

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

State of New Mexico
Energy Minerals and Natural
Resources Department

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

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

Incident ID	nAPP2236358312
District RP	
Facility ID	
Application ID	

Release Notification

Responsible Party

Responsible Party Permian Resources Corp.	OGRID
Contact Name Montgomery Floyd	Contact Telephone 432-425-8321
Contact email Montgomery.floyd@permianres.com	Incident # (assigned by OCD)
Contact mailing address 300 N. Marienfeld Suite 10000, Midland, Tx 79701	

Location of Release Source

Latitude 32.189067 Longitude -103.453983
(NAD 83 in decimal degrees to 5 decimal places)

Site Name Sheba Federal 305 CTB	Site Type Production Facility
Date Release Discovered 12/17/22	API# (if applicable)

Unit Letter	Section	Township	Range	County
G	27	24S	34E	Lea

Surface Owner: ☐ State ☐ Federal ☐ Tribal ☒ Private (Name: Quail Ranch)

Nature and Volume of Release

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

☐ Crude Oil	Volume Released (bbls)	Volume Recovered (bbls)
☒ Produced Water	Volume Released (bbls) 10	Volume Recovered (bbls) 7
	Is the concentration of dissolved chloride in the produced water >10,000 mg/l?	☒ Yes ☐ No
☐ Condensate	Volume Released (bbls)	Volume Recovered (bbls)
☐ Natural Gas	Volume Released (Mcf)	Volume Recovered (Mcf)
☐ Other (describe)	Volume/Weight Released (provide units)	Volume/Weight Recovered (provide units)

Cause of Release Tank Pit/Frac Tank overflowed

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Was this a major release as defined by 19.15.29.7(A) NMAC? ☐ Yes ☒ No	If YES, for what reason(s) does the responsible party consider this a major release?
If YES, was immediate notice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)?	

Initial Response

The responsible party must undertake the following actions immediately unless they could create a safety hazard that would result in injury

☒ The source of the release has been stopped.	
☒ The impacted area has been secured to protect human health and the environment.	
☒ Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices.	
☒ All free liquids and recoverable materials have been removed and managed appropriately.	
If all the actions described above have <u>not</u> been undertaken, explain why:	
Per 19.15.29.8 B. (4) NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please attach a narrative of actions to date. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see 19.15.29.11(A)(5)(a) NMAC), please attach all information needed for closure evaluation.	
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.	
Printed Name: <u>Montgomery Floyd</u>	Title: <u>Environmental Manager</u>
Signature: _____	Date: _____
email: <u>Montgomery.Floyd@permianres.com</u>	Telephone: <u>432-425-8321</u>
<u>OCD Only</u>	
Received by: <u>Jocelyn Harimon</u>	Date: <u>05/17/2023</u>

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Site Assessment/Characterization

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

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

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

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

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

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

State of New Mexico
Oil Conservation Division

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Incident ID	nAPP2236358312
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Printed Name: Montgomery Floyd Title: Environmental Manager

Signature: _____ Date: _____

email: Montgomery.Floyd@permianres.com Telephone: (432) 425-8321

OCD Only

Received by: Jocelyn Harimon Date: 05/17/2023

State of New Mexico
Oil Conservation Division

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Closure

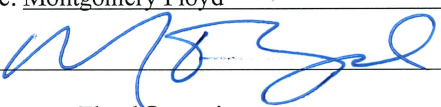
The responsible party must attach information demonstrating they have complied with all applicable closure requirements and any conditions or directives of the OCD. This demonstration should be in the form of a comprehensive report (electronic submittals in .pdf format are preferred) including a scaled 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: Montgomery Floyd Title: Environmental Manager

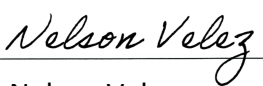
Signature:  Date: 5-15-23

email: Montgomery.Floyd@permianres.com Telephone: (432) 425-8321

OCD Only

Received by: Jocelyn Harimon Date: 05/17/2023

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: 08/04/2023

Printed Name: Nelson Velez Title: Environmental Specialist – Adv



701 Tradewinds Blvd
Midland, Texas 79707
Tel. 432-766-1918
www.ntgenvironmental.com

May 12, 2023

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

**Re: Site Remediation and Closure Report
Sheba Federal 305 Battery
Permian Resources Corp.
Site Location: Unit G, S27, T24S, R34E
(Lat 32.189067 °, Long -103.453983 °)
Lea County, New Mexico
Incident #: nAPP2236358312**

1. Introduction

On behalf of Permian Resources Corporation (Permian), New Tech Global Environmental, LLC (NTGE) has prepared this closure report to document site assessment and remedial action activities at the Sheba Federal 305 Battery (Site). The site is located in Unit Letter G, Section 27, of Township 24 South and Range 30 East in Lea County, New Mexico. The GPS coordinates for the release site are 32.189067° N and -103.453983 W. The release occurred on land privately owned by Quail Ranch. Figures 1 and 2 depict the site location. Site details are depicted on Figure 3.

2. Background

Permian submitted an initial New Mexico Oil Conservation Division (NMOCD) Notification of Release (NOR) on December 29, 2022. According to the NOR, the release was caused by an overflow of a frac tank. Approximately ten (10) barrels (bbls) of produced water was released, with approximately three (3) bbls recovered, for a net loss of seven (7) bbls of produced water.

The release falls under the jurisdiction of the NMOCD District 2 Office in Artesia, New Mexico. The Release Notification, Site Assessment/Characterization, and Closure portions of form C-141 for incident number nAPP2236358312 are attached to the front of this report.

3. Site Characterization

Based on a review of the New Mexico Office of State Engineers and USGS databases, there are no known water sources within a half mile radius of the Site. No other receptors (playas, wetlands, waterways, lakebeds, or ordinance boundaries) were located within each specific boundary or distance from the Site. According to the Karst map the site is located within a low Karst area. The Site characterization documentation (Points of Diversion, Karst Potential, Significant Watercourse Map, Wetlands Map, and FEMA Map)

Mr. Mike Bratcher
May 12, 2023
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are provided in Attachment A.

NTGE characterized the Site according to Table I, Closure Criteria for Soils Impacted by a Release, from New Mexico Administrative Code (NMAC) Title 19, Chapter 15, Part 29, Section 12 (NMAC 19.15.29.12).

Table 3.1 Closure Criteria for Soils Impacted by a Release (NMAC 19.15.29.12)

Regulatory Standard	Chloride	TPH (GRO+DRO+MRO)	TPH (GRO+DRO)	BTEX	Benzene
19.15.29.12 closure criteria for impacted by a release	600 mg/kg	100 mg/kg	---	50 mg/kg	10 mg/kg
Notes: --- = not defined					

4. Excavation Activities, Confirmation Sampling, and Extension Request

After initial excavation activities by Ameripex, NTGE performed a confirmation sampling event, whereby seventeen (16) bottom hole composite samples (C-1 through C-16) and four (4) sidewall composite samples (SW-1 through SW-4) were collected and submitted to Eurofins in Carlsbad, New Mexico for analysis of benzene, toluene, ethylbenzene, total xylenes (BTEX) by EPA Method 8021B, total petroleum hydrocarbons (TPH) by EPA Method 8015M, and chlorides by EPA method 300.0. All samples exhibited TPH, benzene, BTEX, and chloride concentrations below the Table I Closure Criteria.

Upon review of sample locations, it was determined that two (2) additional sidewall samples were needed. On March 9, 2023, NTGE conducted another site visit and collected SW-5 and SW-6. The samples were submitted for laboratory analysis. Analytical results indicated all samples exhibited TPH, benzene, BTEX, and chloride concentrations below the Table I Closure Criteria.

Confirmation samples were collected from areas representing no more than two hundred (200) square feet. Figure 3, Confirmation Sample Map depicts the locations of the confirmation samples. Analytical results are provided on Table 1, Summary of Soil Analytical Data – Confirmation Samples, and in the Laboratory Analytical Reports provided in Appendix E. A photographic log is included in Attachment B. Confirmation Sampling Notifications are provided in Attachment C.

On March 13, 2023, NTGE on behalf of Permian submitted an email requesting an extension for the project remediation activities. The extension was granted on March 14, 2023, by the NMOCD for an additional 60 days. See Attachment D for extension request and approval.

Mr. Mike Bratcher
May 12, 2023
Page 3 of 5

5. Soils Disposition and Backfill Activities

Between March 2 and 3, 2023, approximately 480 cubic yards of impacted material was transported offsite for disposal at Owl Landfill Services, LLC in Lea County, New Mexico. Manifests are available upon request and are not included in this report due to the size of the file. Upon completion of the excavation, the site was backfilled with like-sourced material and brought back up to surface grade.

6. Closure Request

Site characterization and remediation activities for this incident number have been performed in accordance with applicable NMOCD guidance and regulations. The Release Notification, Site Assessment/Characterization, and Closure portions of Form C-141 are attached to the front of the report. Based upon the supporting documentation provided in this report, NTGE, on behalf of Permian, respectfully requests closure with no further regulatory actions for nAPP2236358312.

If you have any questions or comments concerning this Site Remediation and Closure Report, please do not hesitate to contact us at (432) 766-1918.

Sincerely,

NTG Environmental

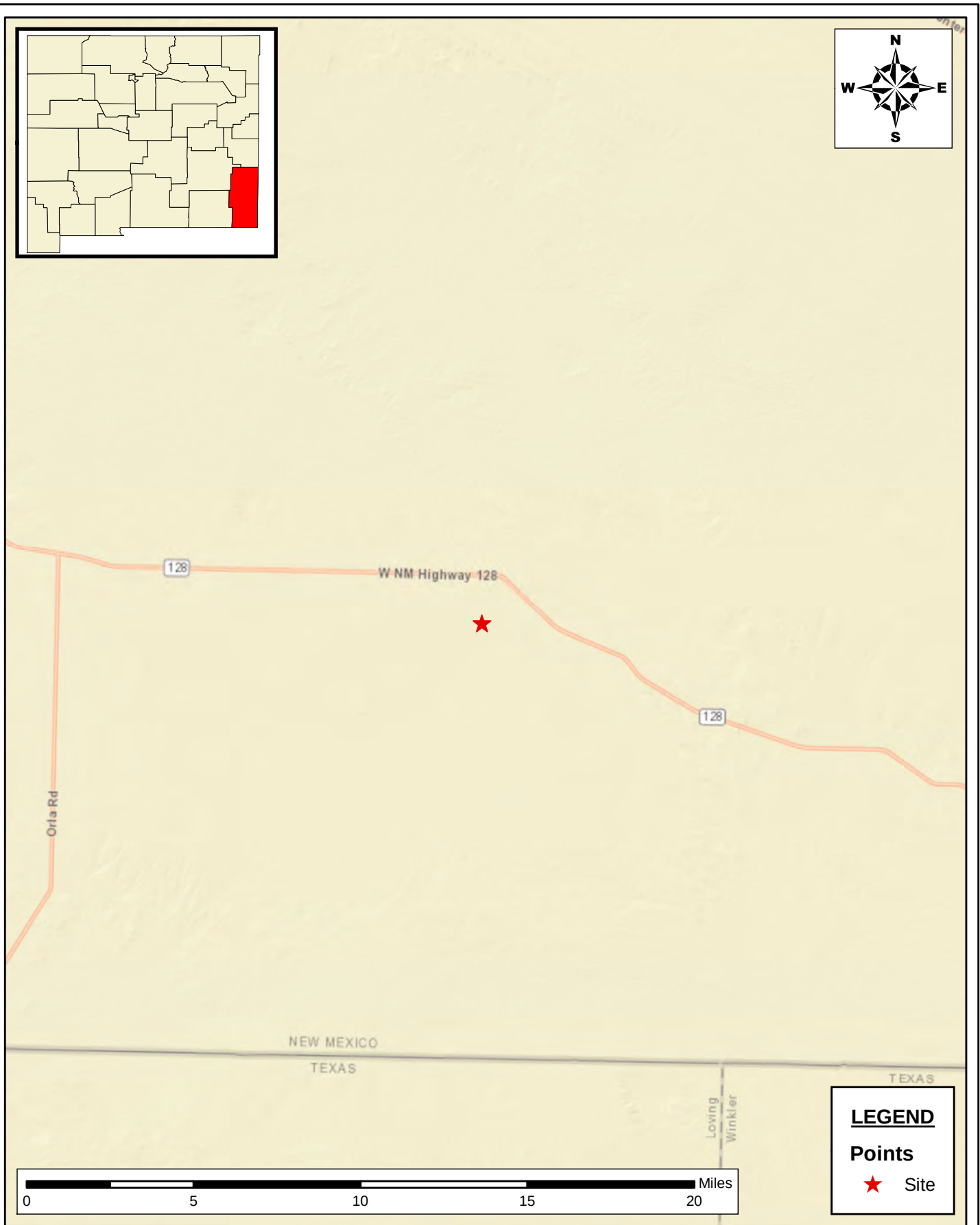


Rebecca Haskell
Senior Project Manager

Encl. Figure 1 – Area Location Map
Figure 2 – Topographic Map
Figure 3 – Confirmation Soil Sample Map
Table – Summary of Soil Analytical Data – Confirmation Assessment Samples
Attachment A – Site Characterization Documentation
Attachment B – Photographic Log
Attachment C – Confirmation Sampling Notifications
Attachment D – Extension Request and Approval Email
Attachment E – Laboratory Analytical Reports

FIGURES

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Area Location Map
Permian Resources
58077 Sheba Federal Com 305H
Lea County, New Mexico
32.189067°, -103.453983°

SCALE: As Shown

DATE: 2/22/2023

PROJECT #: 236969



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

NOTES:

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

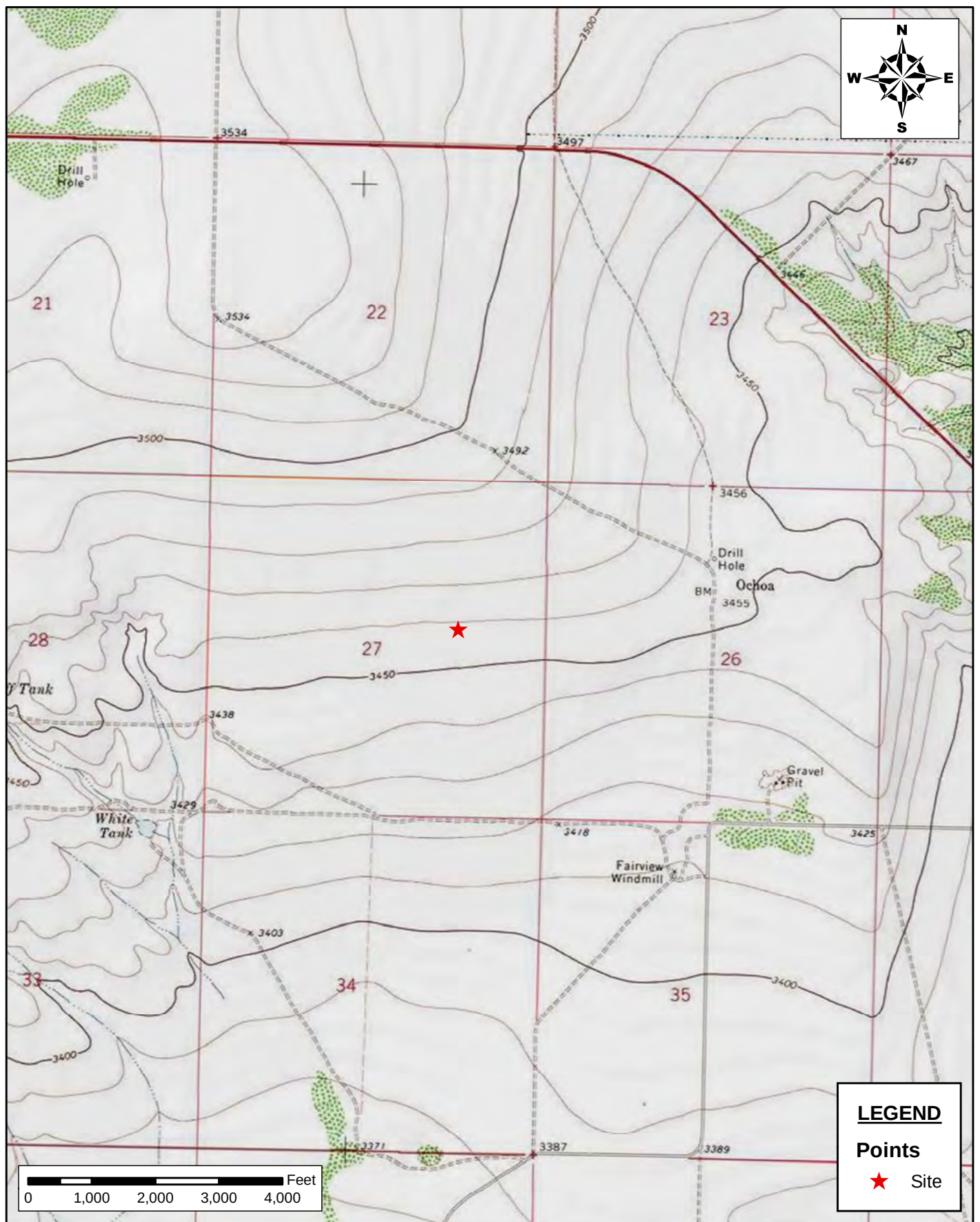
DRAWING NUMBER:

FIGURE 1

SHEET NUMBER:

1 of 1

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Topographic Map
 Permian Resources
 58077 Sheba Federal Com 305H
 Lea County, New Mexico
 32.189067°, -103.453983°

SCALE: As Shown DATE: 2/22/2023 PROJECT #: 236969



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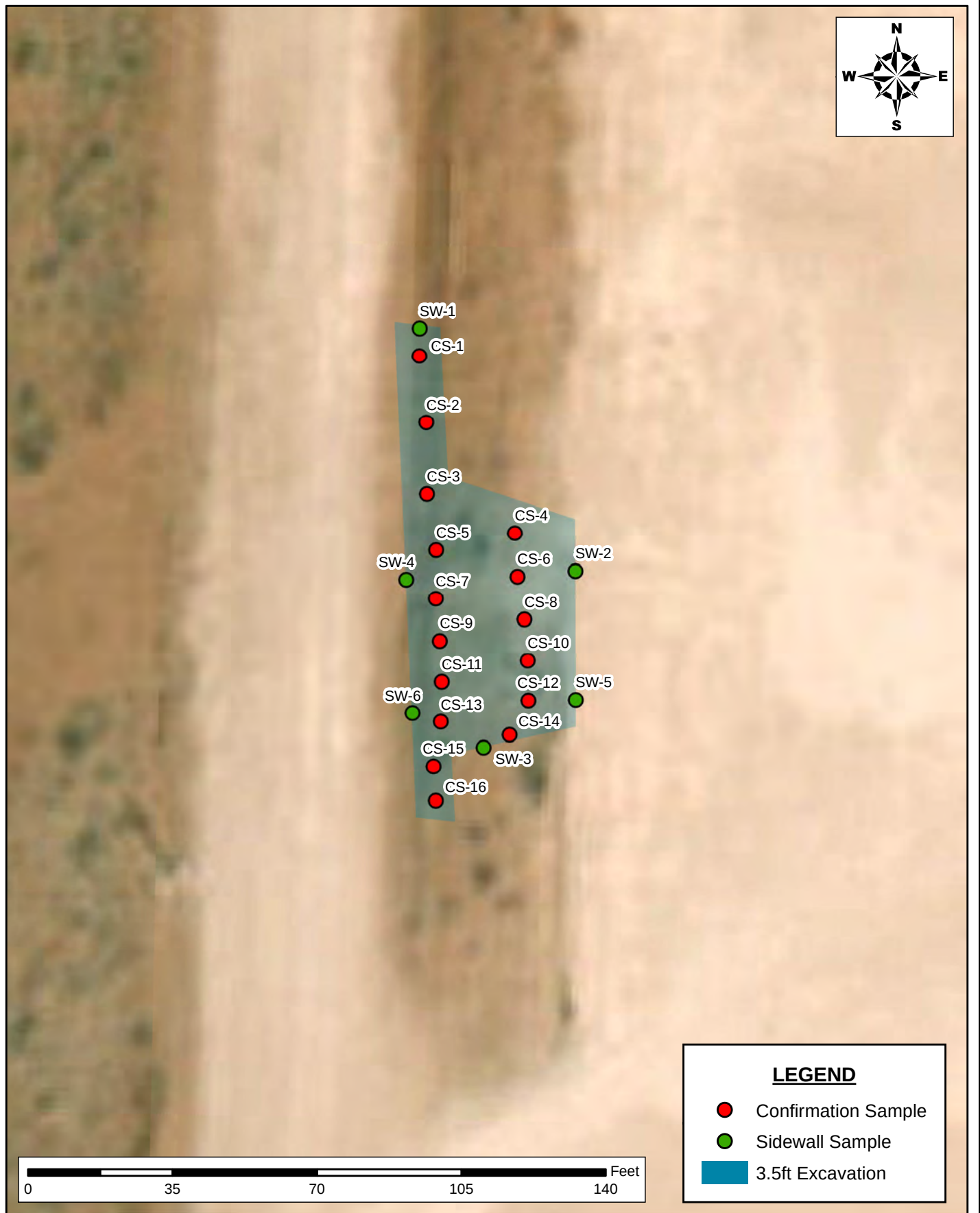
DRAWING NUMBER:

FIGURE 1

SHEET NUMBER:

1 of 1

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Confirmation Sample Map
 Permian Resources
 58077 Sheba Federal Com 305H
 Lea County, New Mexico
 32.189067°, -103.453983°

SCALE: As Shown DATE: 2/22/2023 PROJECT #: 236969



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DRAWING NUMBER:

FIGURE 3

SHEET NUMBER:

1 of 1

TABLE

Table 1
Summary of Soil Analytical Data - Confirmation Samples
Sheba Federal Com 305H
Permian Resources
Lea Co, NM

Sample ID	Sample Date	Depth (ft bgs)	Benzene	Toluene	Ethylbenzene	Xylenes	Total BTEX	TPH					Chloride
								GRO (C6-C-10)	DRO (C10-C28)	GRO + DRO (C6-C28)	MRO (C28-C35)	Total GRO/DRO/MRO (C6-C35)	
			(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	
			Table I Closure Criteria for Soil ≤ 50 feet Depth to Groundwater 19.15.29 NMAC										
10 mg/kg	---	---	---	50 mg/kg	---	---	---	---	100 mg/kg	600 mg/kg			
Bottom Hole Confirmation Samples													
CS-1	02/22/23	3.5'	<0.00202	<0.00202	<0.00202	<0.00403	<0.00403	<49.9	<49.9	<49.9	<49.9	<49.9	24.4
CS-2	02/22/23	3.5'	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<49.9	<49.9	<49.9	<49.9	<49.9	26.2
CS-3	02/22/23	3.5'	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	<49.9	<49.9	<49.9	<49.9	<49.9	27.1
CS-4	02/22/23	3.5'	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	<50.0	<50.0	<50.0	<50.0	<50.0	277
CS-5	02/22/23	3.5'	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	<49.9	<49.9	<49.9	<49.9	<49.9	271
CS-6	02/22/23	3.5'	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	<50.0	<50.0	<50.0	<50.0	<50.0	82.8
CS-7	02/22/23	3.5'	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<49.9	<49.9	<49.9	<49.9	<49.9	63.6
CS-8	02/22/23	3.5'	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<49.9	<49.9	<49.9	<49.9	<49.9	76
CS-9	02/22/23	3.5'	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	<50.0	<50.0	<50.0	<50.0	<50.0	134
CS-10	02/22/23	3.5'	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	<49.9	<49.9	<49.9	<49.9	<49.9	107
CS-11	02/22/23	3.5'	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	<49.9	<49.9	<49.9	<49.9	<49.9	140
CS-12	02/22/23	3.5'	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<50.0	<50.0	<50.0	<50.0	<50.0	7.04
CS-13	02/22/23	3.5'	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<49.9	<49.9	<49.9	<49.9	<49.9	244
CS-14	02/22/23	3.5'	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	<49.9	<49.9	<49.9	<49.9	<49.9	260
CS-15	02/22/23	3.5'	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	<50.0	<50.0	<50.0	<50.0	<50.0	204
CS-16	02/22/23	3.5'	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	<49.9	<49.9	<49.9	<49.9	<49.9	8.8
Sidewall Confirmation Samples													
SW-1	02/22/23	0-3.5'	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	<49.9	<49.9	<49.9	<49.9	<49.9	43.3
SW-2	02/22/23	0-3.5'	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	<49.9	<49.9	<49.9	<49.9	<49.9	235
SW-3	02/22/23	0-3.5'	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<50.0	<50.0	<50.0	<50.0	<50.0	31.4
SW-4	02/22/23	0-3.5'	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<50.0	<50.0	<50.0	<50.0	<50.0	274
SW-5	03/09/23	0-3.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	192
SW-6	03/09/23	0-3.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	288

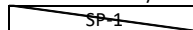
Notes:

1. Values reported in mg/kg

2. < = Value Less Than Reporting Limit (RL)

3. Bold indicates Analyte Detected

4. BTEX analyses by EPA Method SW 8021B

 Sample Point Excavated

5. TPH analyses by EPA Method SW 8015 Mod.

6. GRO/DRO/MRO - Gasoline/Diesel/Motor Oil

7. Yellow shaded cells indicate analytical samples that exceed the NMAC 19.15.29.12 Table I Closure Criteria for the site.

8. Peach shaded cells indicate analytical samples that exceed the NMAC 19.15.29.13 Table I Closure Criteria for the site (Surface to 4 Feet Below Grade).

9. --- Not Analyzed

ATTACHMENT A: SITE CHARACTERIZATION DOCUMENTATION

Site Characterization



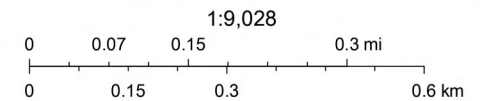
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OSE PODs ● Changed Location of Well ● Unknown □ PLSS First Division

● Active ● Capped Karst Occurrence Potential

● Inactive ● Plugged □ Low

● Pending □ PLSS Second Division



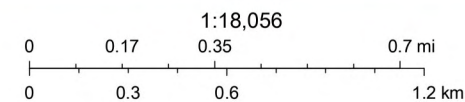
BLM, OCD, New Mexico Tech, OSE GIS, USGS, Esri, HERE, Garmin, iPC, Maxar, NM OSE, BLM

OSE POD Locations Map



2/10/2023, 12:59:30 PM

- | | | | |
|-----------------|-------------------------|------------------------------|----------------|
| GIS WATERS PODs | OSE District Boundary | New Mexico State Trust Lands | Stream River |
| ● Active | Water Right Regulations | Both Estates | SiteBoundaries |
| ● Pending | Closure Area | NHD Flowlines | |
| ● | | Artificial Path | |



Esri, HERE, IPC, U.S. Department of Energy Office of Legacy Management, Esri, HERE, Garmin, IPC, Maxar

Web Generated Map
Map is generated by web users.

Sheba Federal 305 Battery

Karst Potential Map

Legend

 High

 Low

 Medium

 Sheba Federal 305 Battery

 Sheba Federal 305 Battery

Google Earth

Image © 2023 CNES / Airbus

Image © 2023 Maxar Technologies



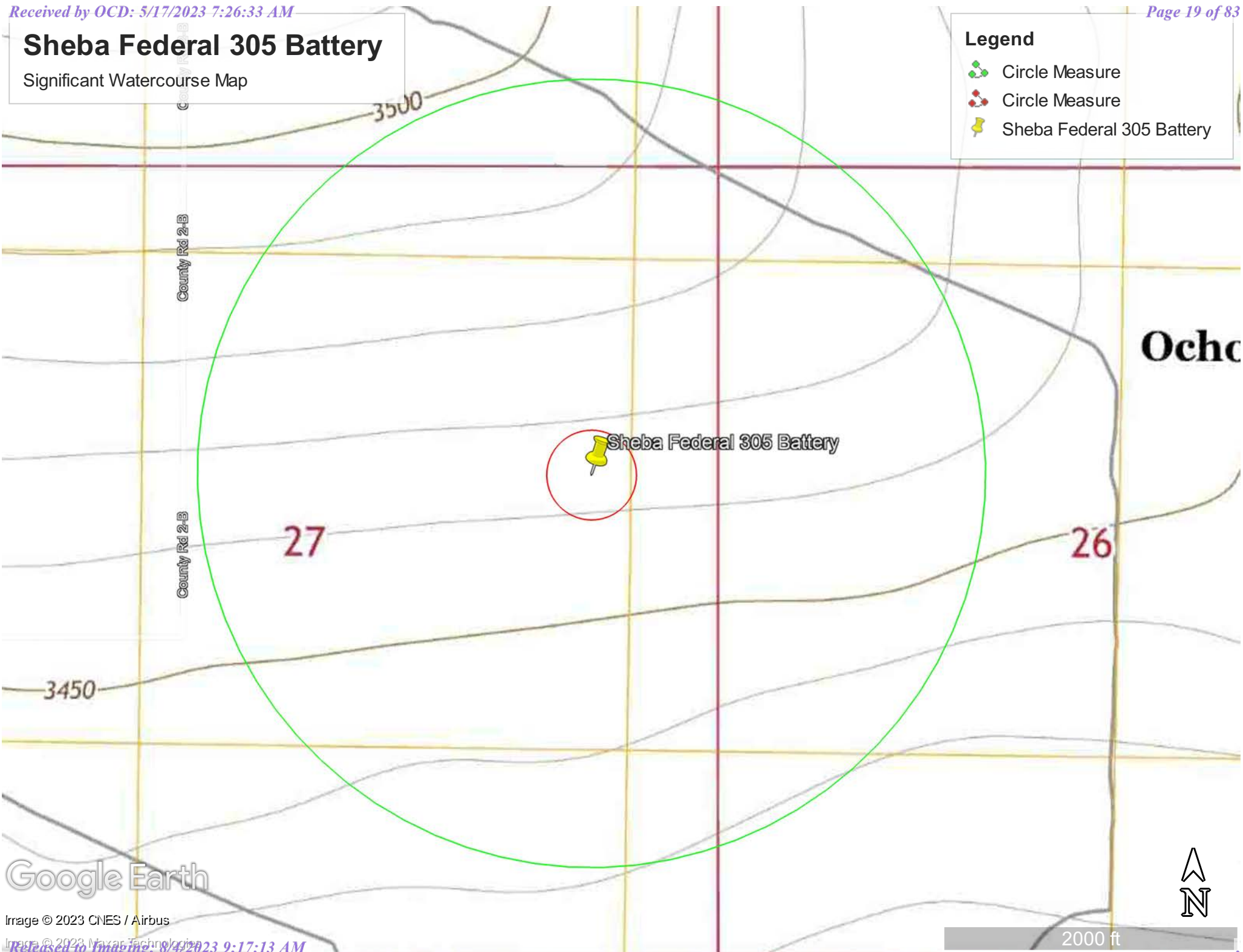
4000 ft

Sheba Federal 305 Battery

Significant Watercourse Map

Legend

-  Circle Measure
-  Circle Measure
-  Sheba Federal 305 Battery



Google Earth

Image © 2023 CNES / Airbus

Image © 2023 Maxar Technologies

Released to Imaging: 8/9/2023 9:17:13 AM

2000 ft



February 10, 2023

Wetlands

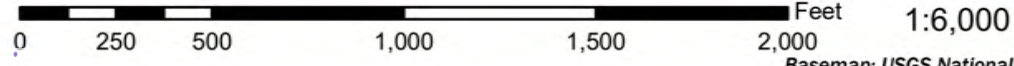
- | | | | | | |
|---|--------------------------------|---|-----------------------------------|---|----------|
|  | Estuarine and Marine Deepwater |  | Freshwater Emergent Wetland |  | Lake |
|  | Estuarine and Marine Wetland |  | Freshwater Forested/Shrub Wetland |  | Other |
| | |  | Freshwater Pond |  | Riverine |

This map is for general reference only. The US Fish and Wildlife Service is not responsible for the accuracy or currentness of the base data shown on this map. All wetlands related data should be used in accordance with the layer metadata found on the Wetlands Mapper web site.

National Flood Hazard Layer FIRMette



3°27'26"W 32°11'38"N



Basemap: USGS National Map: Orthoimagery: Data refreshed October, 2020

Legend

SEE FIS REPORT FOR DETAILED LEGEND AND INDEX MAP FOR FIRM PANEL LAYOUT

SPECIAL FLOOD HAZARD AREAS		Without Base Flood Elevation (BFE) Zone A, V, A99
		With BFE or Depth Zone AE, AO, AH, VE, AR
		Regulatory Floodway
OTHER AREAS OF FLOOD HAZARD		0.2% Annual Chance Flood Hazard, Areas of 1% annual chance flood with average depth less than one foot or with drainage areas of less than one square mile Zone X
		Future Conditions 1% Annual Chance Flood Hazard Zone X
		Area with Reduced Flood Risk due to Levee. See Notes. Zone X
		Area with Flood Risk due to Levee Zone X
OTHER AREAS		NO SCREEN Area of Minimal Flood Hazard Zone X
		Effective LOMRs
GENERAL STRUCTURES		Area of Undetermined Flood Hazard Zone D
		Channel, Culvert, or Storm Sewer
OTHER FEATURES		Levee, Dike, or Floodwall
		20.2 Cross Sections with 1% Annual Chance Water Surface Elevation
		17.5 Cross Sections with 1% Annual Chance Water Surface Elevation
		Coastal Transect
		Base Flood Elevation Line (BFE)
		Limit of Study
		Jurisdiction Boundary
		Coastal Transect Baseline
		Profile Baseline
		Hydrographic Feature
MAP PANELS		Digital Data Available
		No Digital Data Available
		Unmapped

The pin displayed on the map is an approximate point selected by the user and does not represent an authoritative property location.

This map complies with FEMA's standards for the use of digital flood maps if it is not void as described below. The basemap shown complies with FEMA's basemap accuracy standards

The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on **2/10/2023 at 2:00 PM** and does not reflect changes or amendments subsequent to this date and time. The NFHL and effective information may change or become superseded by new data over time.

This map image is void if the one or more of the following map elements do not appear: basemap imagery, flood zone labels, legend, scale bar, map creation date, community identifiers, FIRM panel number, and FIRM effective date. Map images for unmapped and unmodernized areas cannot be used for regulatory purposes.

Released to Imaging: 8/1/2023 9:17:13 AM

Received by OCD: 5/1/2023 7:26:33 AM

ATTACHMENT B: PHOTOGRAPHIC LOG

PHOTOGRAPHIC LOG

Permian Resources

Sheba Federal Com 305H #2

Photograph No. 1

Facility: Sheba Federal Com 305H #2

County: Lea County, New Mexico

Description:
Area of excavation.

**Photograph No. 2**

Facility: Sheba Federal Com 305H #2

County: Lea County, New Mexico

Description:
Area of excavation.

**Photograph No. 3**

Facility: Sheba Federal Com 305H #2

County: Lea County, New Mexico

Description:
Area of excavation.



PHOTOGRAPHIC LOG

Permian Resources

Sheba Federal Com 305H #2

Photograph No. 4

Facility: Sheba Federal Com 305H #2

County: Lea County, New Mexico

Description:
Area of excavation.

**Photograph No. 5**

Facility: Sheba Federal Com 305H #2

County: Lea County, New Mexico

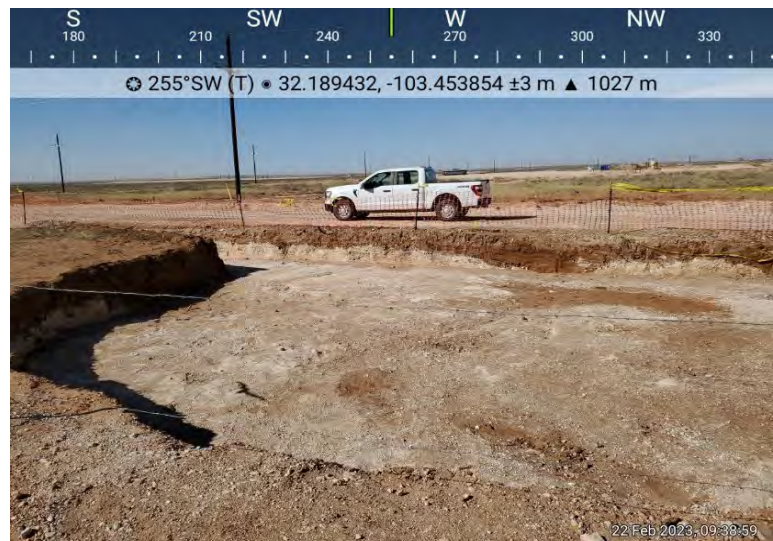
Description:
Area of excavation.

**Photograph No. 6**

Facility: Sheba Federal Com 305H #2

County: Lea County, New Mexico

Description:
Area of excavation.



ATTACHMENT C: CONFIRMATION SAMPLNG NOTIFICATIONS

From: [Enviro. OCD. EMNRD](#)
To: [Jeff Kindley](#)
Cc: [Nobui, Jennifer. EMNRD](#); [Bratcher, Michael. EMNRD](#)
Subject: RE: [EXTERNAL] Sheba Federal Com 506 CTB (nAPP2236358312) Sampling Notification
Date: Friday, February 17, 2023 9:32:29 AM

CAUTION: This email originated from outside your organization. Exercise caution when opening attachments or clicking links, especially from unknown senders.

Jeff,

Thank you for the notification. Please include a copy of this and all notifications in the remedial and/or closure reports to ensure the notifications are documented in the project file.

JH

Jocelyn Harimon • Environmental Specialist
Environmental Bureau
EMNRD - Oil Conservation Division
1220 South St. Francis Drive | Santa Fe, NM 87505
(505)469-2821 | Jocelyn.Harimon@emnrd.nm.gov
[http:// www.emnrd.nm.gov](http://www.emnrd.nm.gov)



From: Jeff Kindley <jkindley@ntglobal.com>
Sent: Friday, February 17, 2023 8:15 AM
To: Enviro, OCD, EMNRD <OCD.Enviro@emnrd.nm.gov>
Cc: Montgomery Floyd <Montgomery.Floyd@permianres.com>; Ethan Sessums <ESessums@ntglobal.com>; Nicholas Hart <NHart@ntglobal.com>; Becky Haskell <bhaskell@ntglobal.com>
Subject: [EXTERNAL] Sheba Federal Com 506 CTB (nAPP2236358312) Sampling Notification

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

Good Morning,

NTGE, on behalf of Permian Resources (Centennial Resources) respectfully submits notification of sampling to be conducted at the below location:

Sheba Federal Com 506 CTB
H-27-24S-34E
Lea County, New Mexico

nAPP2236358312

Sampling will begin at 10:00 AM on Wednesday February 22, 2023.

Thank you,

Jeff Kindley, P.G.

Senior Project Manager/Geologist | **NTG Environmental**

M: 432-967-6544 | jkindley@ntglobal.com

[701 Tradewinds Blvd, Suite C](#)

[Midland, TX 79706](#)



Becky Haskell

From: Jordan Tyner
Sent: Tuesday, March 7, 2023 11:43 AM
To: New Mexico OCD
Cc: NTGE Carlsbad
Subject: Sampling Event

Good Afternoon,

NTGE, on behalf of Permian Resources, respectfully submits notification of sampling to be conducted at the below location.

Sheba Federal Com 305H #2
G-S27-T24S-R34E
Lea County, New Mexico
nAPP2236358312

Sampling will begin at 11:00 a.m. on Thursday, March 9th, 2023

Jordan Tyner
Project Scientist
NTG Environmental New Mexico
402 E Wood Ave, Carlsbad, NM 88220
M: (903) 309-8358 W: (432) 813-0263
Email: jtyner@ntglobal.com
<http://www.ntgenvironmental.com/>



ATTACHMENT D: EXTENSION REQUEST AND APPROVAL EMAIL

Becky Haskell

From: Nobui, Jennifer, EMNRD <Jennifer.Nobui@emnrd.nm.gov>
Sent: Tuesday, March 14, 2023 9:59 AM
To: Becky Haskell
Cc: Bratcher, Michael, EMNRD; Harimon, Jocelyn, EMNRD; Hamlet, Robert, EMNRD
Subject: FW: [EXTERNAL] Sheba Federal Com 506 CTB (nAPP2236358312) Extension Request

CAUTION: This email originated from outside your organization. Exercise caution when opening attachments or clicking links, especially from unknown senders.

Hello Becky

OCD approves your 60-day extension request to May 17, 2023 to submit a remediation plan or closure report. Please include a copy of this and all notifications in the remedial and/or closure reports to ensure the notifications are documented in the project file.

Thanks,
Jennifer Nobui

From: Becky Haskell <bhaskell@ntglobal.com>
Sent: Monday, March 13, 2023 3:49 PM
To: Enviro, OCD, EMNRD <OCD.Enviro@emnrd.nm.gov>
Cc: Montgomery Floyd <Montgomery.Floyd@permianres.com>; Becky Haskell <bhaskell@ntglobal.com>; Ethan Sessums <ESessums@ntglobal.com>; Kenny Han <KHan@ntglobal.com>
Subject: [EXTERNAL] Sheba Federal Com 506 CTB (nAPP2236358312) Extension Request

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

Good Afternoon,

NTGE, on behalf of Permian Resources (Centennial Resources) respectfully submits this extension request. A report is due to the NMOCDD by 3/17/23. We are currently waiting on lab results and are requesting a 60-day extension to review analytical results and prepare a closure report or, if needed, conduct additional remediation activities.

Sheba Federal Com 506 CTB
H-27-24S-34E
Lea County, NM
nAPP2236358312

Thank You,

Becky Haskell
Senior Project Manager | **NTG Environmental**
M: 432-766-1918 | bhaskell@ntglobal.com
[701 Tradewinds Blvd, Suite C](#)
[Midland, TX 79706](#)



ATTACHMENT E: LABORATORY ANALYTICAL REPORTS



Environment Testing

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ANALYTICAL REPORT

PREPARED FOR

Attn: Becky Haskell
NT Global
701 Tradewinds Blvd
Midland, Texas 79706
Generated 3/6/2023 2:08:53 PM

JOB DESCRIPTION

Sheba Federal Com 305H #2
SDG NUMBER Lea County NM

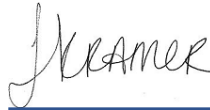
JOB NUMBER

890-4173-1

Eurofins Carlsbad
1089 N Canal St.
Carlsbad NM 88220

Eurofins Carlsbad**Job Notes**

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

Authorization

Generated
3/6/2023 2:08:53 PM

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

Client: NT Global
Project/Site: Sheba Federal Com 305H #2

Laboratory Job ID: 890-4173-1
SDG: Lea County NM

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Definitions/Glossary

Client: NT Global

Project/Site: Sheba Federal Com 305H #2

Job ID: 890-4173-1

SDG: Lea County NM

Qualifiers

GC VOA

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

GC Semi VOA

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

HPLC/IC

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

Glossary

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

Case Narrative

Client: NT Global
Project/Site: Sheba Federal Com 305H #2

Job ID: 890-4173-1
SDG: Lea County NM

Job ID: 890-4173-1**Laboratory: Eurofins Carlsbad****Narrative****Job Narrative
890-4173-1****Receipt**

The samples were received on 2/22/2023 1:54 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 22.0°C

Receipt Exceptions

The following samples were received and analyzed from an unpreserved bulk soil jar: CS-1 (3.5) (890-4173-1), CS-2 (3.5) (890-4173-2), CS-3 (3.5) (890-4173-3), CS-4 (3.5) (890-4173-4), CS-5 (3.5) (890-4173-5), CS-6 (3.5) (890-4173-6), CS-7 (3.5) (890-4173-7), CS-8 (3.5) (890-4173-8), CS-9 (3.5) (890-4173-9), CS-10 (3.5) (890-4173-10), CS-11 (3.5) (890-4173-11), CS-12 (3.5) (890-4173-12), CS-13 (3.5) (890-4173-13), CS-14 (3.5) (890-4173-14), CS-15 (3.5) (890-4173-15), CS-16 (3.5) (890-4173-16), SW-1 (0-3.5') (890-4173-17), SW-2 (0-3.5') (890-4173-18), SW-3 (0-3.5') (890-4173-19) and SW-4 (0-3.5') (890-4173-20).

GC VOA

Method 8021B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries and precision for preparation batch 880-47355 and analytical batch 880-47785 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample / laboratory sample control duplicate (LCS/LCSD) precision was within acceptance limits.

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

GC Semi VOA

Method 8015MOD_NM: The surrogate recovery for the blank associated with preparation batch 880-47271 and analytical batch 880-47268 was outside the upper control limits.

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

HPLC/IC

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

Client Sample Results

Client: NT Global
Project/Site: Sheba Federal Com 305H #2

Job ID: 890-4173-1
SDG: Lea County NM

Client Sample ID: CS-1 (3.5)

Lab Sample ID: 890-4173-1

Date Collected: 02/22/23 00:00

Matrix: Solid

Date Received: 02/22/23 13:54

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U F1	0.00202		mg/Kg		02/27/23 16:32	03/03/23 21:30	1
Ethylbenzene	<0.00202	U F2 F1	0.00202		mg/Kg		02/27/23 16:32	03/03/23 21:30	1
Toluene	<0.00202	U F2 F1	0.00202		mg/Kg		02/27/23 16:32	03/03/23 21:30	1
Xylenes, Total	<0.00403	U F2 F1	0.00403		mg/Kg		02/27/23 16:32	03/03/23 21:30	1
m-Xylene & p-Xylene	<0.00403	U F2 F1	0.00403		mg/Kg		02/27/23 16:32	03/03/23 21:30	1
o-Xylene	<0.00202	U F2 F1	0.00202		mg/Kg		02/27/23 16:32	03/03/23 21:30	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	98		70 - 130	02/27/23 16:32	03/03/23 21:30	1
1,4-Difluorobenzene (Surr)	96		70 - 130	02/27/23 16:32	03/03/23 21:30	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			03/06/23 14:55	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			02/28/23 10:23	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		02/27/23 08:17	02/27/23 11:24	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		02/27/23 08:17	02/27/23 11:24	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		02/27/23 08:17	02/27/23 11:24	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	100		70 - 130	02/27/23 08:17	02/27/23 11:24	1
o-Terphenyl	102		70 - 130	02/27/23 08:17	02/27/23 11:24	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	24.4		5.00		mg/Kg			02/28/23 08:44	1

Client Sample ID: CS-2 (3.5)

Lab Sample ID: 890-4173-2

Date Collected: 02/22/23 00:00

Matrix: Solid

Date Received: 02/22/23 13:54

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		02/27/23 16:32	03/03/23 21:56	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		02/27/23 16:32	03/03/23 21:56	1
Toluene	<0.00199	U	0.00199		mg/Kg		02/27/23 16:32	03/03/23 21:56	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		02/27/23 16:32	03/03/23 21:56	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		02/27/23 16:32	03/03/23 21:56	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		02/27/23 16:32	03/03/23 21:56	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	99		70 - 130	02/27/23 16:32	03/03/23 21:56	1
1,4-Difluorobenzene (Surr)	95		70 - 130	02/27/23 16:32	03/03/23 21:56	1

Eurofins Carlsbad

Client Sample Results

Client: NT Global
Project/Site: Sheba Federal Com 305H #2

Job ID: 890-4173-1
SDG: Lea County NM

Client Sample ID: CS-2 (3.5)

Lab Sample ID: 890-4173-2

Date Collected: 02/22/23 00:00

Matrix: Solid

Date Received: 02/22/23 13:54

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			03/06/23 14:55	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			02/28/23 10:23	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		02/27/23 08:17	02/27/23 12:29	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		02/27/23 08:17	02/27/23 12:29	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		02/27/23 08:17	02/27/23 12:29	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	103		70 - 130				02/27/23 08:17	02/27/23 12:29	1
o-Terphenyl	106		70 - 130				02/27/23 08:17	02/27/23 12:29	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	26.2		4.98		mg/Kg			02/28/23 09:03	1

Client Sample ID: CS-3 (3.5)

Lab Sample ID: 890-4173-3

Date Collected: 02/22/23 00:00

Matrix: Solid

Date Received: 02/22/23 13:54

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		02/27/23 16:32	03/03/23 22:21	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		02/27/23 16:32	03/03/23 22:21	1
Toluene	<0.00198	U	0.00198		mg/Kg		02/27/23 16:32	03/03/23 22:21	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		02/27/23 16:32	03/03/23 22:21	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		02/27/23 16:32	03/03/23 22:21	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		02/27/23 16:32	03/03/23 22:21	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	112		70 - 130				02/27/23 16:32	03/03/23 22:21	1
1,4-Difluorobenzene (Surr)	96		70 - 130				02/27/23 16:32	03/03/23 22:21	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			03/06/23 14:55	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			02/28/23 10:23	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		02/27/23 08:17	02/27/23 12:50	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		02/27/23 08:17	02/27/23 12:50	1

Eurofins Carlsbad

Client Sample Results

Client: NT Global
Project/Site: Sheba Federal Com 305H #2

Job ID: 890-4173-1
SDG: Lea County NM

Client Sample ID: CS-3 (3.5)

Lab Sample ID: 890-4173-3

Date Collected: 02/22/23 00:00

Matrix: Solid

Date Received: 02/22/23 13:54

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		02/27/23 08:17	02/27/23 12:50	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	91		70 - 130				02/27/23 08:17	02/27/23 12:50	1
o-Terphenyl	91		70 - 130				02/27/23 08:17	02/27/23 12:50	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	27.1		4.95		mg/Kg			02/28/23 09:09	1

Client Sample ID: CS-4 (3.5)

Lab Sample ID: 890-4173-4

Date Collected: 02/22/23 00:00

Matrix: Solid

Date Received: 02/22/23 13:54

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		02/27/23 16:32	03/03/23 22:47	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		02/27/23 16:32	03/03/23 22:47	1
Toluene	<0.00201	U	0.00201		mg/Kg		02/27/23 16:32	03/03/23 22:47	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		02/27/23 16:32	03/03/23 22:47	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		02/27/23 16:32	03/03/23 22:47	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		02/27/23 16:32	03/03/23 22:47	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		70 - 130				02/27/23 16:32	03/03/23 22:47	1
1,4-Difluorobenzene (Surr)	103		70 - 130				02/27/23 16:32	03/03/23 22:47	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			03/06/23 14:55	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			02/28/23 10:23	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		02/27/23 08:17	02/27/23 13:11	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		02/27/23 08:17	02/27/23 13:11	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		02/27/23 08:17	02/27/23 13:11	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	96		70 - 130				02/27/23 08:17	02/27/23 13:11	1
o-Terphenyl	97		70 - 130				02/27/23 08:17	02/27/23 13:11	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	277		4.96		mg/Kg			02/28/23 09:15	1

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Client Sample Results

Client: NT Global
Project/Site: Sheba Federal Com 305H #2

Job ID: 890-4173-1
SDG: Lea County NM

Client Sample ID: CS-5 (3.5)

Lab Sample ID: 890-4173-5

Date Collected: 02/22/23 00:00

Matrix: Solid

Date Received: 02/22/23 13:54

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		02/27/23 16:32	03/03/23 23:13	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/27/23 16:32	03/03/23 23:13	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/27/23 16:32	03/03/23 23:13	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		02/27/23 16:32	03/03/23 23:13	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		02/27/23 16:32	03/03/23 23:13	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/27/23 16:32	03/03/23 23:13	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	113		70 - 130	02/27/23 16:32	03/03/23 23:13	1
1,4-Difluorobenzene (Surr)	93		70 - 130	02/27/23 16:32	03/03/23 23:13	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			03/06/23 14:55	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			02/28/23 10:23	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		02/27/23 08:17	02/27/23 13:32	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		02/27/23 08:17	02/27/23 13:32	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		02/27/23 08:17	02/27/23 13:32	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	97		70 - 130	02/27/23 08:17	02/27/23 13:32	1
o-Terphenyl	99		70 - 130	02/27/23 08:17	02/27/23 13:32	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	271		4.97		mg/Kg			02/28/23 09:21	1

Client Sample ID: CS-6 (3.5)

Lab Sample ID: 890-4173-6

Date Collected: 02/22/23 00:00

Matrix: Solid

Date Received: 02/22/23 13:54

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		02/27/23 16:32	03/03/23 23:39	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/27/23 16:32	03/03/23 23:39	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/27/23 16:32	03/03/23 23:39	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		02/27/23 16:32	03/03/23 23:39	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		02/27/23 16:32	03/03/23 23:39	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/27/23 16:32	03/03/23 23:39	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	117		70 - 130	02/27/23 16:32	03/03/23 23:39	1
1,4-Difluorobenzene (Surr)	101		70 - 130	02/27/23 16:32	03/03/23 23:39	1

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Client Sample Results

Client: NT Global
Project/Site: Sheba Federal Com 305H #2

Job ID: 890-4173-1
SDG: Lea County NM

Client Sample ID: CS-6 (3.5)

Lab Sample ID: 890-4173-6

Date Collected: 02/22/23 00:00

Matrix: Solid

Date Received: 02/22/23 13:54

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			03/06/23 14:55	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			02/28/23 10:23	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		02/27/23 08:17	02/27/23 13:53	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		02/27/23 08:17	02/27/23 13:53	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		02/27/23 08:17	02/27/23 13:53	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	97		70 - 130				02/27/23 08:17	02/27/23 13:53	1
o-Terphenyl	101		70 - 130				02/27/23 08:17	02/27/23 13:53	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	82.8		5.00		mg/Kg			02/28/23 09:40	1

Client Sample ID: CS-7 (3.5)

Lab Sample ID: 890-4173-7

Date Collected: 02/22/23 00:00

Matrix: Solid

Date Received: 02/22/23 13:54

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		02/27/23 16:32	03/04/23 00:04	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		02/27/23 16:32	03/04/23 00:04	1
Toluene	<0.00199	U	0.00199		mg/Kg		02/27/23 16:32	03/04/23 00:04	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		02/27/23 16:32	03/04/23 00:04	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		02/27/23 16:32	03/04/23 00:04	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		02/27/23 16:32	03/04/23 00:04	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	112		70 - 130				02/27/23 16:32	03/04/23 00:04	1
1,4-Difluorobenzene (Surr)	99		70 - 130				02/27/23 16:32	03/04/23 00:04	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			03/06/23 14:55	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			02/28/23 10:23	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		02/27/23 08:17	02/27/23 14:14	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		02/27/23 08:17	02/27/23 14:14	1

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Client Sample Results

Client: NT Global
Project/Site: Sheba Federal Com 305H #2

Job ID: 890-4173-1
SDG: Lea County NM

Client Sample ID: CS-7 (3.5)

Lab Sample ID: 890-4173-7

Date Collected: 02/22/23 00:00

Matrix: Solid

Date Received: 02/22/23 13:54

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		02/27/23 08:17	02/27/23 14:14	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	95		70 - 130				02/27/23 08:17	02/27/23 14:14	1
o-Terphenyl	99		70 - 130				02/27/23 08:17	02/27/23 14:14	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	63.6		4.98		mg/Kg			02/28/23 09:46	1

Client Sample ID: CS-8 (3.5)

Lab Sample ID: 890-4173-8

Date Collected: 02/22/23 00:00

Matrix: Solid

Date Received: 02/22/23 13:54

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		02/27/23 16:32	03/04/23 00:31	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		02/27/23 16:32	03/04/23 00:31	1
Toluene	<0.00199	U	0.00199		mg/Kg		02/27/23 16:32	03/04/23 00:31	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		02/27/23 16:32	03/04/23 00:31	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		02/27/23 16:32	03/04/23 00:31	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		02/27/23 16:32	03/04/23 00:31	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	109		70 - 130				02/27/23 16:32	03/04/23 00:31	1
1,4-Difluorobenzene (Surr)	97		70 - 130				02/27/23 16:32	03/04/23 00:31	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			03/06/23 14:55	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			02/28/23 10:23	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		02/27/23 08:17	02/27/23 14:34	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		02/27/23 08:17	02/27/23 14:34	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		02/27/23 08:17	02/27/23 14:34	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	97		70 - 130				02/27/23 08:17	02/27/23 14:34	1
o-Terphenyl	99		70 - 130				02/27/23 08:17	02/27/23 14:34	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	76.0		4.99		mg/Kg			02/28/23 09:52	1

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Client Sample Results

Client: NT Global
Project/Site: Sheba Federal Com 305H #2

Job ID: 890-4173-1
SDG: Lea County NM

Client Sample ID: CS-9 (3.5)

Lab Sample ID: 890-4173-9

Date Collected: 02/22/23 00:00

Matrix: Solid

Date Received: 02/22/23 13:54

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		02/27/23 16:32	03/04/23 00:57	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		02/27/23 16:32	03/04/23 00:57	1
Toluene	<0.00201	U	0.00201		mg/Kg		02/27/23 16:32	03/04/23 00:57	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		02/27/23 16:32	03/04/23 00:57	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		02/27/23 16:32	03/04/23 00:57	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		02/27/23 16:32	03/04/23 00:57	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		70 - 130	02/27/23 16:32	03/04/23 00:57	1
1,4-Difluorobenzene (Surr)	99		70 - 130	02/27/23 16:32	03/04/23 00:57	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			03/06/23 14:55	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			02/28/23 10:23	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		02/27/23 08:17	02/27/23 14:56	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		02/27/23 08:17	02/27/23 14:56	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		02/27/23 08:17	02/27/23 14:56	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	97		70 - 130	02/27/23 08:17	02/27/23 14:56	1
o-Terphenyl	101		70 - 130	02/27/23 08:17	02/27/23 14:56	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	134		5.01		mg/Kg			02/28/23 09:59	1

Client Sample ID: CS-10 (3.5)

Lab Sample ID: 890-4173-10

Date Collected: 02/22/23 00:00

Matrix: Solid

Date Received: 02/22/23 13:54

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		02/27/23 16:32	03/04/23 01:23	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/27/23 16:32	03/04/23 01:23	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/27/23 16:32	03/04/23 01:23	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		02/27/23 16:32	03/04/23 01:23	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		02/27/23 16:32	03/04/23 01:23	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/27/23 16:32	03/04/23 01:23	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	106		70 - 130	02/27/23 16:32	03/04/23 01:23	1
1,4-Difluorobenzene (Surr)	90		70 - 130	02/27/23 16:32	03/04/23 01:23	1

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Client Sample Results

Client: NT Global
Project/Site: Sheba Federal Com 305H #2

Job ID: 890-4173-1
SDG: Lea County NM

Client Sample ID: CS-10 (3.5)

Lab Sample ID: 890-4173-10

Date Collected: 02/22/23 00:00

Matrix: Solid

Date Received: 02/22/23 13:54

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			03/06/23 14:55	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			02/28/23 10:23	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		02/27/23 08:17	02/27/23 15:17	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		02/27/23 08:17	02/27/23 15:17	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		02/27/23 08:17	02/27/23 15:17	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	96		70 - 130				02/27/23 08:17	02/27/23 15:17	1
o-Terphenyl	100		70 - 130				02/27/23 08:17	02/27/23 15:17	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	107		4.98		mg/Kg			02/28/23 10:05	1

Client Sample ID: CS-11 (3.5)

Lab Sample ID: 890-4173-11

Date Collected: 02/22/23 00:00

Matrix: Solid

Date Received: 02/22/23 13:54

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		02/27/23 16:32	03/04/23 03:07	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		02/27/23 16:32	03/04/23 03:07	1
Toluene	<0.00198	U	0.00198		mg/Kg		02/27/23 16:32	03/04/23 03:07	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		02/27/23 16:32	03/04/23 03:07	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		02/27/23 16:32	03/04/23 03:07	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		02/27/23 16:32	03/04/23 03:07	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	100		70 - 130				02/27/23 16:32	03/04/23 03:07	1
1,4-Difluorobenzene (Surr)	94		70 - 130				02/27/23 16:32	03/04/23 03:07	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			03/06/23 14:55	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			02/28/23 10:23	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		02/27/23 08:17	02/27/23 16:00	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		02/27/23 08:17	02/27/23 16:00	1

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Client Sample Results

Client: NT Global
Project/Site: Sheba Federal Com 305H #2

Job ID: 890-4173-1
SDG: Lea County NM

Client Sample ID: CS-11 (3.5)

Lab Sample ID: 890-4173-11

Date Collected: 02/22/23 00:00

Matrix: Solid

Date Received: 02/22/23 13:54

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		02/27/23 08:17	02/27/23 16:00	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	94		70 - 130				02/27/23 08:17	02/27/23 16:00	1
o-Terphenyl	96		70 - 130				02/27/23 08:17	02/27/23 16:00	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	140		4.95		mg/Kg			02/28/23 10:11	1

Client Sample ID: CS-12 (3.5)

Lab Sample ID: 890-4173-12

Date Collected: 02/22/23 00:00

Matrix: Solid

Date Received: 02/22/23 13:54

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		02/27/23 16:32	03/04/23 03:33	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		02/27/23 16:32	03/04/23 03:33	1
Toluene	<0.00199	U	0.00199		mg/Kg		02/27/23 16:32	03/04/23 03:33	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		02/27/23 16:32	03/04/23 03:33	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		02/27/23 16:32	03/04/23 03:33	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		02/27/23 16:32	03/04/23 03:33	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	110		70 - 130				02/27/23 16:32	03/04/23 03:33	1
1,4-Difluorobenzene (Surr)	95		70 - 130				02/27/23 16:32	03/04/23 03:33	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			03/06/23 14:55	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			02/28/23 10:23	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		02/27/23 08:17	02/27/23 16:22	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		02/27/23 08:17	02/27/23 16:22	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		02/27/23 08:17	02/27/23 16:22	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	93		70 - 130				02/27/23 08:17	02/27/23 16:22	1
o-Terphenyl	96		70 - 130				02/27/23 08:17	02/27/23 16:22	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	7.04		4.99		mg/Kg			02/28/23 10:29	1

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Client Sample Results

Client: NT Global
Project/Site: Sheba Federal Com 305H #2

Job ID: 890-4173-1
SDG: Lea County NM

Client Sample ID: CS-13 (3.5)

Lab Sample ID: 890-4173-13

Date Collected: 02/22/23 00:00

Matrix: Solid

Date Received: 02/22/23 13:54

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		02/27/23 16:32	03/04/23 03:59	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		02/27/23 16:32	03/04/23 03:59	1
Toluene	<0.00199	U	0.00199		mg/Kg		02/27/23 16:32	03/04/23 03:59	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		02/27/23 16:32	03/04/23 03:59	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		02/27/23 16:32	03/04/23 03:59	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		02/27/23 16:32	03/04/23 03:59	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	116		70 - 130	02/27/23 16:32	03/04/23 03:59	1
1,4-Difluorobenzene (Surr)	94		70 - 130	02/27/23 16:32	03/04/23 03:59	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			03/06/23 14:55	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			02/28/23 10:23	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		02/27/23 08:17	02/27/23 16:44	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		02/27/23 08:17	02/27/23 16:44	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		02/27/23 08:17	02/27/23 16:44	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	90		70 - 130	02/27/23 08:17	02/27/23 16:44	1
o-Terphenyl	92		70 - 130	02/27/23 08:17	02/27/23 16:44	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	244		4.95		mg/Kg			02/28/23 10:45	1

Client Sample ID: CS-14 (3.5)

Lab Sample ID: 890-4173-14

Date Collected: 02/22/23 00:00

Matrix: Solid

Date Received: 02/22/23 13:54

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		02/27/23 16:32	03/04/23 04:26	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		02/27/23 16:32	03/04/23 04:26	1
Toluene	<0.00201	U	0.00201		mg/Kg		02/27/23 16:32	03/04/23 04:26	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		02/27/23 16:32	03/04/23 04:26	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		02/27/23 16:32	03/04/23 04:26	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		02/27/23 16:32	03/04/23 04:26	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	108		70 - 130	02/27/23 16:32	03/04/23 04:26	1
1,4-Difluorobenzene (Surr)	93		70 - 130	02/27/23 16:32	03/04/23 04:26	1

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Client Sample Results

Client: NT Global
Project/Site: Sheba Federal Com 305H #2

Job ID: 890-4173-1
SDG: Lea County NM

Client Sample ID: CS-14 (3.5)

Lab Sample ID: 890-4173-14

Date Collected: 02/22/23 00:00

Matrix: Solid

Date Received: 02/22/23 13:54

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			03/06/23 14:55	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			02/28/23 10:23	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		02/27/23 08:17	02/27/23 17:05	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		02/27/23 08:17	02/27/23 17:05	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		02/27/23 08:17	02/27/23 17:05	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	90		70 - 130				02/27/23 08:17	02/27/23 17:05	1
o-Terphenyl	91		70 - 130				02/27/23 08:17	02/27/23 17:05	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	260		4.97		mg/Kg			02/28/23 11:10	1

Client Sample ID: CS-15 (3.5)

Lab Sample ID: 890-4173-15

Date Collected: 02/22/23 00:00

Matrix: Solid

Date Received: 02/22/23 13:54

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		02/27/23 16:32	03/04/23 04:51	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/27/23 16:32	03/04/23 04:51	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/27/23 16:32	03/04/23 04:51	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		02/27/23 16:32	03/04/23 04:51	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		02/27/23 16:32	03/04/23 04:51	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/27/23 16:32	03/04/23 04:51	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	118		70 - 130				02/27/23 16:32	03/04/23 04:51	1
1,4-Difluorobenzene (Surr)	92		70 - 130				02/27/23 16:32	03/04/23 04:51	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			03/06/23 14:55	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			02/28/23 10:23	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		02/27/23 08:17	02/27/23 17:26	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		02/27/23 08:17	02/27/23 17:26	1

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Client Sample Results

Client: NT Global
Project/Site: Sheba Federal Com 305H #2

Job ID: 890-4173-1
SDG: Lea County NM

Client Sample ID: CS-15 (3.5)

Lab Sample ID: 890-4173-15

Date Collected: 02/22/23 00:00

Matrix: Solid

Date Received: 02/22/23 13:54

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		02/27/23 08:17	02/27/23 17:26	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	92		70 - 130				02/27/23 08:17	02/27/23 17:26	1
o-Terphenyl	95		70 - 130				02/27/23 08:17	02/27/23 17:26	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	204		4.96		mg/Kg			02/28/23 11:16	1

Client Sample ID: CS-16 (3.5)

Lab Sample ID: 890-4173-16

Date Collected: 02/22/23 00:00

Matrix: Solid

Date Received: 02/22/23 13:54

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		02/27/23 16:32	03/04/23 05:17	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/27/23 16:32	03/04/23 05:17	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/27/23 16:32	03/04/23 05:17	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		02/27/23 16:32	03/04/23 05:17	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		02/27/23 16:32	03/04/23 05:17	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/27/23 16:32	03/04/23 05:17	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	116		70 - 130				02/27/23 16:32	03/04/23 05:17	1
1,4-Difluorobenzene (Surr)	99		70 - 130				02/27/23 16:32	03/04/23 05:17	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			03/06/23 14:55	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			02/28/23 10:23	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		02/27/23 08:17	02/27/23 17:48	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		02/27/23 08:17	02/27/23 17:48	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		02/27/23 08:17	02/27/23 17:48	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	90		70 - 130				02/27/23 08:17	02/27/23 17:48	1
o-Terphenyl	93		70 - 130				02/27/23 08:17	02/27/23 17:48	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	8.80		4.99		mg/Kg			02/28/23 11:26	1

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Client Sample Results

Client: NT Global
Project/Site: Sheba Federal Com 305H #2

Job ID: 890-4173-1
SDG: Lea County NM

Client Sample ID: SW-1 (0-3.5')

Lab Sample ID: 890-4173-17

Date Collected: 02/22/23 00:00

Matrix: Solid

Date Received: 02/22/23 13:54

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		02/27/23 16:32	03/04/23 05:44	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		02/27/23 16:32	03/04/23 05:44	1
Toluene	<0.00198	U	0.00198		mg/Kg		02/27/23 16:32	03/04/23 05:44	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		02/27/23 16:32	03/04/23 05:44	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		02/27/23 16:32	03/04/23 05:44	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		02/27/23 16:32	03/04/23 05:44	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	112		70 - 130	02/27/23 16:32	03/04/23 05:44	1
1,4-Difluorobenzene (Surr)	85		70 - 130	02/27/23 16:32	03/04/23 05:44	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			03/06/23 14:55	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			02/28/23 10:23	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		02/27/23 08:17	02/27/23 18:09	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		02/27/23 08:17	02/27/23 18:09	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		02/27/23 08:17	02/27/23 18:09	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	91		70 - 130	02/27/23 08:17	02/27/23 18:09	1
o-Terphenyl	94		70 - 130	02/27/23 08:17	02/27/23 18:09	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	43.3		5.02		mg/Kg			02/28/23 11:33	1

Client Sample ID: SW-2 (0-3.5')

Lab Sample ID: 890-4173-18

Date Collected: 02/22/23 00:00

Matrix: Solid

Date Received: 02/22/23 13:54

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		02/27/23 16:32	03/04/23 06:10	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/27/23 16:32	03/04/23 06:10	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/27/23 16:32	03/04/23 06:10	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		02/27/23 16:32	03/04/23 06:10	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		02/27/23 16:32	03/04/23 06:10	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/27/23 16:32	03/04/23 06:10	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	121		70 - 130	02/27/23 16:32	03/04/23 06:10	1
1,4-Difluorobenzene (Surr)	99		70 - 130	02/27/23 16:32	03/04/23 06:10	1

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Client Sample Results

Client: NT Global
Project/Site: Sheba Federal Com 305H #2

Job ID: 890-4173-1
SDG: Lea County NM

Client Sample ID: SW-2 (0-3.5')

Lab Sample ID: 890-4173-18

Date Collected: 02/22/23 00:00

Matrix: Solid

Date Received: 02/22/23 13:54

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			03/06/23 14:55	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			02/28/23 10:23	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		02/27/23 08:17	02/27/23 18:31	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		02/27/23 08:17	02/27/23 18:31	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		02/27/23 08:17	02/27/23 18:31	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	87		70 - 130				02/27/23 08:17	02/27/23 18:31	1
o-Terphenyl	91		70 - 130				02/27/23 08:17	02/27/23 18:31	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	235		5.01		mg/Kg			02/28/23 11:40	1

Client Sample ID: SW-3 (0-3.5')

Lab Sample ID: 890-4173-19

Date Collected: 02/22/23 00:00

Matrix: Solid

Date Received: 02/22/23 13:54

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		02/27/23 16:32	03/04/23 06:37	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		02/27/23 16:32	03/04/23 06:37	1
Toluene	<0.00199	U	0.00199		mg/Kg		02/27/23 16:32	03/04/23 06:37	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		02/27/23 16:32	03/04/23 06:37	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		02/27/23 16:32	03/04/23 06:37	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		02/27/23 16:32	03/04/23 06:37	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	109		70 - 130				02/27/23 16:32	03/04/23 06:37	1
1,4-Difluorobenzene (Surr)	92		70 - 130				02/27/23 16:32	03/04/23 06:37	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			03/06/23 14:55	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			02/28/23 10:23	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		02/27/23 08:17	02/27/23 18:52	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		02/27/23 08:17	02/27/23 18:52	1

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Client Sample Results

Client: NT Global
Project/Site: Sheba Federal Com 305H #2

Job ID: 890-4173-1
SDG: Lea County NM

Client Sample ID: SW-3 (0-3.5')

Lab Sample ID: 890-4173-19

Date Collected: 02/22/23 00:00

Matrix: Solid

Date Received: 02/22/23 13:54

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		02/27/23 08:17	02/27/23 18:52	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	90		70 - 130				02/27/23 08:17	02/27/23 18:52	1
o-Terphenyl	93		70 - 130				02/27/23 08:17	02/27/23 18:52	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	31.4		4.98		mg/Kg			02/28/23 11:46	1

Client Sample ID: SW-4 (0-3.5')

Lab Sample ID: 890-4173-20

Date Collected: 02/22/23 00:00

Matrix: Solid

Date Received: 02/22/23 13:54

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		02/27/23 16:32	03/04/23 07:04	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		02/27/23 16:32	03/04/23 07:04	1
Toluene	<0.00199	U	0.00199		mg/Kg		02/27/23 16:32	03/04/23 07:04	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		02/27/23 16:32	03/04/23 07:04	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		02/27/23 16:32	03/04/23 07:04	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		02/27/23 16:32	03/04/23 07:04	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	115		70 - 130				02/27/23 16:32	03/04/23 07:04	1
1,4-Difluorobenzene (Surr)	102		70 - 130				02/27/23 16:32	03/04/23 07:04	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			03/06/23 14:55	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			02/28/23 10:23	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		02/27/23 08:17	02/27/23 19:13	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		02/27/23 08:17	02/27/23 19:13	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		02/27/23 08:17	02/27/23 19:13	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	88		70 - 130				02/27/23 08:17	02/27/23 19:13	1
o-Terphenyl	89		70 - 130				02/27/23 08:17	02/27/23 19:13	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	274		4.97		mg/Kg			02/28/23 11:52	1

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Surrogate Summary

Client: NT Global

Job ID: 890-4173-1

Project/Site: Sheba Federal Com 305H #2

SDG: Lea County NM

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)	
		BFB1 (70-130)	DFBZ1 (70-130)
890-4173-1	CS-1 (3.5)	98	96
890-4173-1 MS	CS-1 (3.5)	86	97
890-4173-1 MSD	CS-1 (3.5)	90	98
890-4173-2	CS-2 (3.5)	99	95
890-4173-3	CS-3 (3.5)	112	96
890-4173-4	CS-4 (3.5)	103	103
890-4173-5	CS-5 (3.5)	113	93
890-4173-6	CS-6 (3.5)	117	101
890-4173-7	CS-7 (3.5)	112	99
890-4173-8	CS-8 (3.5)	109	97
890-4173-9	CS-9 (3.5)	103	99
890-4173-10	CS-10 (3.5)	106	90
890-4173-11	CS-11 (3.5)	100	94
890-4173-12	CS-12 (3.5)	110	95
890-4173-13	CS-13 (3.5)	116	94
890-4173-14	CS-14 (3.5)	108	93
890-4173-15	CS-15 (3.5)	118	92
890-4173-16	CS-16 (3.5)	116	99
890-4173-17	SW-1 (0-3.5')	112	85
890-4173-18	SW-2 (0-3.5')	121	99
890-4173-19	SW-3 (0-3.5')	109	92
890-4173-20	SW-4 (0-3.5')	115	102
LCS 880-47355/1-A	Lab Control Sample	102	99
LCSD 880-47355/2-A	Lab Control Sample Dup	90	92
MB 880-47355/5-A	Method Blank	65 S1-	94
Surrogate Legend			
BFB = 4-Bromofluorobenzene (Surr)			
DFBZ = 1,4-Difluorobenzene (Surr)			

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

Matrix: Solid

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)	
		1CO1 (70-130)	OTPH1 (70-130)
890-4173-1	CS-1 (3.5)	100	102
890-4173-1 MS	CS-1 (3.5)	103	94
890-4173-1 MSD	CS-1 (3.5)	103	93
890-4173-2	CS-2 (3.5)	103	106
890-4173-3	CS-3 (3.5)	91	91
890-4173-4	CS-4 (3.5)	96	97
890-4173-5	CS-5 (3.5)	97	99
890-4173-6	CS-6 (3.5)	97	101
890-4173-7	CS-7 (3.5)	95	99
890-4173-8	CS-8 (3.5)	97	99
890-4173-9	CS-9 (3.5)	97	101
890-4173-10	CS-10 (3.5)	96	100
890-4173-11	CS-11 (3.5)	94	96
890-4173-12	CS-12 (3.5)	93	96

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Surrogate Summary

Client: NT Global
Project/Site: Sheba Federal Com 305H #2

Job ID: 890-4173-1
SDG: Lea County 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)
890-4173-13	CS-13 (3.5)	90	92
890-4173-14	CS-14 (3.5)	90	91
890-4173-15	CS-15 (3.5)	92	95
890-4173-16	CS-16 (3.5)	90	93
890-4173-17	SW-1 (0-3.5')	91	94
890-4173-18	SW-2 (0-3.5')	87	91
890-4173-19	SW-3 (0-3.5')	90	93
890-4173-20	SW-4 (0-3.5')	88	89
LCS 880-47271/2-A	Lab Control Sample	103	93
LCSD 880-47271/3-A	Lab Control Sample Dup	92	86
MB 880-47271/1-A	Method Blank	156 S1+	154 S1+
Surrogate Legend			
1CO = 1-Chlorooctane			
OTPH = o-Terphenyl			

QC Sample Results

Client: NT Global
Project/Site: Sheba Federal Com 305H #2

Job ID: 890-4173-1
SDG: Lea County NM

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-47355/5-A

Matrix: Solid

Analysis Batch: 47785

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 47355

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		02/27/23 16:32	03/03/23 21:04	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/27/23 16:32	03/03/23 21:04	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/27/23 16:32	03/03/23 21:04	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		02/27/23 16:32	03/03/23 21:04	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		02/27/23 16:32	03/03/23 21:04	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/27/23 16:32	03/03/23 21:04	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	65	S1-	70 - 130	02/27/23 16:32	03/03/23 21:04	1
1,4-Difluorobenzene (Surr)	94		70 - 130	02/27/23 16:32	03/03/23 21:04	1

Lab Sample ID: LCS 880-47355/1-A

Matrix: Solid

Analysis Batch: 47785

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 47355

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.1188		mg/Kg		119	70 - 130
Ethylbenzene	0.100	0.1033		mg/Kg		103	70 - 130
Toluene	0.100	0.1090		mg/Kg		109	70 - 130
m-Xylene & p-Xylene	0.200	0.2216		mg/Kg		111	70 - 130
o-Xylene	0.100	0.1005		mg/Kg		101	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	102		70 - 130
1,4-Difluorobenzene (Surr)	99		70 - 130

Lab Sample ID: LCSD 880-47355/2-A

Matrix: Solid

Analysis Batch: 47785

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 47355

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.1032		mg/Kg		103	70 - 130	14	35
Ethylbenzene	0.100	0.09705		mg/Kg		97	70 - 130	6	35
Toluene	0.100	0.1019		mg/Kg		102	70 - 130	7	35
m-Xylene & p-Xylene	0.200	0.2090		mg/Kg		105	70 - 130	6	35
o-Xylene	0.100	0.09374		mg/Kg		94	70 - 130	7	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	90		70 - 130
1,4-Difluorobenzene (Surr)	92		70 - 130

Lab Sample ID: 890-4173-1 MS

Matrix: Solid

Analysis Batch: 47785

Client Sample ID: CS-1 (3.5)

Prep Type: Total/NA

Prep Batch: 47355

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00202	U F1	0.100	0.08944		mg/Kg		89	70 - 130
Ethylbenzene	<0.00202	U F2 F1	0.100	0.07472		mg/Kg		74	70 - 130

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QC Sample Results

Client: NT Global

Job ID: 890-4173-1

Project/Site: Sheba Federal Com 305H #2

SDG: Lea County NM

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

Lab Sample ID: 890-4173-1 MS

Client Sample ID: CS-1 (3.5)

Matrix: Solid

Prep Type: Total/NA

Analysis Batch: 47785

Prep Batch: 47355

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Toluene	<0.00202	U F2 F1	0.100	0.08028		mg/Kg		80	70 - 130
m-Xylene & p-Xylene	<0.00403	U F2 F1	0.201	0.1577		mg/Kg		79	70 - 130
o-Xylene	<0.00202	U F2 F1	0.100	0.07096		mg/Kg		71	70 - 130
Surrogate	%Recovery	MS Qualifier	MS Limits						
4-Bromofluorobenzene (Surr)	86		70 - 130						
1,4-Difluorobenzene (Surr)	97		70 - 130						

Lab Sample ID: 890-4173-1 MSD

Client Sample ID: CS-1 (3.5)

Matrix: Solid

Prep Type: Total/NA

Analysis Batch: 47785

Prep Batch: 47355

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00202	U F1	0.0990	0.06446	F1	mg/Kg		65	70 - 130	32	35
Ethylbenzene	<0.00202	U F2 F1	0.0990	0.04068	F2 F1	mg/Kg		41	70 - 130	59	35
Toluene	<0.00202	U F2 F1	0.0990	0.04767	F2 F1	mg/Kg		48	70 - 130	51	35
m-Xylene & p-Xylene	<0.00403	U F2 F1	0.198	0.08556	F2 F1	mg/Kg		43	70 - 130	59	35
o-Xylene	<0.00202	U F2 F1	0.0990	0.04197	F2 F1	mg/Kg		42	70 - 130	51	35
Surrogate	%Recovery	MSD Qualifier	MSD Limits								
4-Bromofluorobenzene (Surr)	90		70 - 130								
1,4-Difluorobenzene (Surr)	98		70 - 130								

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

Lab Sample ID: MB 880-47271/1-A

Client Sample ID: Method Blank

Matrix: Solid

Prep Type: Total/NA

Analysis Batch: 47268

Prep Batch: 47271

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		02/27/23 08:17	02/27/23 08:47	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		02/27/23 08:17	02/27/23 08:47	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		02/27/23 08:17	02/27/23 08:47	1
Surrogate	%Recovery	MB Qualifier	MB Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	156	S1+	70 - 130				02/27/23 08:17	02/27/23 08:47	1
o-Terphenyl	154	S1+	70 - 130				02/27/23 08:17	02/27/23 08:47	1

Lab Sample ID: LCS 880-47271/2-A

Client Sample ID: Lab Control Sample

Matrix: Solid

Prep Type: Total/NA

Analysis Batch: 47268

Prep Batch: 47271

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	917.5		mg/Kg		92	70 - 130
Diesel Range Organics (Over C10-C28)	1000	1097		mg/Kg		110	70 - 130

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QC Sample Results

Client: NT Global
Project/Site: Sheba Federal Com 305H #2

Job ID: 890-4173-1
SDG: Lea County NM

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

Lab Sample ID: LCS 880-47271/2-A
Matrix: Solid
Analysis Batch: 47268

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 47271

	LCS	LCS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	103		70 - 130
o-Terphenyl	93		70 - 130

Lab Sample ID: LCSD 880-47271/3-A
Matrix: Solid
Analysis Batch: 47268

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 47271

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	917.6		mg/Kg		92	70 - 130	0	20
Diesel Range Organics (Over C10-C28)			1000	999.4		mg/Kg		100	70 - 130	9	20

	LCSD	LCSD	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	92		70 - 130
o-Terphenyl	86		70 - 130

Lab Sample ID: 890-4173-1 MS
Matrix: Solid
Analysis Batch: 47268

Client Sample ID: CS-1 (3.5)
Prep Type: Total/NA
Prep Batch: 47271

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	999	952.8		mg/Kg		92	70 - 130		
Diesel Range Organics (Over C10-C28)	<49.9	U	999	737.9		mg/Kg		70	70 - 130		

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	103		70 - 130
o-Terphenyl	94		70 - 130

Lab Sample ID: 890-4173-1 MSD
Matrix: Solid
Analysis Batch: 47268

Client Sample ID: CS-1 (3.5)
Prep Type: Total/NA
Prep Batch: 47271

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	999	930.9		mg/Kg		90	70 - 130	2	20
Diesel Range Organics (Over C10-C28)	<49.9	U	999	736.9		mg/Kg		70	70 - 130	0	20

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	103		70 - 130
o-Terphenyl	93		70 - 130

Eurofins Carlsbad

QC Sample Results

Client: NT Global

Job ID: 890-4173-1

Project/Site: Sheba Federal Com 305H #2

SDG: Lea County NM

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-47346/1-A

Matrix: Solid

Analysis Batch: 47422

Client Sample ID: Method Blank

Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00		mg/Kg			02/28/23 08:26	1

Lab Sample ID: LCS 880-47346/2-A

Matrix: Solid

Analysis Batch: 47422

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	227.5		mg/Kg		91	90 - 110

Lab Sample ID: LCSD 880-47346/3-A

Matrix: Solid

Analysis Batch: 47422

Client Sample ID: Lab Control Sample Dup

Prep Type: Soluble

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	250	228.6		mg/Kg		91	90 - 110	0	20

Lab Sample ID: 890-4173-1 MS

Matrix: Solid

Analysis Batch: 47422

Client Sample ID: CS-1 (3.5)

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	24.4		250	265.3		mg/Kg		96	90 - 110

Lab Sample ID: 890-4173-1 MSD

Matrix: Solid

Analysis Batch: 47422

Client Sample ID: CS-1 (3.5)

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	24.4		250	266.2		mg/Kg		97	90 - 110	0	20

Lab Sample ID: 890-4173-11 MS

Matrix: Solid

Analysis Batch: 47422

Client Sample ID: CS-11 (3.5)

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	140		248	381.9		mg/Kg		98	90 - 110

Lab Sample ID: 890-4173-11 MSD

Matrix: Solid

Analysis Batch: 47422

Client Sample ID: CS-11 (3.5)

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	140		248	381.8		mg/Kg		98	90 - 110	0	20

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QC Association Summary

Client: NT Global

Job ID: 890-4173-1

Project/Site: Sheba Federal Com 305H #2

SDG: Lea County NM

GC VOA

Prep Batch: 47355

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-4173-1	CS-1 (3.5)	Total/NA	Solid	5035	
890-4173-2	CS-2 (3.5)	Total/NA	Solid	5035	
890-4173-3	CS-3 (3.5)	Total/NA	Solid	5035	
890-4173-4	CS-4 (3.5)	Total/NA	Solid	5035	
890-4173-5	CS-5 (3.5)	Total/NA	Solid	5035	
890-4173-6	CS-6 (3.5)	Total/NA	Solid	5035	
890-4173-7	CS-7 (3.5)	Total/NA	Solid	5035	
890-4173-8	CS-8 (3.5)	Total/NA	Solid	5035	
890-4173-9	CS-9 (3.5)	Total/NA	Solid	5035	
890-4173-10	CS-10 (3.5)	Total/NA	Solid	5035	
890-4173-11	CS-11 (3.5)	Total/NA	Solid	5035	
890-4173-12	CS-12 (3.5)	Total/NA	Solid	5035	
890-4173-13	CS-13 (3.5)	Total/NA	Solid	5035	
890-4173-14	CS-14 (3.5)	Total/NA	Solid	5035	
890-4173-15	CS-15 (3.5)	Total/NA	Solid	5035	
890-4173-16	CS-16 (3.5)	Total/NA	Solid	5035	
890-4173-17	SW-1 (0-3.5')	Total/NA	Solid	5035	
890-4173-18	SW-2 (0-3.5')	Total/NA	Solid	5035	
890-4173-19	SW-3 (0-3.5')	Total/NA	Solid	5035	
890-4173-20	SW-4 (0-3.5')	Total/NA	Solid	5035	
MB 880-47355/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-47355/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-47355/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-4173-1 MS	CS-1 (3.5)	Total/NA	Solid	5035	
890-4173-1 MSD	CS-1 (3.5)	Total/NA	Solid	5035	

Analysis Batch: 47785

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-4173-1	CS-1 (3.5)	Total/NA	Solid	8021B	47355
890-4173-2	CS-2 (3.5)	Total/NA	Solid	8021B	47355
890-4173-3	CS-3 (3.5)	Total/NA	Solid	8021B	47355
890-4173-4	CS-4 (3.5)	Total/NA	Solid	8021B	47355
890-4173-5	CS-5 (3.5)	Total/NA	Solid	8021B	47355
890-4173-6	CS-6 (3.5)	Total/NA	Solid	8021B	47355
890-4173-7	CS-7 (3.5)	Total/NA	Solid	8021B	47355
890-4173-8	CS-8 (3.5)	Total/NA	Solid	8021B	47355
890-4173-9	CS-9 (3.5)	Total/NA	Solid	8021B	47355
890-4173-10	CS-10 (3.5)	Total/NA	Solid	8021B	47355
890-4173-11	CS-11 (3.5)	Total/NA	Solid	8021B	47355
890-4173-12	CS-12 (3.5)	Total/NA	Solid	8021B	47355
890-4173-13	CS-13 (3.5)	Total/NA	Solid	8021B	47355
890-4173-14	CS-14 (3.5)	Total/NA	Solid	8021B	47355
890-4173-15	CS-15 (3.5)	Total/NA	Solid	8021B	47355
890-4173-16	CS-16 (3.5)	Total/NA	Solid	8021B	47355
890-4173-17	SW-1 (0-3.5')	Total/NA	Solid	8021B	47355
890-4173-18	SW-2 (0-3.5')	Total/NA	Solid	8021B	47355
890-4173-19	SW-3 (0-3.5')	Total/NA	Solid	8021B	47355
890-4173-20	SW-4 (0-3.5')	Total/NA	Solid	8021B	47355
MB 880-47355/5-A	Method Blank	Total/NA	Solid	8021B	47355
LCS 880-47355/1-A	Lab Control Sample	Total/NA	Solid	8021B	47355
LCSD 880-47355/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	47355

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QC Association Summary

Client: NT Global

Job ID: 890-4173-1

Project/Site: Sheba Federal Com 305H #2

SDG: Lea County NM

GC VOA (Continued)

Analysis Batch: 47785 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-4173-1 MS	CS-1 (3.5)	Total/NA	Solid	8021B	47355
890-4173-1 MSD	CS-1 (3.5)	Total/NA	Solid	8021B	47355

Analysis Batch: 47953

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-4173-1	CS-1 (3.5)	Total/NA	Solid	Total BTEX	
890-4173-2	CS-2 (3.5)	Total/NA	Solid	Total BTEX	
890-4173-3	CS-3 (3.5)	Total/NA	Solid	Total BTEX	
890-4173-4	CS-4 (3.5)	Total/NA	Solid	Total BTEX	
890-4173-5	CS-5 (3.5)	Total/NA	Solid	Total BTEX	
890-4173-6	CS-6 (3.5)	Total/NA	Solid	Total BTEX	
890-4173-7	CS-7 (3.5)	Total/NA	Solid	Total BTEX	
890-4173-8	CS-8 (3.5)	Total/NA	Solid	Total BTEX	
890-4173-9	CS-9 (3.5)	Total/NA	Solid	Total BTEX	
890-4173-10	CS-10 (3.5)	Total/NA	Solid	Total BTEX	
890-4173-11	CS-11 (3.5)	Total/NA	Solid	Total BTEX	
890-4173-12	CS-12 (3.5)	Total/NA	Solid	Total BTEX	
890-4173-13	CS-13 (3.5)	Total/NA	Solid	Total BTEX	
890-4173-14	CS-14 (3.5)	Total/NA	Solid	Total BTEX	
890-4173-15	CS-15 (3.5)	Total/NA	Solid	Total BTEX	
890-4173-16	CS-16 (3.5)	Total/NA	Solid	Total BTEX	
890-4173-17	SW-1 (0-3.5')	Total/NA	Solid	Total BTEX	
890-4173-18	SW-2 (0-3.5')	Total/NA	Solid	Total BTEX	
890-4173-19	SW-3 (0-3.5')	Total/NA	Solid	Total BTEX	
890-4173-20	SW-4 (0-3.5')	Total/NA	Solid	Total BTEX	

GC Semi VOA

Analysis Batch: 47268

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-4173-1	CS-1 (3.5)	Total/NA	Solid	8015B NM	47271
890-4173-2	CS-2 (3.5)	Total/NA	Solid	8015B NM	47271
890-4173-3	CS-3 (3.5)	Total/NA	Solid	8015B NM	47271
890-4173-4	CS-4 (3.5)	Total/NA	Solid	8015B NM	47271
890-4173-5	CS-5 (3.5)	Total/NA	Solid	8015B NM	47271
890-4173-6	CS-6 (3.5)	Total/NA	Solid	8015B NM	47271
890-4173-7	CS-7 (3.5)	Total/NA	Solid	8015B NM	47271
890-4173-8	CS-8 (3.5)	Total/NA	Solid	8015B NM	47271
890-4173-9	CS-9 (3.5)	Total/NA	Solid	8015B NM	47271
890-4173-10	CS-10 (3.5)	Total/NA	Solid	8015B NM	47271
890-4173-11	CS-11 (3.5)	Total/NA	Solid	8015B NM	47271
890-4173-12	CS-12 (3.5)	Total/NA	Solid	8015B NM	47271
890-4173-13	CS-13 (3.5)	Total/NA	Solid	8015B NM	47271
890-4173-14	CS-14 (3.5)	Total/NA	Solid	8015B NM	47271
890-4173-15	CS-15 (3.5)	Total/NA	Solid	8015B NM	47271
890-4173-16	CS-16 (3.5)	Total/NA	Solid	8015B NM	47271
890-4173-17	SW-1 (0-3.5')	Total/NA	Solid	8015B NM	47271
890-4173-18	SW-2 (0-3.5')	Total/NA	Solid	8015B NM	47271
890-4173-19	SW-3 (0-3.5')	Total/NA	Solid	8015B NM	47271
890-4173-20	SW-4 (0-3.5')	Total/NA	Solid	8015B NM	47271
MB 880-47271/1-A	Method Blank	Total/NA	Solid	8015B NM	47271

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QC Association Summary

Client: NT Global
Project/Site: Sheba Federal Com 305H #2

Job ID: 890-4173-1
SDG: Lea County NM

GC Semi VOA (Continued)

Analysis Batch: 47268 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 880-47271/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	47271
LCSD 880-47271/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	47271
890-4173-1 MS	CS-1 (3.5)	Total/NA	Solid	8015B NM	47271
890-4173-1 MSD	CS-1 (3.5)	Total/NA	Solid	8015B NM	47271

Prep Batch: 47271

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-4173-1	CS-1 (3.5)	Total/NA	Solid	8015NM Prep	
890-4173-2	CS-2 (3.5)	Total/NA	Solid	8015NM Prep	
890-4173-3	CS-3 (3.5)	Total/NA	Solid	8015NM Prep	
890-4173-4	CS-4 (3.5)	Total/NA	Solid	8015NM Prep	
890-4173-5	CS-5 (3.5)	Total/NA	Solid	8015NM Prep	
890-4173-6	CS-6 (3.5)	Total/NA	Solid	8015NM Prep	
890-4173-7	CS-7 (3.5)	Total/NA	Solid	8015NM Prep	
890-4173-8	CS-8 (3.5)	Total/NA	Solid	8015NM Prep	
890-4173-9	CS-9 (3.5)	Total/NA	Solid	8015NM Prep	
890-4173-10	CS-10 (3.5)	Total/NA	Solid	8015NM Prep	
890-4173-11	CS-11 (3.5)	Total/NA	Solid	8015NM Prep	
890-4173-12	CS-12 (3.5)	Total/NA	Solid	8015NM Prep	
890-4173-13	CS-13 (3.5)	Total/NA	Solid	8015NM Prep	
890-4173-14	CS-14 (3.5)	Total/NA	Solid	8015NM Prep	
890-4173-15	CS-15 (3.5)	Total/NA	Solid	8015NM Prep	
890-4173-16	CS-16 (3.5)	Total/NA	Solid	8015NM Prep	
890-4173-17	SW-1 (0-3.5')	Total/NA	Solid	8015NM Prep	
890-4173-18	SW-2 (0-3.5')	Total/NA	Solid	8015NM Prep	
890-4173-19	SW-3 (0-3.5')	Total/NA	Solid	8015NM Prep	
890-4173-20	SW-4 (0-3.5')	Total/NA	Solid	8015NM Prep	
MB 880-47271/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-47271/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-47271/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-4173-1 MS	CS-1 (3.5)	Total/NA	Solid	8015NM Prep	
890-4173-1 MSD	CS-1 (3.5)	Total/NA	Solid	8015NM Prep	

Analysis Batch: 47410

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-4173-1	CS-1 (3.5)	Total/NA	Solid	8015 NM	
890-4173-2	CS-2 (3.5)	Total/NA	Solid	8015 NM	
890-4173-3	CS-3 (3.5)	Total/NA	Solid	8015 NM	
890-4173-4	CS-4 (3.5)	Total/NA	Solid	8015 NM	
890-4173-5	CS-5 (3.5)	Total/NA	Solid	8015 NM	
890-4173-6	CS-6 (3.5)	Total/NA	Solid	8015 NM	
890-4173-7	CS-7 (3.5)	Total/NA	Solid	8015 NM	
890-4173-8	CS-8 (3.5)	Total/NA	Solid	8015 NM	
890-4173-9	CS-9 (3.5)	Total/NA	Solid	8015 NM	
890-4173-10	CS-10 (3.5)	Total/NA	Solid	8015 NM	
890-4173-11	CS-11 (3.5)	Total/NA	Solid	8015 NM	
890-4173-12	CS-12 (3.5)	Total/NA	Solid	8015 NM	
890-4173-13	CS-13 (3.5)	Total/NA	Solid	8015 NM	
890-4173-14	CS-14 (3.5)	Total/NA	Solid	8015 NM	
890-4173-15	CS-15 (3.5)	Total/NA	Solid	8015 NM	
890-4173-16	CS-16 (3.5)	Total/NA	Solid	8015 NM	

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QC Association Summary

Client: NT Global
Project/Site: Sheba Federal Com 305H #2

Job ID: 890-4173-1
SDG: Lea County NM

GC Semi VOA (Continued)

Analysis Batch: 47410 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-4173-17	SW-1 (0-3.5')	Total/NA	Solid	8015 NM	
890-4173-18	SW-2 (0-3.5')	Total/NA	Solid	8015 NM	
890-4173-19	SW-3 (0-3.5')	Total/NA	Solid	8015 NM	
890-4173-20	SW-4 (0-3.5')	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 47346

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-4173-1	CS-1 (3.5)	Soluble	Solid	DI Leach	
890-4173-2	CS-2 (3.5)	Soluble	Solid	DI Leach	
890-4173-3	CS-3 (3.5)	Soluble	Solid	DI Leach	
890-4173-4	CS-4 (3.5)	Soluble	Solid	DI Leach	
890-4173-5	CS-5 (3.5)	Soluble	Solid	DI Leach	
890-4173-6	CS-6 (3.5)	Soluble	Solid	DI Leach	
890-4173-7	CS-7 (3.5)	Soluble	Solid	DI Leach	
890-4173-8	CS-8 (3.5)	Soluble	Solid	DI Leach	
890-4173-9	CS-9 (3.5)	Soluble	Solid	DI Leach	
890-4173-10	CS-10 (3.5)	Soluble	Solid	DI Leach	
890-4173-11	CS-11 (3.5)	Soluble	Solid	DI Leach	
890-4173-12	CS-12 (3.5)	Soluble	Solid	DI Leach	
890-4173-13	CS-13 (3.5)	Soluble	Solid	DI Leach	
890-4173-14	CS-14 (3.5)	Soluble	Solid	DI Leach	
890-4173-15	CS-15 (3.5)	Soluble	Solid	DI Leach	
890-4173-16	CS-16 (3.5)	Soluble	Solid	DI Leach	
890-4173-17	SW-1 (0-3.5')	Soluble	Solid	DI Leach	
890-4173-18	SW-2 (0-3.5')	Soluble	Solid	DI Leach	
890-4173-19	SW-3 (0-3.5')	Soluble	Solid	DI Leach	
890-4173-20	SW-4 (0-3.5')	Soluble	Solid	DI Leach	
MB 880-47346/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-47346/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-47346/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
890-4173-1 MS	CS-1 (3.5)	Soluble	Solid	DI Leach	
890-4173-1 MSD	CS-1 (3.5)	Soluble	Solid	DI Leach	
890-4173-11 MS	CS-11 (3.5)	Soluble	Solid	DI Leach	
890-4173-11 MSD	CS-11 (3.5)	Soluble	Solid	DI Leach	

Analysis Batch: 47422

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-4173-1	CS-1 (3.5)	Soluble	Solid	300.0	47346
890-4173-2	CS-2 (3.5)	Soluble	Solid	300.0	47346
890-4173-3	CS-3 (3.5)	Soluble	Solid	300.0	47346
890-4173-4	CS-4 (3.5)	Soluble	Solid	300.0	47346
890-4173-5	CS-5 (3.5)	Soluble	Solid	300.0	47346
890-4173-6	CS-6 (3.5)	Soluble	Solid	300.0	47346
890-4173-7	CS-7 (3.5)	Soluble	Solid	300.0	47346
890-4173-8	CS-8 (3.5)	Soluble	Solid	300.0	47346
890-4173-9	CS-9 (3.5)	Soluble	Solid	300.0	47346
890-4173-10	CS-10 (3.5)	Soluble	Solid	300.0	47346
890-4173-11	CS-11 (3.5)	Soluble	Solid	300.0	47346
890-4173-12	CS-12 (3.5)	Soluble	Solid	300.0	47346

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QC Association Summary

Client: NT Global

Job ID: 890-4173-1

Project/Site: Sheba Federal Com 305H #2

SDG: Lea County NM

HPLC/IC (Continued)

Analysis Batch: 47422 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-4173-13	CS-13 (3.5)	Soluble	Solid	300.0	47346
890-4173-14	CS-14 (3.5)	Soluble	Solid	300.0	47346
890-4173-15	CS-15 (3.5)	Soluble	Solid	300.0	47346
890-4173-16	CS-16 (3.5)	Soluble	Solid	300.0	47346
890-4173-17	SW-1 (0-3.5')	Soluble	Solid	300.0	47346
890-4173-18	SW-2 (0-3.5')	Soluble	Solid	300.0	47346
890-4173-19	SW-3 (0-3.5')	Soluble	Solid	300.0	47346
890-4173-20	SW-4 (0-3.5')	Soluble	Solid	300.0	47346
MB 880-47346/1-A	Method Blank	Soluble	Solid	300.0	47346
LCS 880-47346/2-A	Lab Control Sample	Soluble	Solid	300.0	47346
LCSD 880-47346/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	47346
890-4173-1 MS	CS-1 (3.5)	Soluble	Solid	300.0	47346
890-4173-1 MSD	CS-1 (3.5)	Soluble	Solid	300.0	47346
890-4173-11 MS	CS-11 (3.5)	Soluble	Solid	300.0	47346
890-4173-11 MSD	CS-11 (3.5)	Soluble	Solid	300.0	47346

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Lab Chronicle

Client: NT Global

Project/Site: Sheba Federal Com 305H #2

Job ID: 890-4173-1

SDG: Lea County NM

Client Sample ID: CS-1 (3.5)

Lab Sample ID: 890-4173-1

Date Collected: 02/22/23 00:00

Matrix: Solid

Date Received: 02/22/23 13:54

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	47355	02/27/23 16:32	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	47785	03/03/23 21:30	AJ	EET MID
Total/NA	Analysis	Total BTEX		1			47953	03/06/23 14:55	AJ	EET MID
Total/NA	Analysis	8015 NM		1			47410	02/28/23 10:23	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	47271	02/27/23 08:17	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	47268	02/27/23 11:24	SM	EET MID
Soluble	Leach	DI Leach			5 g	50 mL	47346	02/27/23 15:42	KS	EET MID
Soluble	Analysis	300.0		1			47422	02/28/23 08:44	CH	EET MID

Client Sample ID: CS-2 (3.5)

Lab Sample ID: 890-4173-2

Date Collected: 02/22/23 00:00

Matrix: Solid

Date Received: 02/22/23 13:54

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	47355	02/27/23 16:32	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	47785	03/03/23 21:56	AJ	EET MID
Total/NA	Analysis	Total BTEX		1			47953	03/06/23 14:55	AJ	EET MID
Total/NA	Analysis	8015 NM		1			47410	02/28/23 10:23	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	47271	02/27/23 08:17	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	47268	02/27/23 12:29	SM	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	47346	02/27/23 15:42	KS	EET MID
Soluble	Analysis	300.0		1			47422	02/28/23 09:03	CH	EET MID

Client Sample ID: CS-3 (3.5)

Lab Sample ID: 890-4173-3

Date Collected: 02/22/23 00:00

Matrix: Solid

Date Received: 02/22/23 13:54

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	47355	02/27/23 16:32	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	47785	03/03/23 22:21	AJ	EET MID
Total/NA	Analysis	Total BTEX		1			47953	03/06/23 14:55	AJ	EET MID
Total/NA	Analysis	8015 NM		1			47410	02/28/23 10:23	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	47271	02/27/23 08:17	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	47268	02/27/23 12:50	SM	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	47346	02/27/23 15:42	KS	EET MID
Soluble	Analysis	300.0		1			47422	02/28/23 09:09	CH	EET MID

Client Sample ID: CS-4 (3.5)

Lab Sample ID: 890-4173-4

Date Collected: 02/22/23 00:00

Matrix: Solid

Date Received: 02/22/23 13:54

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	47355	02/27/23 16:32	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	47785	03/03/23 22:47	AJ	EET MID
Total/NA	Analysis	Total BTEX		1			47953	03/06/23 14:55	AJ	EET MID

Eurofins Carlsbad

Lab Chronicle

Client: NT Global
Project/Site: Sheba Federal Com 305H #2

Job ID: 890-4173-1
SDG: Lea County NM

Client Sample ID: CS-4 (3.5)

Lab Sample ID: 890-4173-4

Date Collected: 02/22/23 00:00

Matrix: Solid

Date Received: 02/22/23 13:54

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			47410	02/28/23 10:23	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	47271	02/27/23 08:17	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	47268	02/27/23 13:11	SM	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	47346	02/27/23 15:42	KS	EET MID
Soluble	Analysis	300.0		1			47422	02/28/23 09:15	CH	EET MID

Client Sample ID: CS-5 (3.5)

Lab Sample ID: 890-4173-5

Date Collected: 02/22/23 00:00

Matrix: Solid

Date Received: 02/22/23 13:54

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	47355	02/27/23 16:32	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	47785	03/03/23 23:13	AJ	EET MID
Total/NA	Analysis	Total BTEX		1			47953	03/06/23 14:55	AJ	EET MID
Total/NA	Analysis	8015 NM		1			47410	02/28/23 10:23	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	47271	02/27/23 08:17	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	47268	02/27/23 13:32	SM	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	47346	02/27/23 15:42	KS	EET MID
Soluble	Analysis	300.0		1			47422	02/28/23 09:21	CH	EET MID

Client Sample ID: CS-6 (3.5)

Lab Sample ID: 890-4173-6

Date Collected: 02/22/23 00:00

Matrix: Solid

Date Received: 02/22/23 13:54

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	47355	02/27/23 16:32	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	47785	03/03/23 23:39	AJ	EET MID
Total/NA	Analysis	Total BTEX		1			47953	03/06/23 14:55	AJ	EET MID
Total/NA	Analysis	8015 NM		1			47410	02/28/23 10:23	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	47271	02/27/23 08:17	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	47268	02/27/23 13:53	SM	EET MID
Soluble	Leach	DI Leach			5 g	50 mL	47346	02/27/23 15:42	KS	EET MID
Soluble	Analysis	300.0		1			47422	02/28/23 09:40	CH	EET MID

Client Sample ID: CS-7 (3.5)

Lab Sample ID: 890-4173-7

Date Collected: 02/22/23 00:00

Matrix: Solid

Date Received: 02/22/23 13:54

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	47355	02/27/23 16:32	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	47785	03/04/23 00:04	AJ	EET MID
Total/NA	Analysis	Total BTEX		1			47953	03/06/23 14:55	AJ	EET MID
Total/NA	Analysis	8015 NM		1			47410	02/28/23 10:23	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	47271	02/27/23 08:17	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	47268	02/27/23 14:14	SM	EET MID

Eurofins Carlsbad

Lab Chronicle

Client: NT Global
Project/Site: Sheba Federal Com 305H #2

Job ID: 890-4173-1
SDG: Lea County NM

Client Sample ID: CS-7 (3.5)

Lab Sample ID: 890-4173-7

Date Collected: 02/22/23 00:00

Matrix: Solid

Date Received: 02/22/23 13:54

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	47346	02/27/23 15:42	KS	EET MID
Soluble	Analysis	300.0		1			47422	02/28/23 09:46	CH	EET MID

Client Sample ID: CS-8 (3.5)

Lab Sample ID: 890-4173-8

Date Collected: 02/22/23 00:00

Matrix: Solid

Date Received: 02/22/23 13:54

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	47355	02/27/23 16:32	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	47785	03/04/23 00:31	AJ	EET MID
Total/NA	Analysis	Total BTEX		1			47953	03/06/23 14:55	AJ	EET MID
Total/NA	Analysis	8015 NM		1			47410	02/28/23 10:23	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	47271	02/27/23 08:17	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	47268	02/27/23 14:34	SM	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	47346	02/27/23 15:42	KS	EET MID
Soluble	Analysis	300.0		1			47422	02/28/23 09:52	CH	EET MID

Client Sample ID: CS-9 (3.5)

Lab Sample ID: 890-4173-9

Date Collected: 02/22/23 00:00

Matrix: Solid

Date Received: 02/22/23 13:54

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	47355	02/27/23 16:32	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	47785	03/04/23 00:57	AJ	EET MID
Total/NA	Analysis	Total BTEX		1			47953	03/06/23 14:55	AJ	EET MID
Total/NA	Analysis	8015 NM		1			47410	02/28/23 10:23	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	47271	02/27/23 08:17	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	47268	02/27/23 14:56	SM	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	47346	02/27/23 15:42	KS	EET MID
Soluble	Analysis	300.0		1			47422	02/28/23 09:59	CH	EET MID

Client Sample ID: CS-10 (3.5)

Lab Sample ID: 890-4173-10

Date Collected: 02/22/23 00:00

Matrix: Solid

Date Received: 02/22/23 13:54

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	47355	02/27/23 16:32	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	47785	03/04/23 01:23	AJ	EET MID
Total/NA	Analysis	Total BTEX		1			47953	03/06/23 14:55	AJ	EET MID
Total/NA	Analysis	8015 NM		1			47410	02/28/23 10:23	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	47271	02/27/23 08:17	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	47268	02/27/23 15:17	SM	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	47346	02/27/23 15:42	KS	EET MID
Soluble	Analysis	300.0		1			47422	02/28/23 10:05	CH	EET MID

Eurofins Carlsbad

Lab Chronicle

Client: NT Global
Project/Site: Sheba Federal Com 305H #2

Job ID: 890-4173-1
SDG: Lea County NM

Client Sample ID: CS-11 (3.5)

Lab Sample ID: 890-4173-11

Date Collected: 02/22/23 00:00

Matrix: Solid

Date Received: 02/22/23 13:54

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	47355	02/27/23 16:32	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	47785	03/04/23 03:07	AJ	EET MID
Total/NA	Analysis	Total BTEX		1			47953	03/06/23 14:55	AJ	EET MID
Total/NA	Analysis	8015 NM		1			47410	02/28/23 10:23	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	47271	02/27/23 08:17	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	47268	02/27/23 16:00	SM	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	47346	02/27/23 15:42	KS	EET MID
Soluble	Analysis	300.0		1			47422	02/28/23 10:11	CH	EET MID

Client Sample ID: CS-12 (3.5)

Lab Sample ID: 890-4173-12

Date Collected: 02/22/23 00:00

Matrix: Solid

Date Received: 02/22/23 13:54

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	47355	02/27/23 16:32	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	47785	03/04/23 03:33	AJ	EET MID
Total/NA	Analysis	Total BTEX		1			47953	03/06/23 14:55	AJ	EET MID
Total/NA	Analysis	8015 NM		1			47410	02/28/23 10:23	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	47271	02/27/23 08:17	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	47268	02/27/23 16:22	SM	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	47346	02/27/23 15:42	KS	EET MID
Soluble	Analysis	300.0		1			47422	02/28/23 10:29	CH	EET MID

Client Sample ID: CS-13 (3.5)

Lab Sample ID: 890-4173-13

Date Collected: 02/22/23 00:00

Matrix: Solid

Date Received: 02/22/23 13:54

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	47355	02/27/23 16:32	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	47785	03/04/23 03:59	AJ	EET MID
Total/NA	Analysis	Total BTEX		1			47953	03/06/23 14:55	AJ	EET MID
Total/NA	Analysis	8015 NM		1			47410	02/28/23 10:23	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	47271	02/27/23 08:17	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	47268	02/27/23 16:44	SM	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	47346	02/27/23 15:42	KS	EET MID
Soluble	Analysis	300.0		1			47422	02/28/23 10:45	CH	EET MID

Client Sample ID: CS-14 (3.5)

Lab Sample ID: 890-4173-14

Date Collected: 02/22/23 00:00

Matrix: Solid

Date Received: 02/22/23 13:54

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	47355	02/27/23 16:32	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	47785	03/04/23 04:26	AJ	EET MID
Total/NA	Analysis	Total BTEX		1			47953	03/06/23 14:55	AJ	EET MID

Eurofins Carlsbad

Lab Chronicle

Client: NT Global
Project/Site: Sheba Federal Com 305H #2

Job ID: 890-4173-1
SDG: Lea County NM

Client Sample ID: CS-14 (3.5)

Lab Sample ID: 890-4173-14

Date Collected: 02/22/23 00:00

Matrix: Solid

Date Received: 02/22/23 13:54

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			47410	02/28/23 10:23	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	47271	02/27/23 08:17	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	47268	02/27/23 17:05	SM	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	47346	02/27/23 15:42	KS	EET MID
Soluble	Analysis	300.0		1			47422	02/28/23 11:10	CH	EET MID

Client Sample ID: CS-15 (3.5)

Lab Sample ID: 890-4173-15

Date Collected: 02/22/23 00:00

Matrix: Solid

Date Received: 02/22/23 13:54

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	47355	02/27/23 16:32	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	47785	03/04/23 04:51	AJ	EET MID
Total/NA	Analysis	Total BTEX		1			47953	03/06/23 14:55	AJ	EET MID
Total/NA	Analysis	8015 NM		1			47410	02/28/23 10:23	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	47271	02/27/23 08:17	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	47268	02/27/23 17:26	SM	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	47346	02/27/23 15:42	KS	EET MID
Soluble	Analysis	300.0		1			47422	02/28/23 11:16	CH	EET MID

Client Sample ID: CS-16 (3.5)

Lab Sample ID: 890-4173-16

Date Collected: 02/22/23 00:00

Matrix: Solid

Date Received: 02/22/23 13:54

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	47355	02/27/23 16:32	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	47785	03/04/23 05:17	AJ	EET MID
Total/NA	Analysis	Total BTEX		1			47953	03/06/23 14:55	AJ	EET MID
Total/NA	Analysis	8015 NM		1			47410	02/28/23 10:23	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	47271	02/27/23 08:17	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	47268	02/27/23 17:48	SM	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	47346	02/27/23 15:42	KS	EET MID
Soluble	Analysis	300.0		1			47422	02/28/23 11:26	CH	EET MID

Client Sample ID: SW-1 (0-3.5')

Lab Sample ID: 890-4173-17

Date Collected: 02/22/23 00:00

Matrix: Solid

Date Received: 02/22/23 13:54

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	47355	02/27/23 16:32	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	47785	03/04/23 05:44	AJ	EET MID
Total/NA	Analysis	Total BTEX		1			47953	03/06/23 14:55	AJ	EET MID
Total/NA	Analysis	8015 NM		1			47410	02/28/23 10:23	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	47271	02/27/23 08:17	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	47268	02/27/23 18:09	SM	EET MID

Eurofins Carlsbad

Lab Chronicle

Client: NT Global
Project/Site: Sheba Federal Com 305H #2

Job ID: 890-4173-1
SDG: Lea County NM

Client Sample ID: SW-1 (0-3.5')

Lab Sample ID: 890-4173-17

Date Collected: 02/22/23 00:00

Matrix: Solid

Date Received: 02/22/23 13:54

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			4.98 g	50 mL	47346	02/27/23 15:42	KS	EET MID
Soluble	Analysis	300.0		1			47422	02/28/23 11:33	CH	EET MID

Client Sample ID: SW-2 (0-3.5')

Lab Sample ID: 890-4173-18

Date Collected: 02/22/23 00:00

Matrix: Solid

Date Received: 02/22/23 13:54

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	47355	02/27/23 16:32	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	47785	03/04/23 06:10	AJ	EET MID
Total/NA	Analysis	Total BTEX		1			47953	03/06/23 14:55	AJ	EET MID
Total/NA	Analysis	8015 NM		1			47410	02/28/23 10:23	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	47271	02/27/23 08:17	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	47268	02/27/23 18:31	SM	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	47346	02/27/23 15:42	KS	EET MID
Soluble	Analysis	300.0		1			47422	02/28/23 11:40	CH	EET MID

Client Sample ID: SW-3 (0-3.5')

Lab Sample ID: 890-4173-19

Date Collected: 02/22/23 00:00

Matrix: Solid

Date Received: 02/22/23 13:54

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	47355	02/27/23 16:32	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	47785	03/04/23 06:37	AJ	EET MID
Total/NA	Analysis	Total BTEX		1			47953	03/06/23 14:55	AJ	EET MID
Total/NA	Analysis	8015 NM		1			47410	02/28/23 10:23	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	47271	02/27/23 08:17	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	47268	02/27/23 18:52	SM	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	47346	02/27/23 15:42	KS	EET MID
Soluble	Analysis	300.0		1			47422	02/28/23 11:46	CH	EET MID

Client Sample ID: SW-4 (0-3.5')

Lab Sample ID: 890-4173-20

Date Collected: 02/22/23 00:00

Matrix: Solid

Date Received: 02/22/23 13:54

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	47355	02/27/23 16:32	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	47785	03/04/23 07:04	AJ	EET MID
Total/NA	Analysis	Total BTEX		1			47953	03/06/23 14:55	AJ	EET MID
Total/NA	Analysis	8015 NM		1			47410	02/28/23 10:23	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	47271	02/27/23 08:17	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	47268	02/27/23 19:13	SM	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	47346	02/27/23 15:42	KS	EET MID
Soluble	Analysis	300.0		1			47422	02/28/23 11:52	CH	EET MID

Eurofins Carlsbad

Lab Chronicle

Client: NT Global
Project/Site: Sheba Federal Com 305H #2

Job ID: 890-4173-1
SDG: Lea County NM

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

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- 14

Accreditation/Certification Summary

Client: NT Global
Project/Site: Sheba Federal Com 305H #2

Job ID: 890-4173-1
SDG: Lea County NM

Laboratory: Eurofins Midland

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

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704400-22-25	06-30-23

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

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

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

Method Summary

Client: NT Global
Project/Site: Sheba Federal Com 305H #2

Job ID: 890-4173-1
SDG: Lea County NM

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

Protocol References:

- ASTM = ASTM International
- EPA = US Environmental Protection Agency
- SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.
- TAL SOP = TestAmerica Laboratories, Standard Operating Procedure

Laboratory References:

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

Sample Summary

Client: NT Global

Project/Site: Sheba Federal Com 305H #2

Job ID: 890-4173-1

SDG: Lea County NM

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
890-4173-1	CS-1 (3.5)	Solid	02/22/23 00:00	02/22/23 13:54
890-4173-2	CS-2 (3.5)	Solid	02/22/23 00:00	02/22/23 13:54
890-4173-3	CS-3 (3.5)	Solid	02/22/23 00:00	02/22/23 13:54
890-4173-4	CS-4 (3.5)	Solid	02/22/23 00:00	02/22/23 13:54
890-4173-5	CS-5 (3.5)	Solid	02/22/23 00:00	02/22/23 13:54
890-4173-6	CS-6 (3.5)	Solid	02/22/23 00:00	02/22/23 13:54
890-4173-7	CS-7 (3.5)	Solid	02/22/23 00:00	02/22/23 13:54
890-4173-8	CS-8 (3.5)	Solid	02/22/23 00:00	02/22/23 13:54
890-4173-9	CS-9 (3.5)	Solid	02/22/23 00:00	02/22/23 13:54
890-4173-10	CS-10 (3.5)	Solid	02/22/23 00:00	02/22/23 13:54
890-4173-11	CS-11 (3.5)	Solid	02/22/23 00:00	02/22/23 13:54
890-4173-12	CS-12 (3.5)	Solid	02/22/23 00:00	02/22/23 13:54
890-4173-13	CS-13 (3.5)	Solid	02/22/23 00:00	02/22/23 13:54
890-4173-14	CS-14 (3.5)	Solid	02/22/23 00:00	02/22/23 13:54
890-4173-15	CS-15 (3.5)	Solid	02/22/23 00:00	02/22/23 13:54
890-4173-16	CS-16 (3.5)	Solid	02/22/23 00:00	02/22/23 13:54
890-4173-17	SW-1 (0-3.5')	Solid	02/22/23 00:00	02/22/23 13:54
890-4173-18	SW-2 (0-3.5')	Solid	02/22/23 00:00	02/22/23 13:54
890-4173-19	SW-3 (0-3.5')	Solid	02/22/23 00:00	02/22/23 13:54
890-4173-20	SW-4 (0-3.5')	Solid	02/22/23 00:00	02/22/23 13:54



Chain of Custody

Work Order No: _____

Page 1 of 2

Project Manager:	Becky Haskell	Bill to: (if different)	Montgomery Floyd
Company Name:	NTG Environmental	Company Name:	Permian Resources
Address:	701 Tradewinds Blvd.	Address:	300 N. Marienfeld, Suite 1000
City, State ZIP:	Midland TX, 79701	City, State ZIP:	Midland TX, 79701
Phone:	432-766-1918	Email:	

Work Order Comments	
Program:	UST/PS ☐ PR ☐ Brownfie ☐ R ☐ Supe ☐
State of Project:	
Reporting:	Level ☐ Level ☐ PST/U ☐ TR ☐ L ☐
Deliverables:	EDD ☐ ADaPT ☐ Other:

Project Name:	Sheba Federal Com 305H #2		Turn Around		Pres. Code	ANALYSIS REQUEST												Preservative Codes						
Project Number:	236969		☒ Routine ☐ Rush			Parameters	 890-4173 Chain of Custody												None: NO DI Water: H ₂ O					
Project Location	Lea County, NM		Due Date:																Cool: Cool MeOH: Me					
Sampler's Name:	Kenny Han		TAT starts the day received by the lab, if received by 4:30pm																HCL: HC HNO ₃ : HN					
PO #:	58077																		H ₂ SO ₄ : H ₂ NaOH: Na					
SAMPLE RECEIPT		Temp Blank:	☒ Yes ☐ No	Wet Ice:	☒ Yes ☐ No														H ₃ PO ₄ : HP					
Received Intact:	☒ Yes ☐ No		Thermometer ID:		NaHSO ₄ : NABIS																			
Cooler Custody Seals:	Yes No ☒ N/A		Correction Factor:		Na ₂ S ₂ O ₃ : NaSO ₃																			
Sample Custody Seals:	Yes No ☒ N/A		Temperature Reading:		Zn Acetate+NaOH: Zn																			
Total Containers:	20		Corrected Temperature:		NaOH+Ascorbic Acid: SAPC																			
Sample Identification		Date	Time	Soil	Water	Grab/Comp	# of Cont	HOLD												Sample Comments				
CS-1 (3.5)		2/22/2023		x		comp	1	x	x	x														
CS-2 (3.5)		2/22/2023		x		comp	1	x	x	x														
CS-3 (3.5)		2/22/2023		x		comp	1	x	x	x														
CS-4 (3.5)		2/22/2023		x		comp	1	x	x	x														
CS-5 (3.5)		2/22/2023		x		comp	1	x	x	x														
CS-6 (3.5)		2/22/2023		x		comp	1	x	x	x														
CS-7 (3.5)		2/22/2023		x		comp	1	x	x	x														
CS-8 (3.5)		2/22/2023		x		comp	1	x	x	x														
CS-9 (3.5)		2/22/2023		x		comp	1	x	x	x														
CS-10 (3.5)		2/22/2023		x		comp	1	x	x	x														

Additional Comments:

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

Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1		2/22/23 1354			
3					
5					

Revised Date 05/10/2020 Rev. 2020.1



Chain of Custody

Work Order No: _____

Page 2 of 2

Project Manager:	Becky Haskell	Bill to: (if different)	Montgomery Floyd
Company Name:	NTG Environmental	Company Name:	Permian Resources
Address:	701 Tradewinds Blvd.	Address:	300 N. Marienfeld, Suite 1000
City, State ZIP:	Midland TX, 79701	City, State ZIP:	Midland TX, 79701
Phone:	432-766-1918	Email:	

Work Order Comments	
Program:	UST/PS ☐ PR ☐ Brownfie ☐ R ☐ Supe ☐
State of Project:	
Reporting:	Level ☐ Level ☐ PST/U ☐ TR ☐ Le ☐
Deliverables:	EDD ☐ ADaP ☐ Other:

Project Name:		Sheba Federal Com 305H #2		Turn Around				ANALYSIS REQUEST												Preservative Codes							
Project Number:		236969		☒ Routine ☐ Rush		Pres. Code														None: NO DI Water: H ₂ O							
Project Location		Lea County, NM		Due Date:																Cool: Cool MeOH: Me							
Sampler's Name:		Kenny Han		TAT starts the day received by the lab, if received by 4:30pm																HCL: HC HNO ₃ : HN							
PO #:		58077																		H ₂ SO ₄ : H ₂ NaOH: Na							
SAMPLE RECEIPT		Temp Blank:		Yes No		Wet Ice:		Yes No														H ₃ PO ₄ : HP					
Received Intact:		Yes No		Thermometer ID:																NaHSO ₄ : NABIS							
Cooler Custody Seals:		Yes No N/A		Correction Factor:																Na ₂ S ₂ O ₃ : NaSO ₃							
Sample Custody Seals:		Yes No N/A		Temperature Reading:																Zn Acetate+NaOH: Zn							
Total Containers:		20		Corrected Temperature:																NaOH+Ascorbic Acid: SAPC							
Sample Identification		Date		Time		Soil		Water		Grab/Comp		# of Cont														Sample Comments	
CS-11 (3.5)		2/22/2023				x				comp		1		x x x													
CS-12 (3.5)		2/22/2023				x				comp		1		x x x													
CS-13 (3.5)		2/22/2023				x				comp		1		x x x													
CS-14 (3.5)		2/22/2023				x				comp		1		x x x													
CS-15 (3.5)		2/22/2023				x				comp		1		x x x													
CS-16 (3.5) <i>KA 322</i>		2/22/2023				x				comp		1		x x x													
SW-1 (3.5) <i>0-3.5'</i>		2/22/2023				x				comp		1		x x x													
SW-2 (3.5) <i>0-3.5'</i>		2/22/2023				x				comp		1		x x x													
SW-3 (3.5) <i>0-3.5'</i>		2/22/2023				x				comp		1		x x x													
SW-4 (3.5) <i>0-3.5'</i>		2/22/2023				x				comp		1		x x x													

Additional Comments:

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

Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
<i>[Signature]</i>	<i>[Signature]</i>	2-22-23			

Revised Date 05/01/2020 Rev. 2020.1

Login Sample Receipt Checklist

Client: NT Global

Job Number: 890-4173-1

SDG Number: Lea County NM

Login Number: 4173

List Number: 1

Creator: Clifton, Cloe

List Source: Eurofins Carlsbad

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

Login Sample Receipt Checklist

Client: NT Global

Job Number: 890-4173-1

SDG Number: Lea County NM

Login Number: 4173

List Number: 2

Creator: Rodriguez, Leticia

List Source: Eurofins Midland

List Creation: 02/24/23 10:52 AM

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	



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

March 15, 2023

BECKY HASKELL

NTG ENVIRONMENTAL

701 TRADEWINDS BLVD. SUITE C

MIDLAND, TX 79706

RE: SHEBA FEDERAL COM 305H #2

Enclosed are the results of analyses for samples received by the laboratory on 03/09/23 15:15.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-22-15. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

Cardinal Laboratories is accredited through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2	Haloacetic Acids (HAA-5)
Method EPA 524.2	Total Trihalomethanes (TTHM)
Method EPA 524.4	Regulated VOCs (V1, V2, V3)

Accreditation applies to public drinking water matrices.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene". The signature is fluid and cursive, with the first name "Celey" and last name "Keene" clearly distinguishable.

Celey D. Keene

Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

NTG ENVIRONMENTAL
 BECKY HASKELL
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 03/09/2023
 Reported: 03/15/2023
 Project Name: SHEBA FEDERAL COM 305H #2
 Project Number: 236969
 Project Location: PERMIAN RESOURCES - LEA CO, NM

Sampling Date: 03/09/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SW - 5 (0-3.5) (H231100-01)

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/10/2023	ND	2.11	106	2.00	7.79	
Toluene*	<0.050	0.050	03/10/2023	ND	2.16	108	2.00	8.18	
Ethylbenzene*	<0.050	0.050	03/10/2023	ND	2.17	108	2.00	4.08	
Total Xylenes*	<0.150	0.150	03/10/2023	ND	6.76	113	6.00	3.26	
Total BTEX	<0.300	0.300	03/10/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 116 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	192	16.0	03/10/2023	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/10/2023	ND	166	83.2	200	7.70	
DRO >C10-C28*	<10.0	10.0	03/10/2023	ND	168	84.1	200	8.43	
EXT DRO >C28-C36	<10.0	10.0	03/10/2023	ND					

Surrogate: 1-Chlorooctane 89.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 92.8 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

NTG ENVIRONMENTAL
BECKY HASKELL
701 TRADEWINDS BLVD. SUITE C
MIDLAND TX, 79706
Fax To:

Received: 03/09/2023
Reported: 03/15/2023
Project Name: SHEBA FEDERAL COM 305H #2
Project Number: 236969
Project Location: PERMIAN RESOURCES - LEA CO, NM

Sampling Date: 03/09/2023
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: SW - 6 (0-3.5) (H231100-02)

BTX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/10/2023	ND	2.11	106	2.00	7.79	
Toluene*	<0.050	0.050	03/10/2023	ND	2.16	108	2.00	8.18	
Ethylbenzene*	<0.050	0.050	03/10/2023	ND	2.17	108	2.00	4.08	
Total Xylenes*	<0.150	0.150	03/10/2023	ND	6.76	113	6.00	3.26	
Total BTX	<0.300	0.300	03/10/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 122 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	288	16.0	03/10/2023	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/10/2023	ND	166	83.2	200	7.70	
DRO >C10-C28*	<10.0	10.0	03/10/2023	ND	168	84.1	200	8.43	
EXT DRO >C28-C36	<10.0	10.0	03/10/2023	ND					

Surrogate: 1-Chlorooctane 82.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 84.1 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Notes and Definitions

BS-3	Blank spike recovery outside of lab established statistical limits, but still within method limits. Data is not adversely affected.
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C Samples reported on an as received basis (wet) unless otherwise noted on report

Cardinal Laboratories

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A handwritten signature in black ink, appearing to read "Celey D. Keene".

Celey D. Keene, Lab Director/Quality Manager



Chain of Custody

Work Order No: H231100

Page 1 of 1

Page 5 of 5

Project Manager:	Becky Haskell	Bill to: (if different)	Montgomery Floyd
Company Name:	NTG Environmental	Company Name:	Permian Resources
Address:	701 Tradewinds Blvd.	Address:	300 N. Marienfeld, Suite 1000
City, State ZIP:	Midland TX, 79701	City, State ZIP:	Midland TX, 79701
Phone:	432-766-1918	Email:	

Work Order Comments				
Program:	UST/PS ☐	PR ☐	Brownfie ☐	Sup ☐
State of Project:				
Reporting:	Level ☐	Level ☐	PST/U ☐	TR ☐
Deliverables:	EDD ☐	ADaPT ☐	Other:	

[illegible]

Additional Comments:

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

These terms will be enforced unless previously negotiated. Relinquished by: (Signature) Received by: (Signature) Date/Time Relinquished by: (Signature) Received by: (Signature) Date/Time					
<i>Kelly</i>	<i>Monica Williams</i>	3-9-23 1515	2		
			4		
			6		

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 217538

CONDITIONS

Operator: Permian Resources Operating, LLC 1001 17th Street, Suite 1800 Denver, CO 80202	OGRID: 372165
	Action Number: 217538
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
nvelez	None	8/4/2023