X	X	X	
CS-27 (5')	9/23/2022	-	X	-	C	1	X	X	X	
CS-28 (5')	9/23/2022	-	X	-	C	1	X	X	X	
CS-29 (5')	9/23/2022	-	X	-	C	1	X	X	X	
CS-30 (5')	9/23/2022	-	X	-	C	1	X	X	X	

Preservative Codes

None NO DI Water H_2O

Cool Cool MeOH Me

HCL HC HNO_3. HN

H_2S0_4 H_2 NaOH Na

H_3PO_4 HP

$NaHSO_4$ NABIS

$Na_2S_2O_3$. $NaSO_3$

Zn Acetate+NaOH Zn

NaOH+Ascorbic Acid SAPC

Sample Comments

Additoinal Comments:

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Relinquished by. (Signature)	Received by (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
Nick Hart	Alex		2 Alex		9/23/22
3			4		1422
5			6		

Revised Date 05012020 Rev 2020 1

Chain of Custody

NTG ENVIRONMENTAL

Work Order No: 19596

Page 4 of 6

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:	281-882-8656	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:	Hamon State #001	Turn Around		Pres. Code	
Project Number:	214798	☑ Routine	☐ Rush		
Project Location	Lea Co, NM	Due Date	Standard		
Sampler's Name:	AG	TAT starts the day received by the lab if received by 4 30pm			
PO #:					

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.	

Preservative Codes

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

Sample Identification	Date	Time	Soil	Water	Grab/ Comp	# of Cont	BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 300 0	HOLD	Sample Comments
CS-31 (5')	9/23/2022	-	X	-	C	1	X	X	X		
CS-32 (5')	9/23/2022	-	X	-	C	1	X	X	X		
CS-33 (5')	9/23/2022	-	X	-	C	1	X	X	X		
CS-34 (5')	9/23/2022	-	X	-	C	1	X	X	X		
CS-35 (5')	9/23/2022	-	X	-	C	1	X	X	X		
CS-36 (5')	9/23/2022	-	X	-	C	1	X	X	X		
CS-37 (5')	9/23/2022	-	X	-	C	1	X	X	X		
CS-38 (6')	9/23/2022	-	X	-	C	1	X	X	X		
CS-39 (6')	9/23/2022	-	X	-	C	1	X	X	X		
CS-40 (6')	9/23/2022	-	X	-	C	1	X	X	X		

Additoinal Comments:

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

Relinquished by: (Signature)	Received by (Signature)	Date/Time	Relinquished by (Signature)	Received by: (Signature)	Date/Time
Nick Hart	Alex		2 Alex		9/23/22
3			4		1422
5			6		

Revised Date 05012020 Rev 2020 1

Chain of Custody

NTG ENVIRONMENTAL

Work Order No: 19596

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.	281-882-8656	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:	Hamon State #001	Turn Around		Pres. Code	
Project Number	214798	☑ Routine	☐ Rush		
Project Location	Lea Co, NM	Due Date.	Standard	Parameters	
Sampler's Name	AG	TAT starts the day received by the lab if received by 4 30pm			
PO #:					
SAMPLE RECEIPT	Temp Blank. Yes No	Wet Ice.	Yes No		
Received Intact:	Yes No	Thermometer ID			
Cooler Custody Seals:	Yes No N/A	Correction Factor			
Sample Custody Seals.	Yes No N/A	Temperature Reading			
Total Containers.		Corrected Temperature:			

ANALYSIS REQUEST

Preservative Codes

None NO — DI Water H_2O

Cool Cool — MeOH Me

HCL HC — HNO_3 HN

H_2S0_4 H_2 — NaOH Na

H_3PO_4 HP

$NaHSO_4$ NABIS

$Na_2S_2O_3$. $NaSO_3$

Zn Acetate+NaOH Zn

NaOH+Ascorbic Acid SAPC

Sample Identification	Date	Time	Soil	Water	Grab/ Comp	# of Cont	BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 300 0	HOLD	Sample Comments
SW-1	9/23/2022	-	X	-	C	1	X	X	X		
SW-2	9/23/2022	-	X	-	C	1	X	X	X		
SW-3	9/23/2022	-	X	-	C	1	X	X	X		
SW-4	9/23/2022	-	X	-	C	1	X	X	X		
SW-5	9/23/2022	-	X	-	C	1	X	X	X		
SW-6	9/23/2022	-	X	-	C	1	X	X	X		
SW-7	9/23/2022	-	X	-	C	1	X	X	X		
SW-8	9/23/2022	-	X	-	C	1	X	X	X		
SW-9	9/23/2022	-	X	-	C	1	X	X	X		
SW-10	9/23/2022	-	X	-	C	1	X	X	X		

Additoinal Comments:

Relinquished by (Signature)	Received by (Signature)	Date/Time	Relinquished by (Signature)	Received by (Signature)	Date/Time
Nick Hart			2		9/23/22
3			4		1422
5			6		

Chain of Custody

NTG ENVIRONMENTAL

Work Order No: 19596

Page 6 of 6

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:	281-882-8656	Email:	Gbanks@ntglobal com

Work Order Comments

Program. UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ uperfund ☐

State of Project:

Reporting Level II ☐ Level III ☐ PST/UST ☐ TRRP ☐ Level IV ☐

Deliverables EDD ☐ ADaPT ☐ Other

Project Name	Hamon State #001	Turn Around		Pres. Code	
Project Number	214798	☑ Routine	☐ Rush		
Project Location	Lea Co, NM	Due Date	Standard		
Sampler's Name	AG	TAT starts the day received by the lab if received by 4 30pm			
PO #:					

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	BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 300 0	HOLD
SW-11	9/23/2022	-	X	-	C	1	X	X	X	
SW-12	9/23/2022	-	X	-	C	1	X	X	X	
SW-13	9/23/2022	-	X	-	C	1	X	X	X	
SW-14	9/23/2022	-	X	-	C	1	X	X	X	
SW-15	9/23/2022	-	X	-	C	1	X	X	X	
SW-16	9/23/2022	-	X	-	C	1	X	X	X	
SW-17	9/23/2022	-	X	-	C	1	X	X	X	
SW-18	9/23/2022	-	X	-	C	1	X	X	X	
SW-19	9/23/2022	-	X	-	C	1	X	X	X	

Preservative Codes

None NO — DI Water H_2O

Cool Cool — MeOH Me

HCL HC — HNO_3 HN

H_2S0_4 H_2 — NaOH Na

H_3PO_4. HP

$NaHSO_4$ NABIS

$Na_2S_2O_3$ $NaSO_3$

Zn Acetate+NaOH Zn

NaOH+Ascorbic Acid SAPC

Sample Comments

Loc: 880 19596

Additoinal Comments:

Relinquished by (Signature)	Received by (Signature)	Date/Time	Relinquished by (Signature)	Received by (Signature)	Date/Time
Nick Hart	Alex		2 Alex		9/23/22
3			4		1422
5			6		

Revised Date 05012020 Rev 2020 1

10/7/2022

Login Sample Receipt Checklist

Client: NT Global

Job Number: 880-19596-1
SDG Number: Lea Co, NM

Login Number: 19596
List Number: 1
Creator: Rodriguez, Leticia

List Source: Eurofins Midland

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

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

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

CONDITIONS

Action 160560

CONDITIONS

Operator: Catena Resources Operating, LLC 1001 Fannin Street Houston, TX 77002	OGRID: 328449
	Action Number: 160560
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
jnobui	Closure Report Approved.	12/16/2022