April 24, 2026

New Mexico Oil Conservation Division
506 W. Texas Ave
Artesia, NM 88210

RE: **Junior Mint CTB - Closure Request Report**
Incident Number: nAPP2603461687
GPS: 32.136185°, -103.359261°
Lea County, New Mexico
ESRR Project No. VP-8885

To Whom It May Concern:

Earth Systems Response & Restoration (ESRR), on behalf of Civitas Resources (Civitas), presents the following Closure Request Report (CRR) detailing excavation activities and subsequent soil sampling events associated with an inadvertent release of produced water at the Junior Mint CTB (Site). Based on completed remedial actions and laboratory analytical results from recent soil sampling events, Civitas is requesting No Further Action (NFA) at the Site.

Site Location & Incident Description

The Site is located in Unit C, Section 15, Township 25 South, Range 35 East, in Lea County, New Mexico (32.136185°, -103.359261°) and is associated with oil and gas exploration and production operations on Private Land (**Figure 1**).

On February 3, 2026, a leak formed on a production tank, causing the release of approximately 22 barrels (bbls) of produced water within a lined secondary containment and onto the Civitas operated production pad surface. A vacuum truck was immediately dispatched to the Site and recovered 14 bbls of fluids.

Civitas gave notice to the New Mexico Oil Conservation Division (NMOCD) on February 3, 2026, by Notification of Release (NOR) and was subsequently assigned Incident Number nAPP2603461687. ESRR conducted initial site assessment activities and mapped the observed release footprint on February 6, 2026, hereafter referred to as the Area of Concern (AOC) (**Figure 2**). Upon review, it was determined that the Corrective Action Form C-141 (Form C-141) was inadvertently overlooked during the submission process. Civitas has since submitted the Form C-141 as of April 23, 2026.

A 48-hour Notification of Liner Inspection (Form C-141L) was submitted by Civitas, on February 9, 2026 for an inspection date of February 13, 2026.

Site Characterization

ESRR characterized the Site according to Table I, Closure Criteria for Soils Impacted by a Release, of Title 19, Chapter 15, Part 29, Section 12 (19.15.29.12) of the New Mexico Administrative Code (NMAC). The following proximities were estimated:

- Between 500 and 1,000 feet of any continuously flowing watercourse or any other significant watercourse;
- Between ½ and 1 mile of any lakebed, sinkhole or playa lake (measured from the ordinary high-water mark);
- Greater than 5 miles of any occupied permanent residence, school, hospital, institution or church;
- Between 1 and 5 miles of any spring or a private, domestic fresh water well used by less than five households for domestic or stock watering purposes;
- Between 1 and 5 miles of any other freshwater well or spring;
- Greater than 5 miles of any incorporated municipal boundary or a defined municipal fresh water well field covered under a municipal ordinance;
- Between 500 and 1,000 feet of any wetland;
- Greater than 5 miles of any subsurface mine;
- Between 500 and 1,000 feet of an unstable area (non-karst); and
- Greater than 5 miles of a 100-year floodplain.

Receptor details used to determine the Site characterization are included in **Figure 1A** and **Figure 1B**. **Referenced Well Record** for the closest depth to groundwater (DTW) well is attached.

Based on the results from the desktop review, and DTW estimated to be greater than 50 feet below ground surface (bgs), the following Closure Criteria was applied:

Constituents of Concern (COCs)	Closure Criteria‡
Chloride	10,000 milligram per kilogram (mg/kg)
Total Petroleum Hydrocarbon (TPH)	2,500 mg/kg
TPH (DRO) + TPH (GRO)	1,000 mg/kg
Benzene	10 mg/kg
Benzene, Toluene, Ethylbenzene, Total Xylenes (BTEX)	50 mg/kg

‡*The reclamation concentration requirements of 600 mg/kg Chloride and 100 mg/kg TPH apply to the top 4 feet of areas to be immediately reclaimed following remediation pursuant to NMAC 19.15.17.13.*
TPH= Gasoline Range Organics (GRO) + Diesel Range Organics (DRO) + Oil Range Organics (ORO)
Laboratory Analytical Methods used: Environmental Protection Agency (EPA) 300.0, EPA 8015 NM, EPA 8021 B

Liner Inspection

On February 13, 2025, ESRR conducted a thorough visual inspection of the LSC and found no tears, cracks, cuts, breaks, or other signs of damage within the LSC (**Figure 2**), confirming no evidence of a breach of the LSC. As a result, impacts to the production pad appear to have occurred due to windblown overspray of fluids from the LSC. **Photographic Documentation** of liner inspection activities is attached.

Delineation Activities

On February 18, 2026, ESRR conducted delineation activities to assess the presence or absence of residual soil impacts associated with the AOC. Seven delineation boreholes (HA-1 through HA-7) were advanced via hand auger within and surrounding the AOC. Delineation activities were driven by field screening soil for chloride utilizing QuanTab® test strips and for volatile organic compounds (VOCs) utilizing a calibrated photoionization detector (PID). A minimum of two soil samples were collected from each delineation borehole, representing the highest observed field screening concentrations and/or the greatest depth. Delineation soil samples were placed directly into lab-provided pre-cleaned jars, packed with minimal void space, labeled, and placed on ice. The delineation soil samples were transported under strict chain-of-custody procedures, to Eurofins in Carlsbad, New Mexico, for analysis of the COCs.

Laboratory analytical results for delineation soil samples (HA-2 through HA-7) within and surrounding the AOC were compliant with Site Closure Criteria and/or the reclamation standard defining the horizontal periphery of the AOC.

Laboratory analytical results for delineation soil sample (HA-1), collected within the AOC, indicated TPH (DRO) + TPH (GRO) was above the Site Closure Criteria and/or the reclamation standard up to 0.5 feet bgs. Elevated TPH (DRO) + TPH (GRO) was characterized by a concentration of 2,013 mg/kg. Laboratory analytical results are summarized in **Table 1**. The locations of all delineation soil samples are shown in **Figure 2**. **Photographic Documentation** of all activities are attached.

Remediation Activities

During March of 2025, Civitas oversaw a third-party contractor perform excavation activities of identified soil impacts via mechanical equipment based on laboratory analytical results associated with delineation soil sampling activities and visual observation. The excavation was vertically advanced to depths ranging from 0.25 feet to 1-foot bgs.

Following the removal of soil, ESRR collected 5-point composite soil samples at a sampling frequency of 200 square feet from the excavation floor (CS-1 through CS-20) and sidewalls (SW-1 through SW-3). The 5-point composite soil samples were comprised of five equivalent aliquots homogenized in a 1-quart resealable plastic bag. The confirmation soil samples were handled, labeled, transported, and analyzed as previously described.

Laboratory analytical results for confirmation soil sample (CS-16) indicated the TPH (DRO) + TPH (GRO) concentration exceeded the Site Closure Criteria. Elevated TPH (DRO) + TPH (GRO) is characterized by concentration of 1,030 mg/kg at 0.5 feet bgs.

Additional excavation in the proximity to confirmation soil sample (CS-16) was vertically advanced to an approximate depth of 1-foot bgs. Following the removal of soil, ESRR collected, handled, transported, and analyzed the confirmation soil sample as previously described.

Laboratory analytical results indicated that the concentration of COCs for all final confirmation soil samples were below the applicable Site Closure Criteria and/or the reclamation standard. Laboratory results are summarized in **Table 1**, included in the attachments. The locations of all final confirmation soil samples are shown in **Figure 3**.

Approximately 20 cubic yards (CY) of impacted soil was reported to have been removed from the Site and transported to the Northern Delaware Basin Disposal in Jal, New Mexico under Civitas approved manifests. Upon receipt of the final confirmation soil samples results, the excavation was backfilled with clean, locally sourced soil and the Site was restored to "*as close to its original state*" as possible. The final soil cover was contoured to match the Site's pre-existing grade to prevent ponding of water and erosion.

Closure Request

Based on laboratory analytical results, impacts associated with the inadvertent release have been delineated, excavated, and removed from the Site in accordance with Site Closure Criteria. Due to the active status of the well pad, the top 4 feet of the AOC is not ready to undergo complete reclamation in which the primary purpose is to reestablish vegetation. With depth to groundwater estimated to be greater than 50 feet bgs and no sensitive receptors within the established buffers in NMAC 19.15.29.12, Civitas believes residual TPH concentrations within the AOC exceeding the reclamation standard but below the Site Closure Criteria meets the requirements set forth in NMAC 19.15.29.13 regulations and is equally protective of human health, the environment, and groundwater.

Civitas will reassess the Site during P&A activities and/or major facility deconstruction, whichever comes first, and address soil concentrations above the reclamation requirements of 100 mg/kg for TPH and 600 mg/kg for chloride (**Figure 4**). The final remediation will be confirmed via final confirmation sampling and is subject to change. As such, NFA appears warranted at this time, and Civitas respectfully requests Closure of this CRR associated with Incident Number nAPP2603461687.

If you have any questions or comments, please do not hesitate to contact Gilbert Moreno at (832) 541-7719 or gmoreno@earthsys.net. **NMOCD Email Documentation and correspondence notifications** and **Executed chain-of-custody forms and laboratory analytical reports** are attached.

Sincerely,

EARTH SYSTEMS RESPONSE & RESTORATION

Gilbert Moreno
Carlsbad Operations Manager/ Project Geologist

Kris Williams, CHMM, REM
Principal

cc: Mason, Civitas Permian

Attachments:
- Figure 1 - Site Map
- Figure 1A - Groundwater
- Figure 1B - Karst Potential
- Figure 2 - Delineation Soil Sample Locations
- Figure 3 - Excavation Soil Sample Locations
- Figure 4 - Future Restoration Areas
- Referenced Well Record
- Photographic Documentation
- Table 1 - Soil Sample Analytical Results
- NMOCD Email Documentation & Correspondence
- Executed Chain-of-Custody Forms and Laboratory Analytical Reports

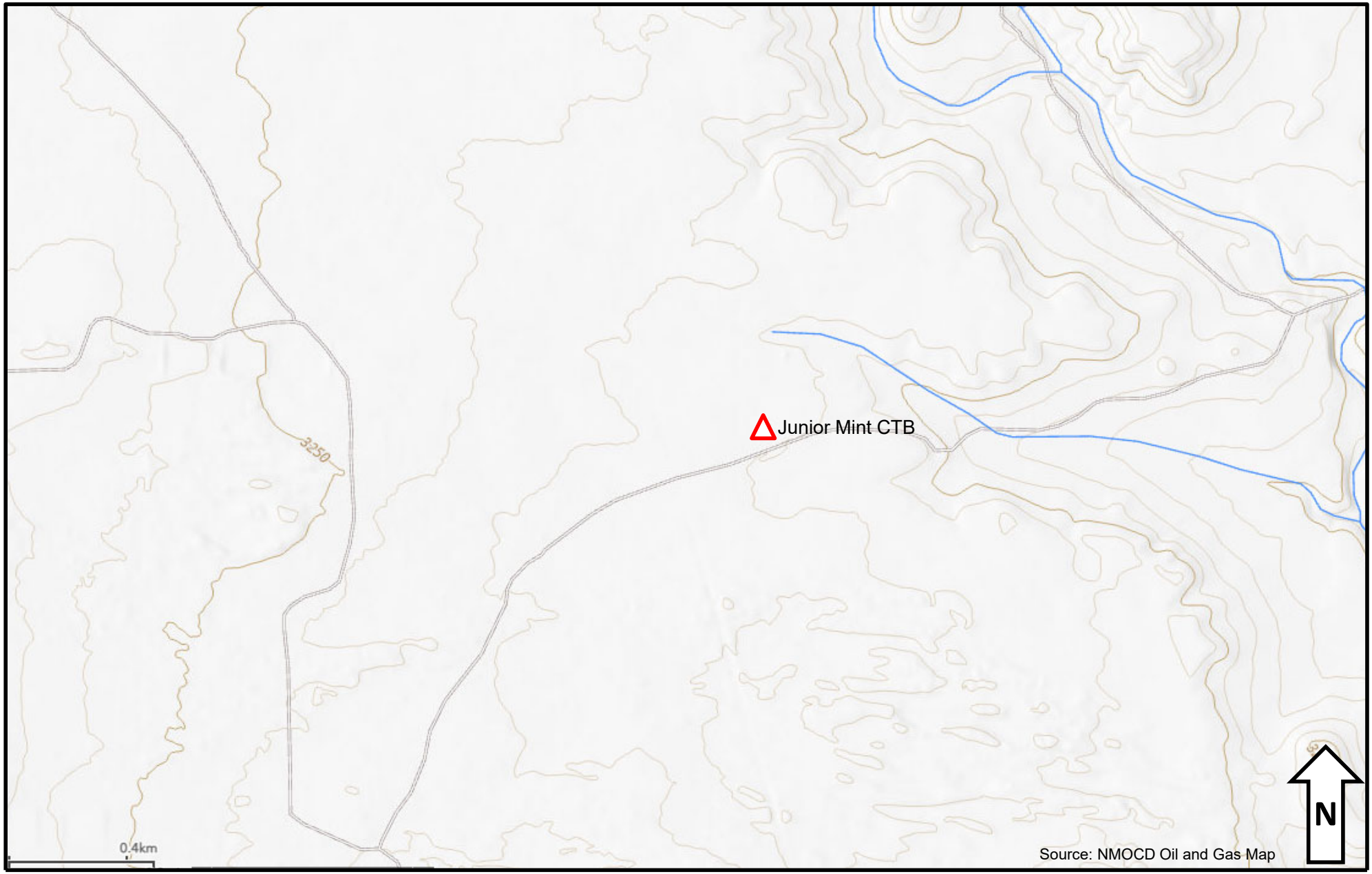

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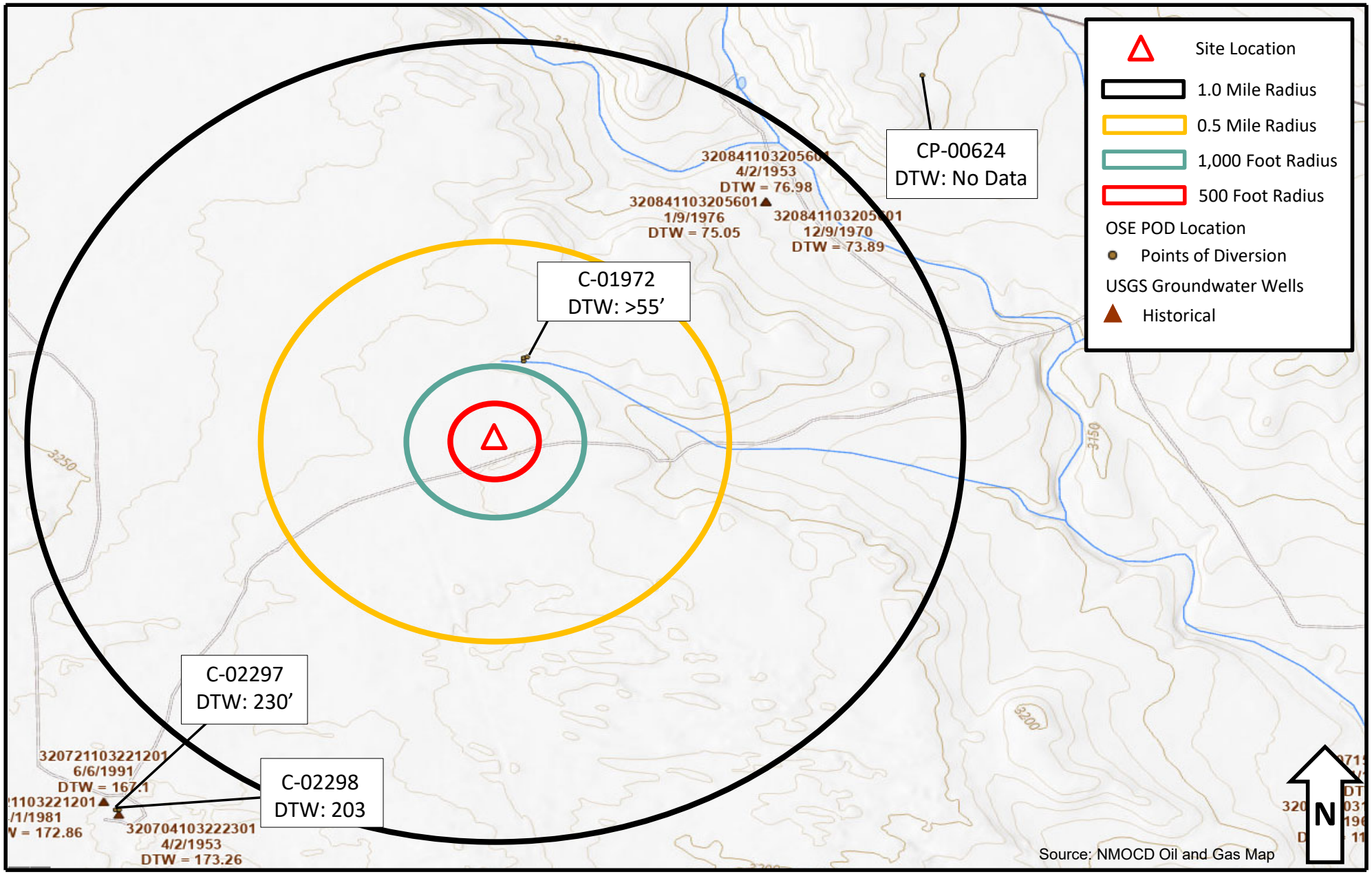
Figure 1 – Site Map

Civitas Resources – Junior Mint CTB
GPS: 32.136185, -103.359261
Lea County, New Mexico

CIVITAS



Earth Systems Response & Restoration

Figure 1A – Groundwater

Civitas Resources – Junior Mint CTB
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Lea County, New Mexico

CIVITAS

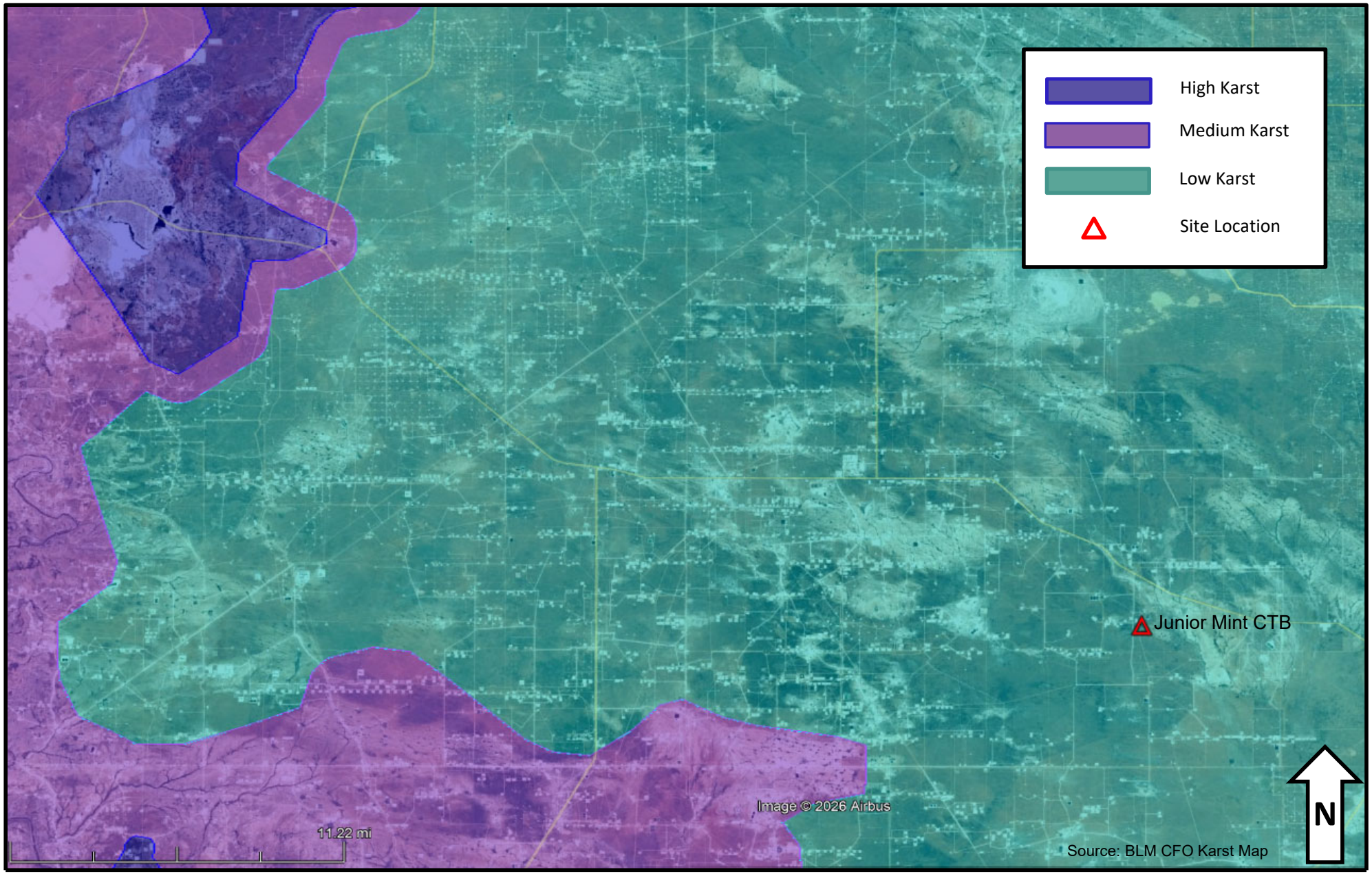

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Figure 1B – Karst Potential

Civitas Resources – Junior Mint CTB
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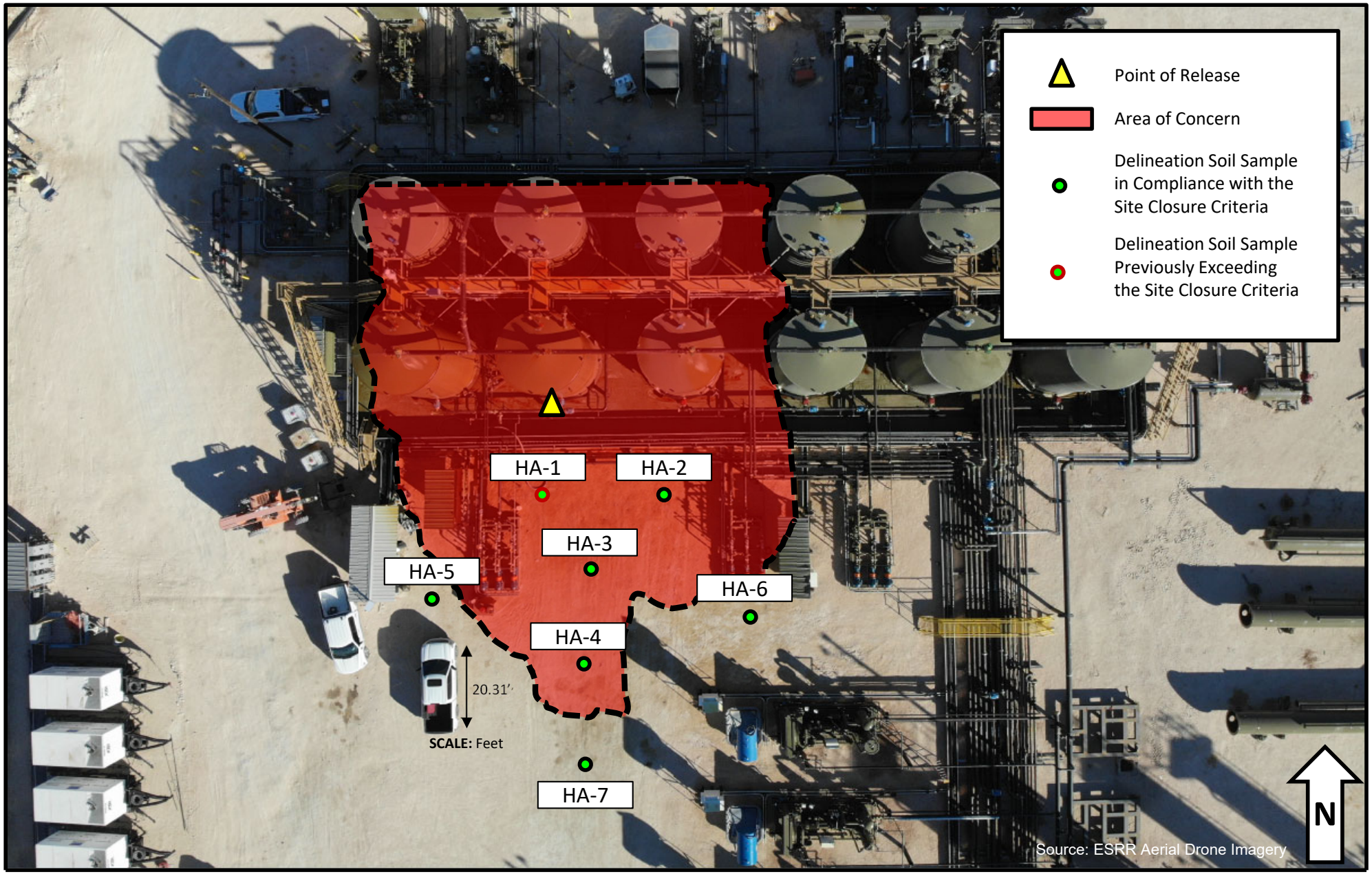
Lea County, New Mexico

CIVITAS



Earth Systems Response & Restoration

Figure 2 – Delineation Soil Sample Locations

Civitas Resources – Junior Mint CTB
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Lea County, New Mexico

CIVITAS

Earth Systems Response & Restoration

Figure 3 – Excavation Soil Sample Locations

Civitas Resources – Junior Mint CTB
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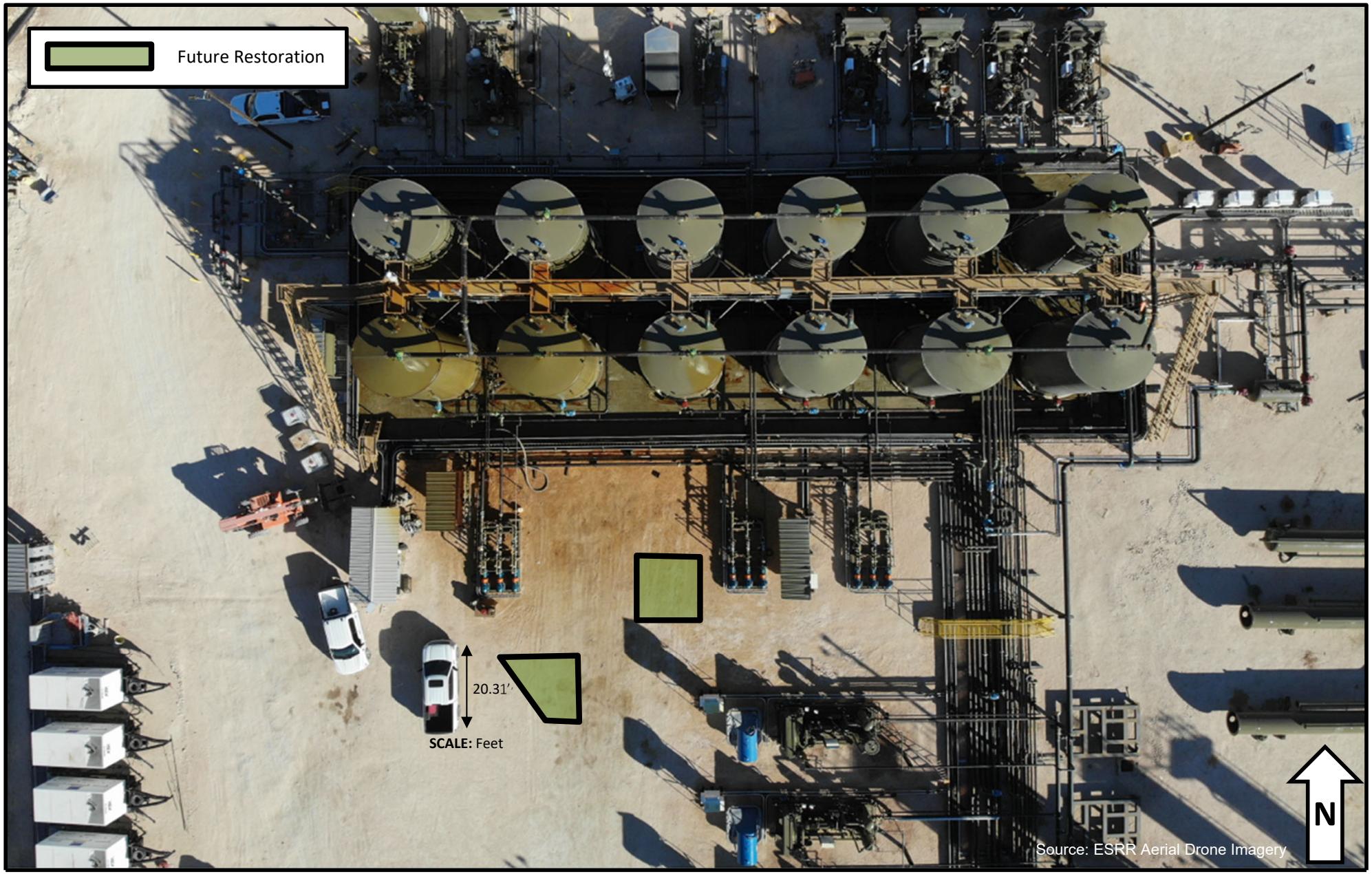
CIVITAS



Earth Systems
Response & Restoration

Figure 4 – Future Restoration Areas

Civitas Resources – Junior Mint CTB
GPS: 32.136185, -103.359261
Lea County, New Mexico

CIVITAS

WELL RECORD & LOG

OFFICE OF THE STATE ENGINEER

www.ose.state.nm.us

OSE DIT AUG 21 2023 PM2:11

1. GENERAL AND WELL LOCATION

OSE POD NO. (WELL NO.)	WELL TAG ID NO.	OSE FILE NO(S).
~~CP-01972~~ POD 1 (~~DTW~~) SB-1	N/A	CP-01972

WELL OWNER NAME(S)	PHONE (OPTIONAL)
Plains All American	361-252-6136

WELL OWNER MAILING ADDRESS	CITY	STATE	ZIP
2135 S. Loop 250 West	Midland	TX	79703

WELL LOCATION (FROM GPS)		DEGREES	MINUTES	SECONDS	
	LATITUDE	32	08	23.79	N
	LONGITUDE	103	21	28.13	W

* ACCURACY REQUIRED: ONE TENTH OF A SECOND

* DATUM REQUIRED: WGS 84

DESCRIPTION RELATING WELL LOCATION TO STREET ADDRESS AND COMMON LANDMARKS – PLSS (SECTION, TOWNSHIP, RANGE) WHERE AVAILABLE

Montera

2. DRILLING & CASING INFORMATION

LICENSE NO.	NAME OF LICENSED DRILLER	NAME OF WELL DRILLING COMPANY
WD-1456	John W. White	White Drilling Company, Inc.

DRILLING STARTED	DRILLING ENDED	DEPTH OF COMPLETED WELL (FT)	BORE HOLE DEPTH (FT)	DEPTH WATER FIRST ENCOUNTERED (FT)
07/17/2023	07/20/2023		55.0	

COMPLETED WELL IS:	STATIC WATER LEVEL IN COMPLETED WELL (FT)	DATE STATIC MEASURED
☐ ARTESIAN *add Centralizer info below ☑ DRY HOLE ☐ SHALLOW (UNCONFINED)		

DRILLING FLUID: ☑ AIR ☐ MUD ADDITIVES – SPECIFY:

DRILLING METHOD: ☑ ROTARY ☐ HAMMER ☐ CABLE TOOL ☐ OTHER – SPECIFY: CHECK HERE IF PITLESS ADAPTER IS INSTALLED ☐

DEPTH (feet bgl) FROM	DEPTH (feet bgl) TO	BORE HOLE DIAM (inches)	CASING MATERIAL AND/OR GRADE (include each casing string, and note sections of screen)	CASING CONNECTION TYPE (add coupling diameter)	CASING INSIDE DIAM. (inches)	CASING WALL THICKNESS (inches)	SLOT SIZE (inches)

3. ANNULAR MATERIAL

DEPTH (feet bgl) FROM	DEPTH (feet bgl) TO	BORE HOLE DIAM. (inches)	LIST ANNULAR SEAL MATERIAL AND GRAVEL PACK SIZE-RANGE BY INTERVAL *(if using Centralizers for Artesian wells- indicate the spacing below)	AMOUNT (cubic feet)	METHOD OF PLACEMENT
0.0	55.0	6.0	Cement-Bentonite Slurry	10.8	Tremie Pipe

FOR OSE INTERNAL USE WR-20 WELL RECORD & LOG (Version 09/22/2022)

FILE NO. CP-1972-POD 1 SB-1	POD NO. 1	TRN NO. 748256	
LOCATION Mon 25.35.10.343		WELL TAG ID NO. ———	PAGE 1 OF 2

4. HYDROGEOLOGIC LOG OF WELL

DEPTH (feet bgl) FROM	DEPTH (feet bgl) TO	THICKNESS (feet)	COLOR AND TYPE OF MATERIAL ENCOUNTERED - INCLUDE WATER-BEARING CAVITIES OR FRACTURE ZONES **(attach supplemental sheets to fully describe all units)**	WATER BEARING? (YES / NO)	ESTIMATED YIELD FOR WATER-BEARING ZONES (gpm)
0.0	6.0	6.0	Brown sand	Y ✓ N	
6.0	12.0	6.0	Caliche	Y ✓ N	
12.0	15.0	3.0	Brown sand/sandstone	Y ✓ N	
15.0	18.0	3.0	Light brown sandstone	Y ✓ N	
18.0	22.0	4.0	Caliche	Y ✓ N	
22.0	26.0	4.0	Brown sandstone	Y ✓ N	
26.0	46.0	20.0	Light brown and brown sandstone	Y ✓ N	
46.0	55.0	9.0	Light brown sand/sandstone	Y ✓ N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	

METHOD USED TO ESTIMATE YIELD OF WATER-BEARING STRATA:

☐ PUMP ☐ AIR LIFT ☐ BAILER ☐ OTHER – SPECIFY:

TOTAL ESTIMATED WELL YIELD (gpm):

5. TEST; RIG SUPERVISION

WELL TEST: TEST RESULTS - ATTACH A COPY OF DATA COLLECTED DURING WELL TESTING, INCLUDING DISCHARGE METHOD, START TIME, END TIME, AND A TABLE SHOWING DISCHARGE AND DRAWDOWN OVER THE TESTING PERIOD.

MISCELLANEOUS INFORMATION:

PRINT NAME(S) OF DRILL RIG SUPERVISOR(S) THAT PROVIDED ONSITE SUPERVISION OF WELL CONSTRUCTION OTHER THAN LICENSEE:

William B. Atkins

6. SIGNATURE

THE UNDERSIGNED HEREBY CERTIFIES THAT, TO THE BEST OF HIS OR HER KNOWLEDGE AND BELIEF, THE FOREGOING IS A TRUE AND CORRECT RECORD OF THE ABOVE DESCRIBED HOLE AND THAT HE OR SHE WILL FILE THIS WELL RECORD WITH THE STATE ENGINEER AND THE PERMIT HOLDER WITHIN 30 DAYS AFTER COMPLETION OF WELL DRILLING:

John W. White — 8/15/2023

SIGNATURE OF DRILLER / PRINT SIGNEE NAME — DATE

FOR OSE INTERNAL USE — WR-20 WELL RECORD & LOG (Version 09/22/2022)

FILE NO. CP-1972-POD1 SB-1 | POD NO. 1 | TRN NO. 748256

LOCATION Mon 25.35.10.343 | WELL TAG ID NO. | PAGE 2 OF 2

Mike A. Hamman, P.E.
State Engineer

Roswell Office
1900 WEST SECOND STREET
ROSWELL, NM 88201

STATE OF NEW MEXICO
OFFICE OF THE STATE ENGINEER

Trn Nbr: 748256
File Nbr: CP 01972
Well File Nbr: CP 01972 POD1

Aug. 21, 2023

KAROLANNE HUDGENS
PLAINS PIPELINE L.P.
1106 GRIFFITH DR.
MIDLAND, TX 79706

Greetings:

The above numbered permit was issued in your name on 06/27/2023.

The Well Record was received in this office on 08/21/2023, stating that it had been completed on 07/20/2023, and was a dry well. The well is to be plugged according to 19.27.4.30 NMAC.

Please note that another well can be drilled under this permit if the well is completed and the well log filed on or before 06/26/2024.

If you have any questions, please feel free to contact us.

Sincerely,

Maret Thompson
(575)622-6521

drywell

Mike A. Hamman, P.E.
State Engineer

Roswell Office
1900 WEST SECOND STREET
ROSWELL, NM 88201

STATE OF NEW MEXICO
OFFICE OF THE STATE ENGINEER

Trn Nbr: 748256
File Nbr: CP 01972
Well File Nbr: CP 01972 POD1

Aug. 21, 2023

JOHN WHITE
WHITE DRILLING COMPANY INC
P.O. BOX 906
CLYDE, TX 79510

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Sincerely,

Maret Thompson
(575)622-6521

drywell

PHOTO 1: Northern aerial view during initial site assessment activities. 2/6/2026

PHOTO 2: Northeastern view during initial site assessment activities. 2/6/2026

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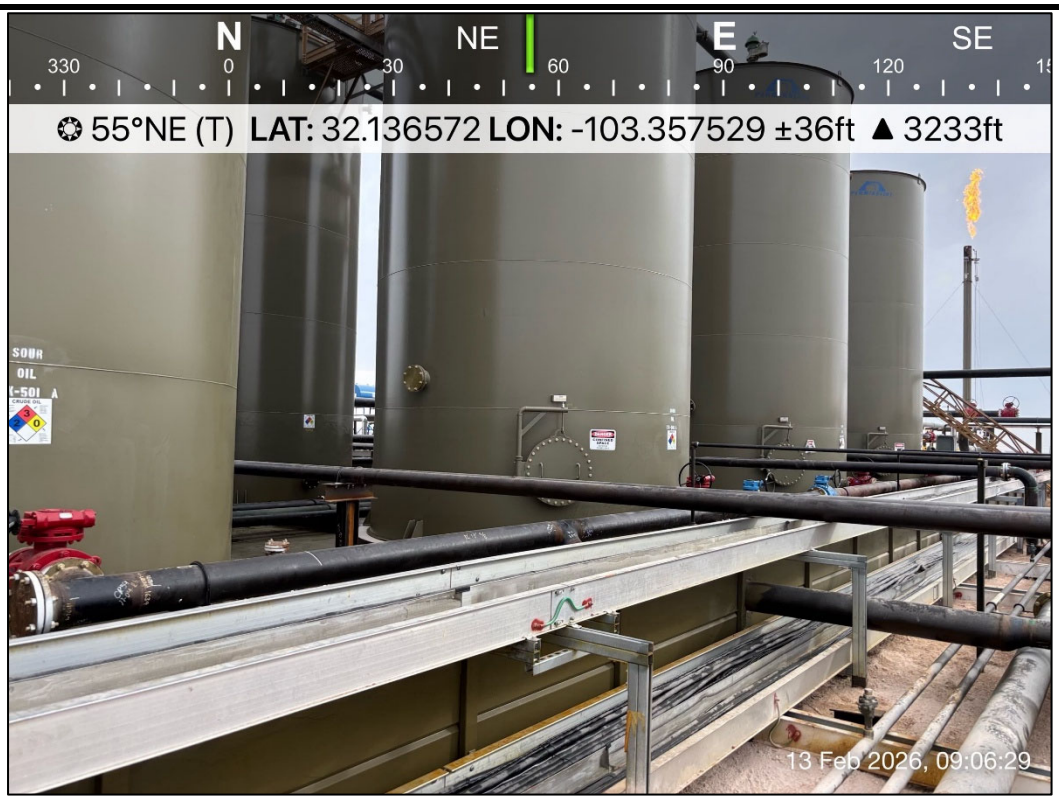

PHOTO 3: Northeastern view outside of containment during liner inspection activities. 2/13/2026

PHOTO 4: Northwestern view outside of containment during liner inspection activities. 2/13/2026

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Incident Number: nAPP2603461687
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PHOTO 5: Southeastern view outside of containment during liner inspection activities. 2/13/2026

PHOTO 6: Southeastern view outside of containment during liner inspection activities. 2/13/2026

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PHOTO 7: Southwestern view outside of containment during liner inspection activities. 2/13/2026

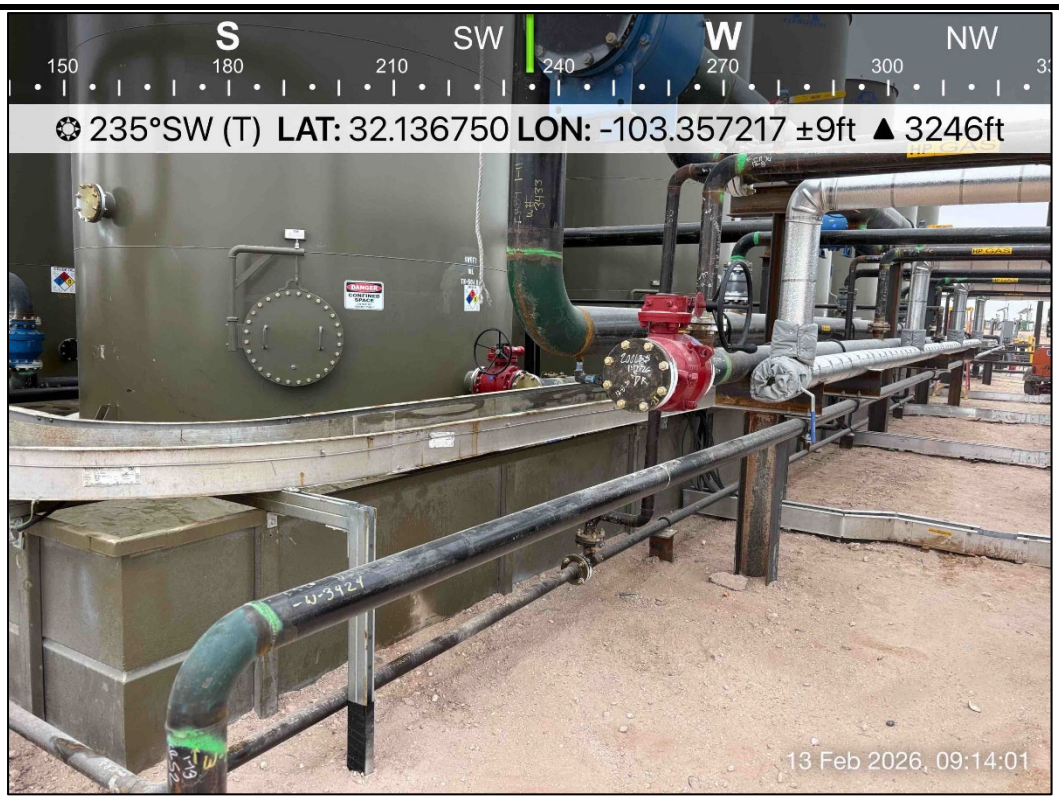

PHOTO 8: Southwestern view outside of containment during liner inspection activities. 2/13/2026

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Earth Systems
Response & Restoration

PHOTO 9: Southwestern view outside of containment during liner inspection activities. 2/13/2026

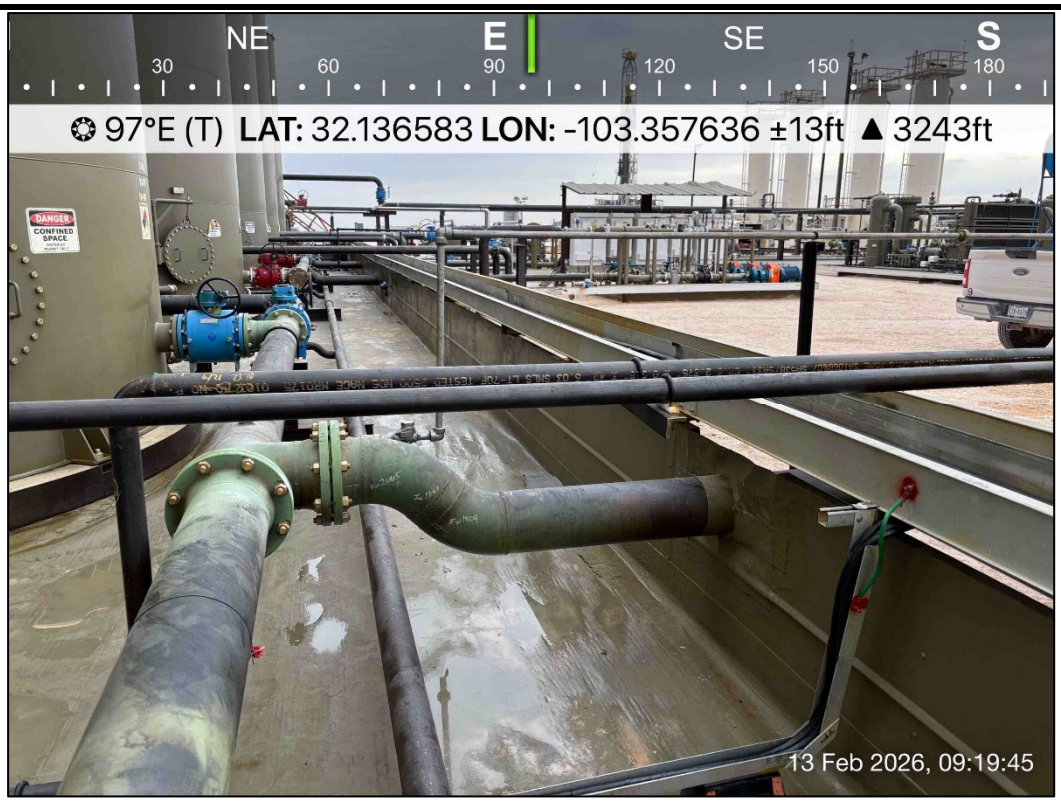

PHOTO 10: Southeastern view during liner inspection activities. 2/13/2026

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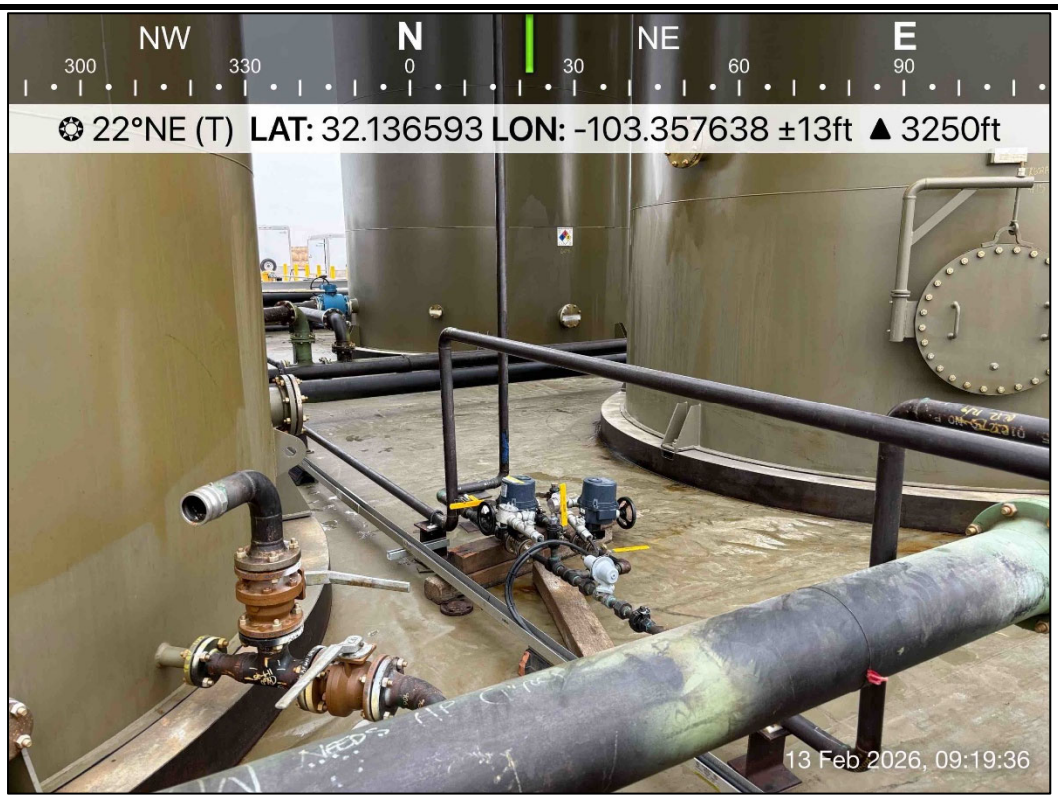

PHOTO 11: Northeastern view during liner inspection activities. 2/13/2026

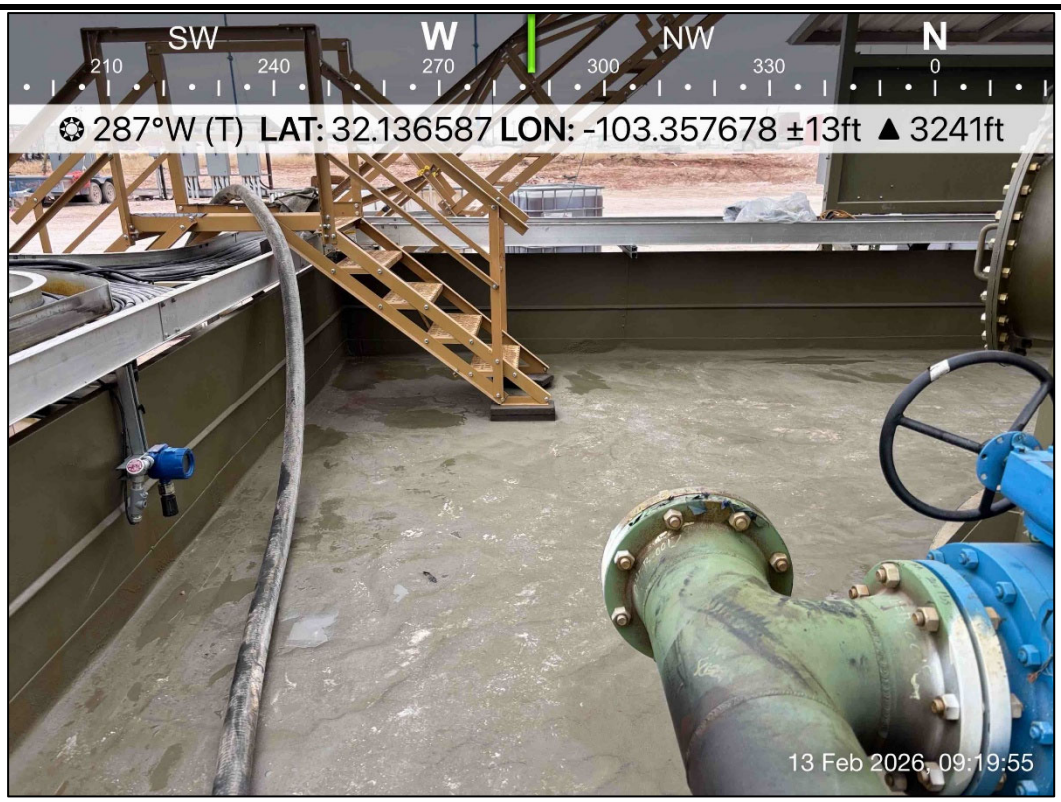

PHOTO 12: Northwestern view during liner inspection activities. 2/13/2026

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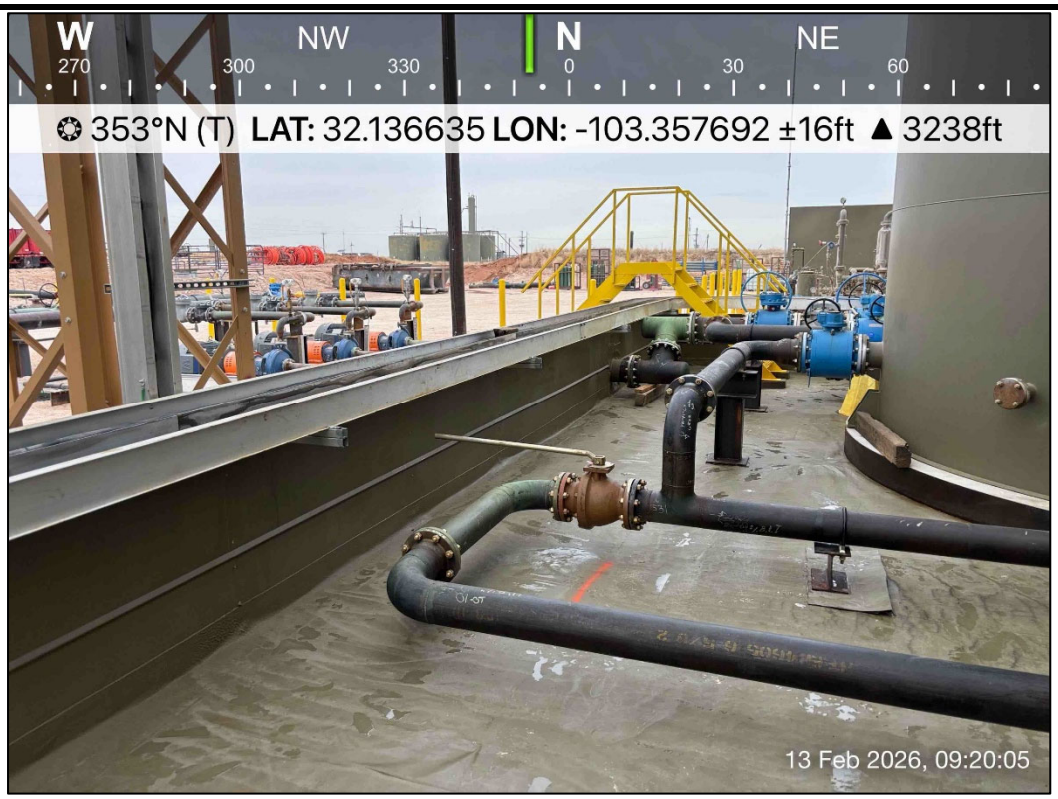

PHOTO 13: Northwestern view during liner inspection activities. 2/13/2026

PHOTO 14: Eastern view during liner inspection activities. 2/13/2026

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PHOTO 15: Southwestern view during liner inspection activities. 2/13/2026

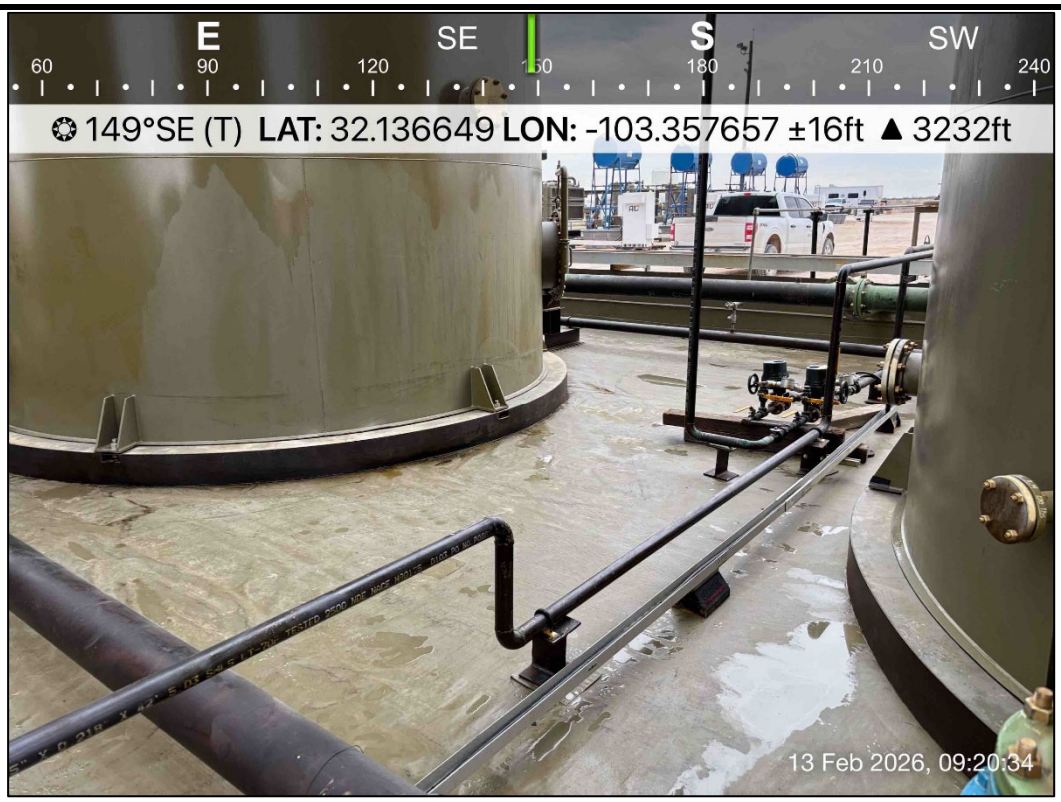

PHOTO 16: Southeastern view during liner inspection activities. 2/13/2026

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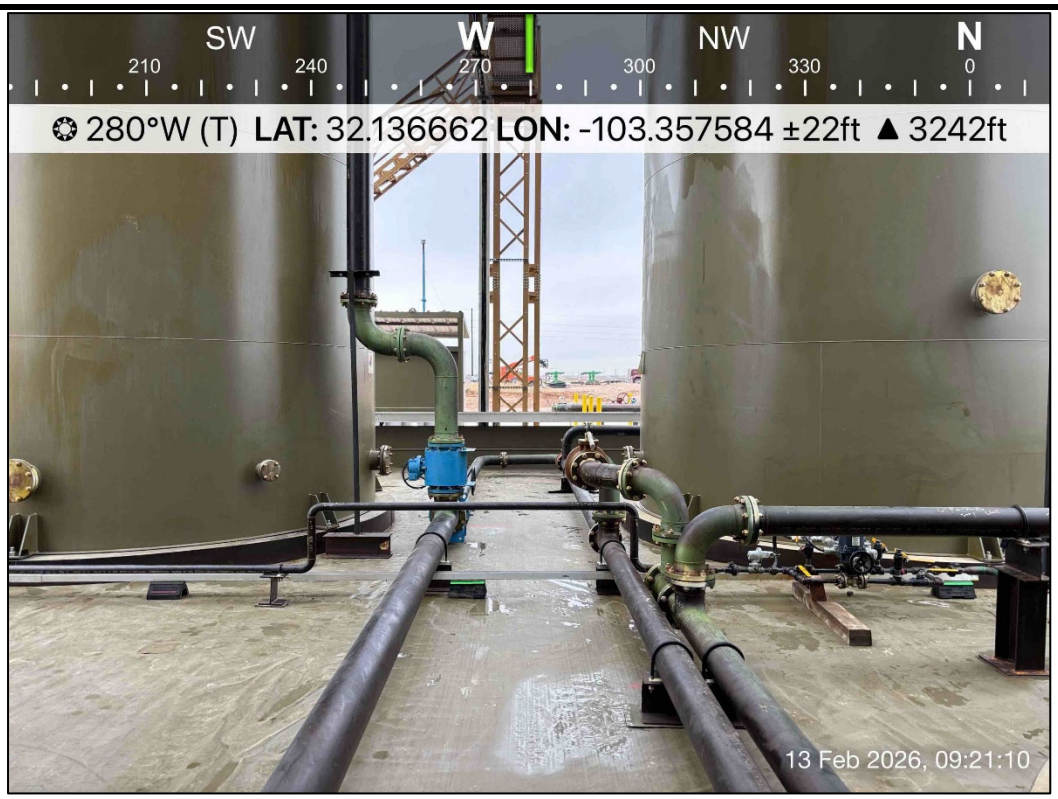

PHOTO 17: Northwestern view during liner inspection activities. 2/13/2026

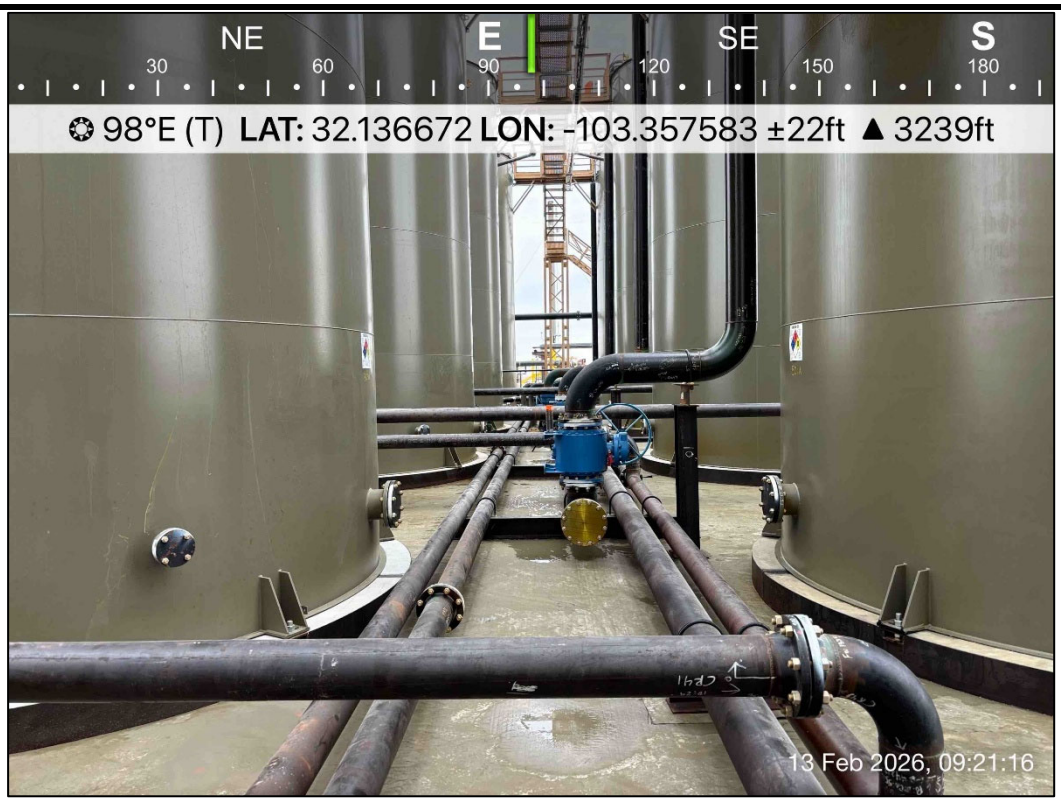

PHOTO 18: Southeastern view during liner inspection activities. 2/13/2026

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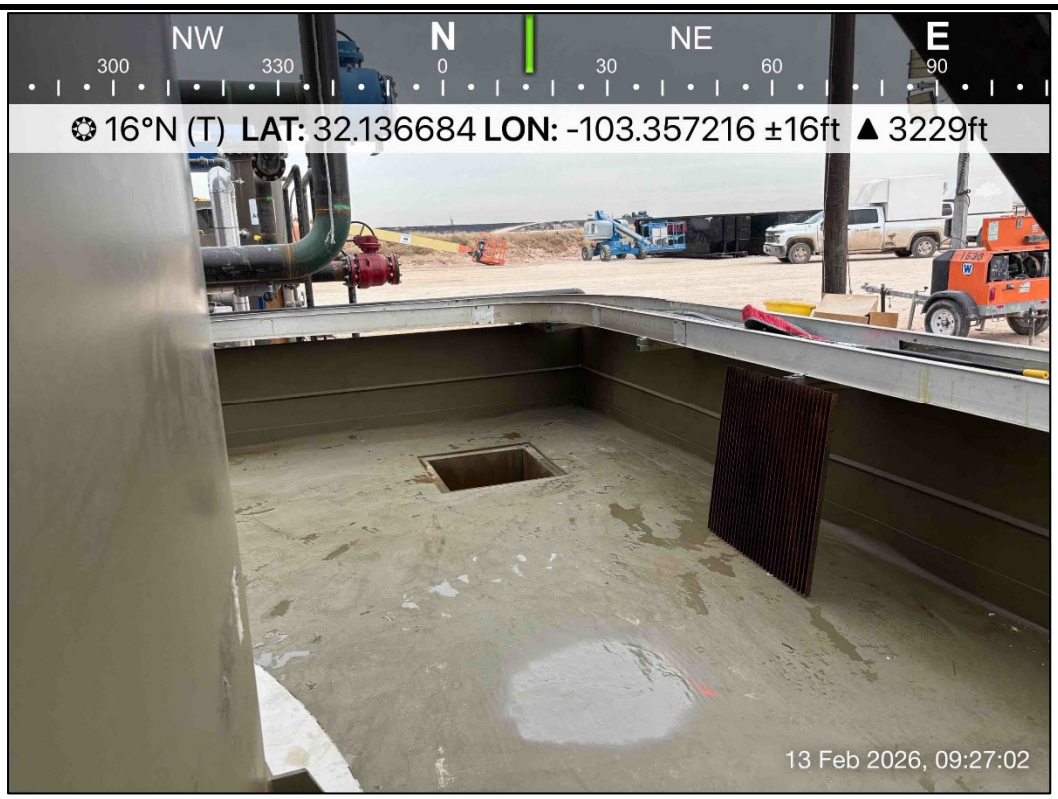

PHOTO 19: Northeastern view during liner inspection activities. 2/13/2026

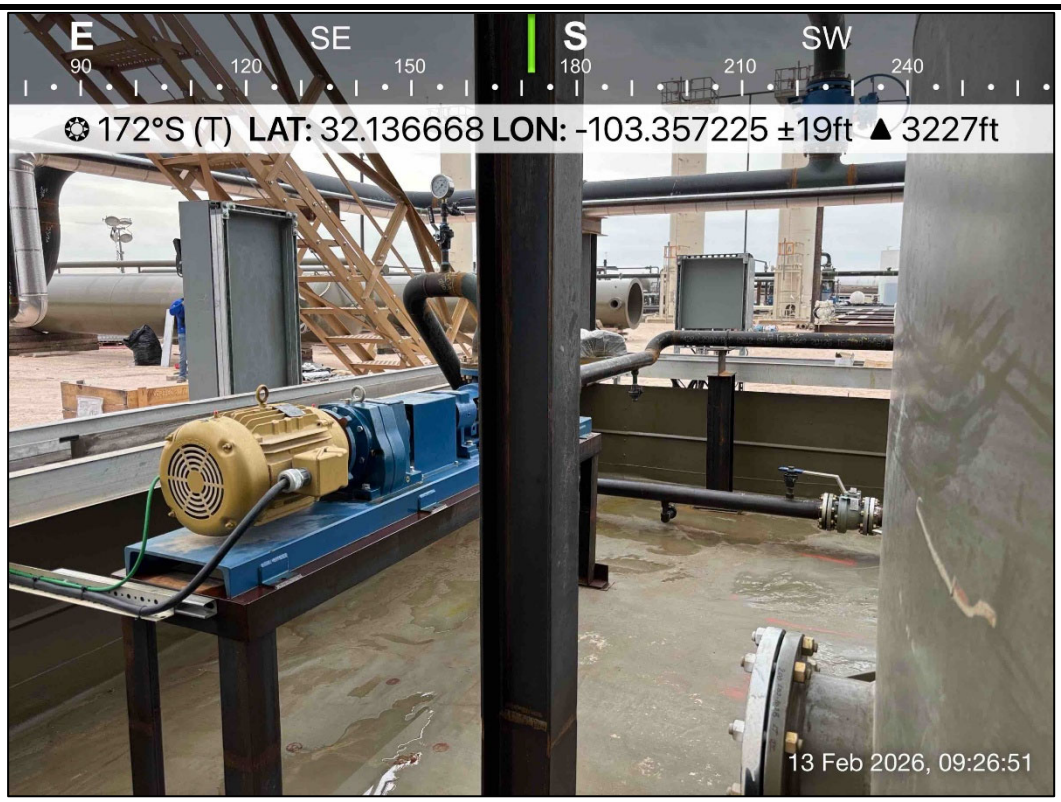

PHOTO 20: Southeastern view during liner inspection activities. 2/13/2026

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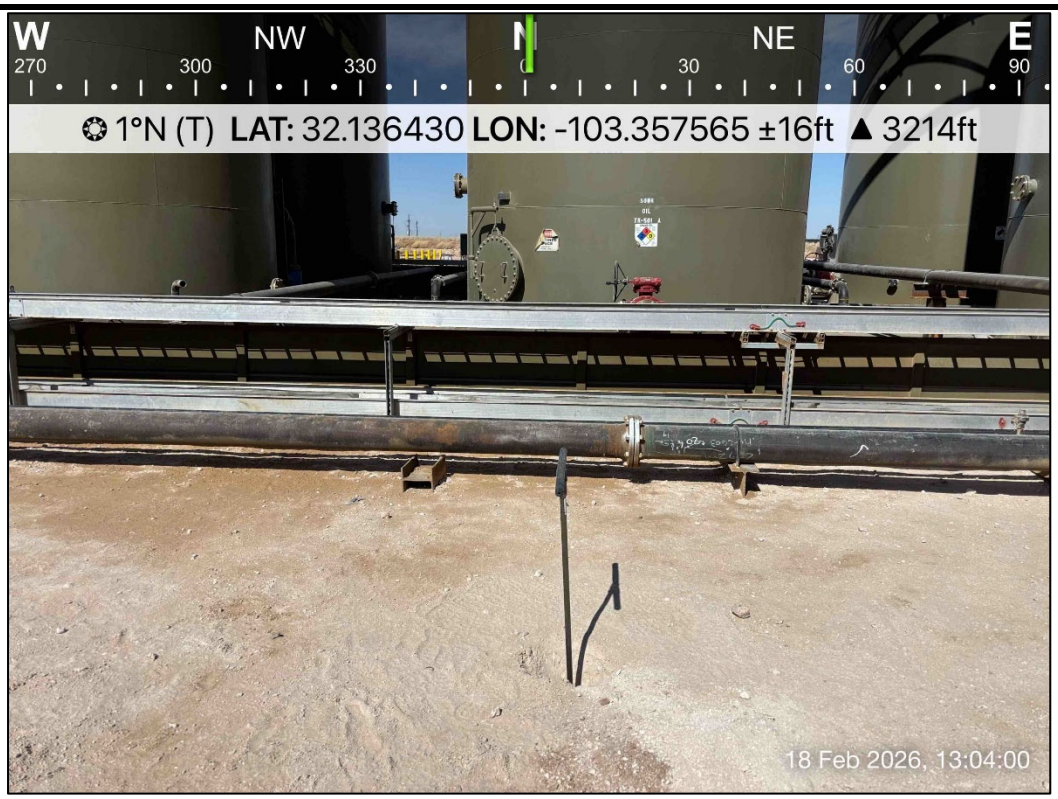

PHOTO 21: Northern view during delineation activities. 2/18/2026

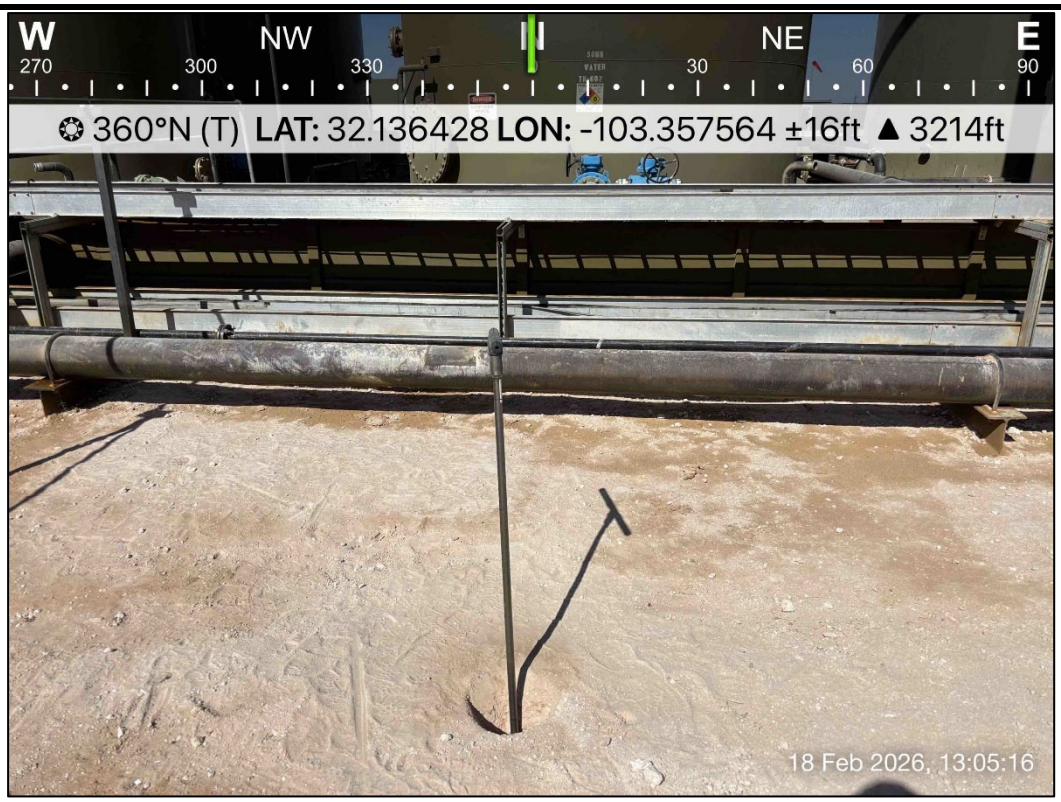

PHOTO 22: Northern view during delineation activities. 2/18/2026

Junior Mint CTB - Closure Request Report
Incident Number: nAPP2603461687
GPS: 32.136185°, -103.359261°

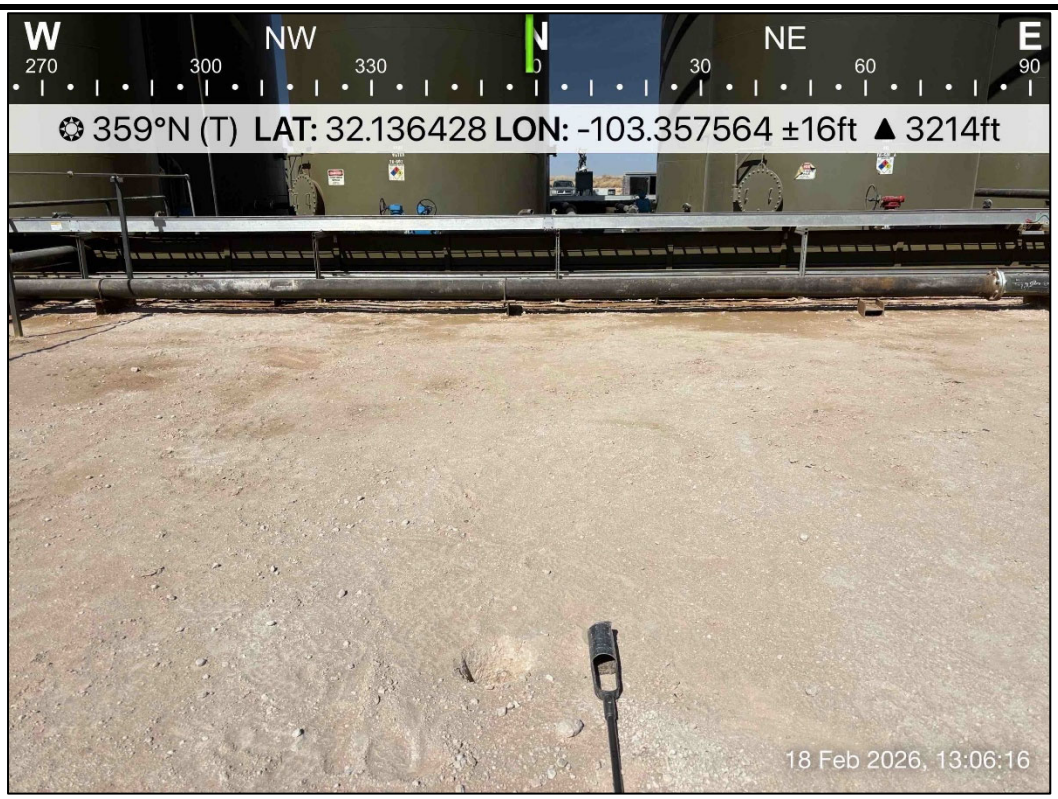

PHOTO 23: Northern view during delineation activities. 2/18/2026

PHOTO 24: Southern view during delineation activities. 2/18/2026

Junior Mint CTB - Closure Request Report
Incident Number: nAPP2603461687
GPS: 32.136185°, -103.359261°

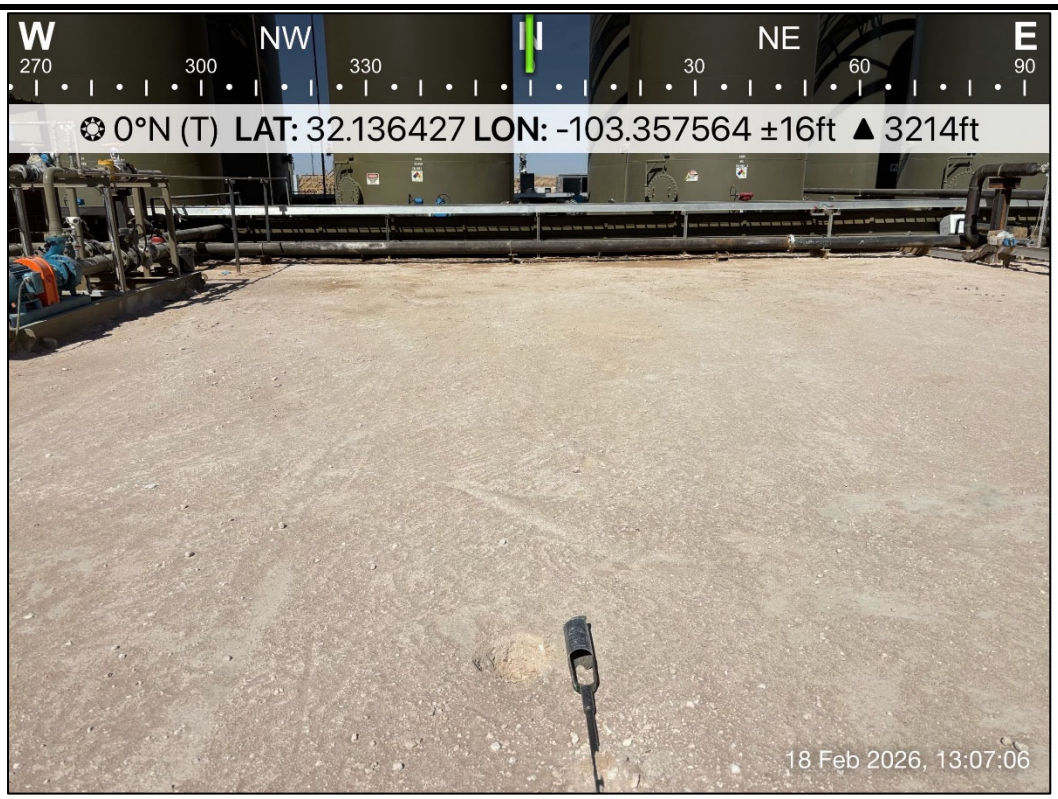

PHOTO 25: Northern view during delineation activities. 2/18/2026

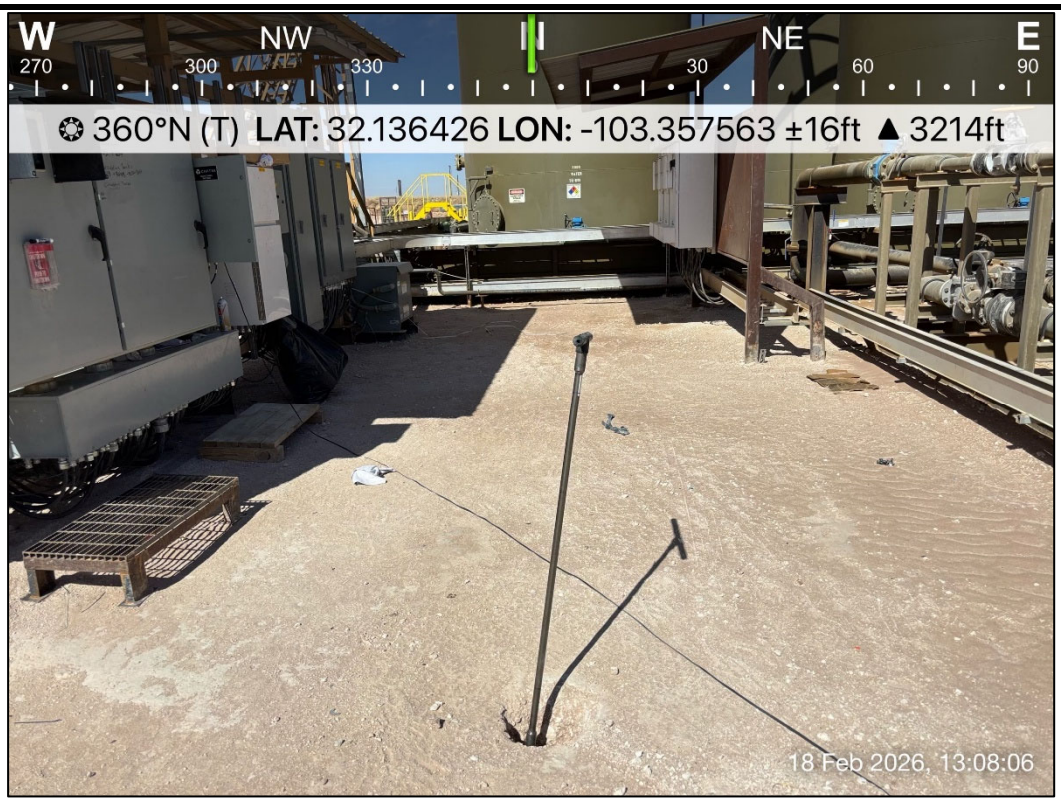

PHOTO 26: Northern view during delineation activities. 2/18/2026

Junior Mint CTB - Closure Request Report
Incident Number: nAPP2603461687
GPS: 32.136185°, -103.359261°

PHOTO 27: Northeastern view during delineation activities. 2/18/2026

PHOTO 28: Southeastern view following initial excavation activities. 3/13/2026

Junior Mint CTB - Closure Request Report
Incident Number: nAPP2603461687
GPS: 32.136185°, -103.359261°

PHOTO 29: Northwestern view following initial excavation activities. 3/13/2026

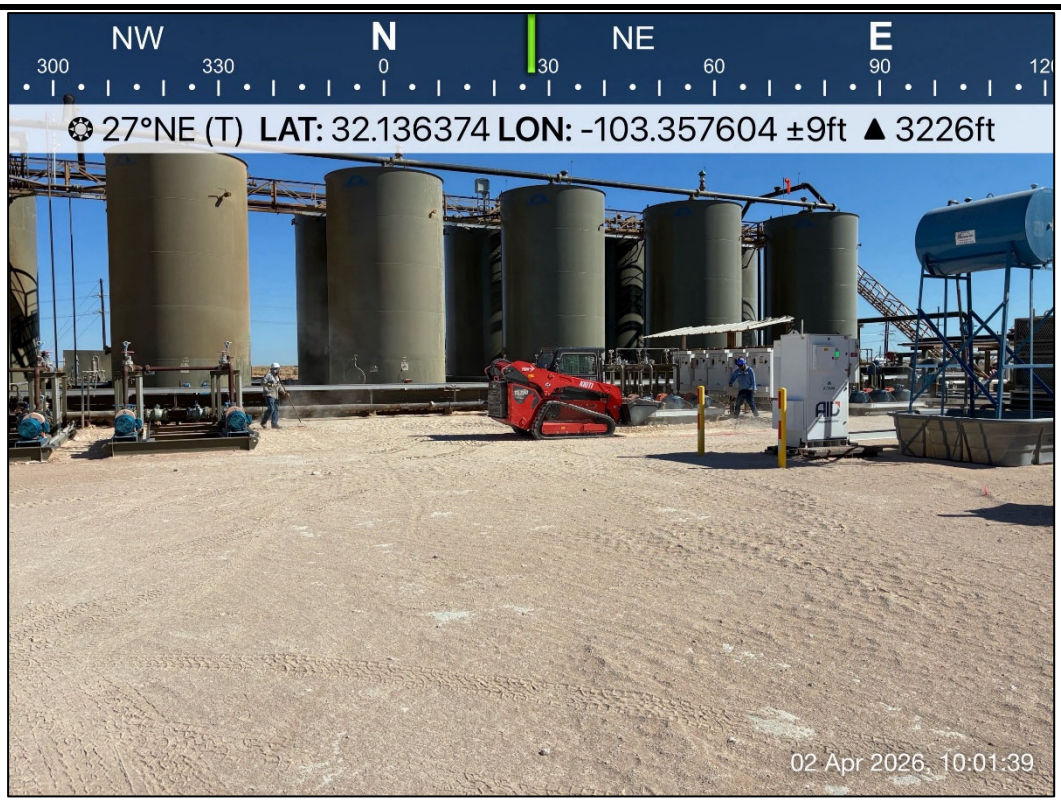

PHOTO 30: Northeastern view during additional excavation activities. 2/13/2026

Junior Mint CTB - Closure Request Report
Incident Number: nAPP2603461687
GPS: 32.136185°, -103.359261°

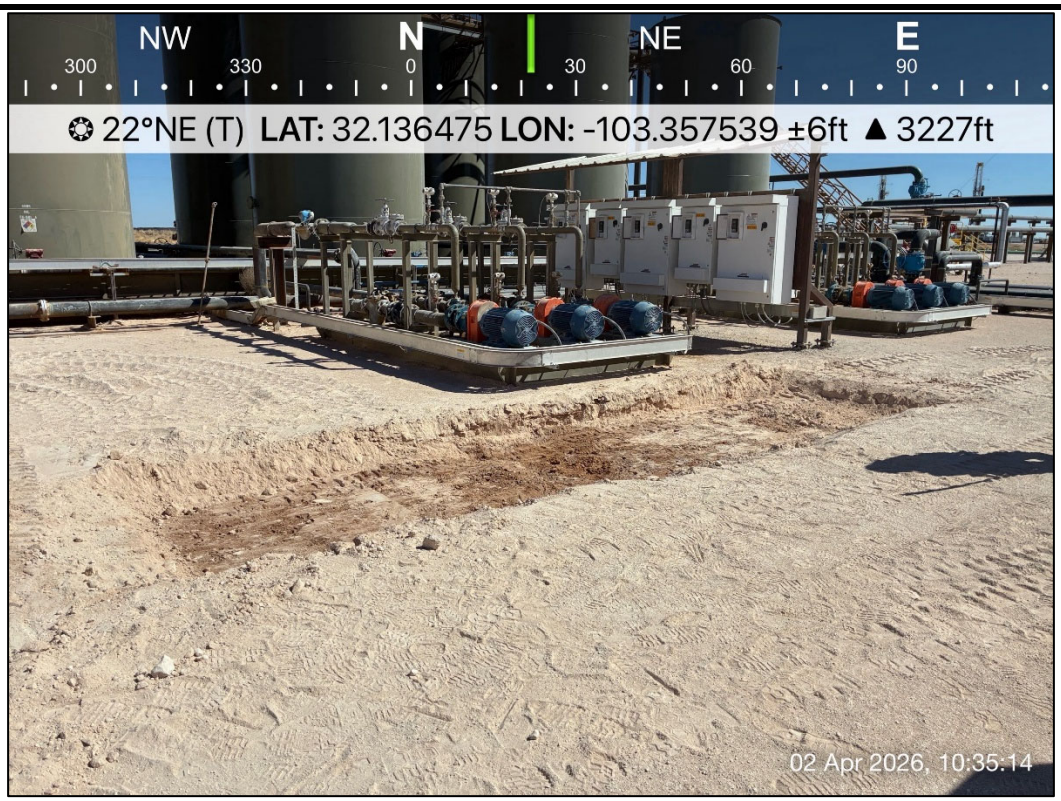

PHOTO 29: Northeastern view following additional excavation activities. 2/13/2026

PHOTO 30: Northern view following restoration activities. 4/22/2026

Junior Mint CTB - Closure Request Report
Incident Number: nAPP2603461687
GPS: 32.136185°, -103.359261°

PHOTO 31: Northeastern view following restoration activities. 4/22/2026

Earth Systems
Response & Restoration

Table 1
SOIL SAMPLE ANALYTICAL RESULTS
Junior Mint CTB
Lea County, New Mexico

CIVITAS

Sample I.D.	Sample Date	Sample Depth (feet bgs)	Benzene (mg/kg)	Total BTEX (mg/kg)	TPH GRO (mg/kg)	TPH DRO (mg/kg)	TPH ORO (mg/kg)	DRO + GRO (mg/kg)	Total TPH (mg/kg)	Chloride (mg/kg)
NMOCD Table I Closure Criteria for Soils Impacted by a Release (NMAC 19.15.29)			10	50	NE	NE	NE	1,000	2,500	10,000
Delineation Soil Samples - nAPP2603461687										
HA - 1	2/18/26	0.5	<0.00200	1.19	183	1,830	<50.4	2,013	2,010	215
HA - 1	2/18/26	1	<0.00202	0.0271	<50.5	68.1	<50.5	68.1	68.1	160
HA - 1	2/18/26	2	<0.00199	<0.00398	<49.9	<49.9	<49.9	<49.9	<49.9	65.2
HA - 1	2/18/26	3	<0.00200	<0.00399	<49.9	<49.9	<49.9	<49.9	<49.9	52.3
HA - 2	2/18/26	0.5	<0.00201	<0.00402	<50.0	100	<50.0	100	100	204
HA - 2	2/18/26	1	<0.00202	<0.00404	<50.0	<50.0	<50.0	<50.0	<50.0	161
HA - 2	2/18/26	2	<0.00199	<0.00398	<49.8	58.9	<49.8	58.9	58.9	72.5
HA - 2	2/18/26	3	<0.00198	<0.00396	<49.8	<49.8	<49.8	<49.8	<49.8	14.0
HA - 3	2/18/26	0.5	<0.00200	<0.00399	<50.0	<50.0	<50.0	<50.0	<50.0	308
HA - 3	2/18/26	1	<0.00201	<0.00402	<50.0	<50.0	<50.0	<50.0	<50.0	135
HA - 4	2/18/26	0.5	<0.00202	<0.00404	<49.9	57.3	<49.9	57.3	57.3	421
HA - 4	2/18/26	1	<0.00199	<0.00398	<49.9	<49.9	<49.9	<49.9	<49.9	170
HA - 5	2/18/26	0.5	<0.00200	<0.00399	<49.8	<49.8	<49.8	<49.8	<49.8	345
HA - 5	2/18/26	2	<0.00201	<0.00402	<49.9	<49.9	<49.9	<49.9	<49.9	129
HA - 6	2/18/26	0.5	<0.00202	<0.00404	<50.0	<50.0	<50.0	<50.0	<50.0	193
HA - 6	2/18/26	3	<0.00199	<0.00398	<49.8	<49.8	<49.8	<49.8	<49.8	98.8
HA - 7	2/18/26	0.5	<0.00198	<0.00396	<50.0	<50.0	<50.0	<50.0	<50.0	95.6
HA - 7	2/18/26	1	<0.00200	<0.00399	<50.1	<50.1	<50.1	<50.1	<50.1	81.3
Confimation Soil Samples - nAPP2603461687										
CS - 1	3/13/2026	0.25	<0.00200	<0.00399	<50.1	<50.1	<50.1	<50.1	<50.1	107
CS - 2	3/13/2026	1	<0.00201	<0.00402	<50.1	<50.1	<50.1	<50.1	<50.1	72.1
CS - 3	3/13/2026	0.25	<0.00202	<0.00404	<50.2	<50.2	<50.2	<50.2	<50.2	263
CS - 4	3/13/2026	0.25	<0.00199	<0.00398	<49.9	<49.9	<49.9	<49.9	<49.9	140
CS - 5	3/13/2026	0.25	<0.00198	<0.00396	<49.9	<49.9	<49.9	<49.9	<49.9	347
CS - 6	3/13/2026	0.25	<0.00200	<0.00399	<50.0	<50.0	<50.0	<50.0	<50.0	37.6
CS - 7	3/13/2026	0.25	<0.00201	<0.00402	<49.8	<49.8	<49.8	<49.8	<49.8	70.1
CS - 8	3/13/2026	0.25	<0.00202	<0.00404	<49.8	<49.8	<49.8	<49.8	<49.8	55.8
CS - 9	3/13/2026	0.25	<0.00199	<0.00398	<50.5	<50.5	<50.5	<50.5	<50.5	15.0
CS - 10	3/13/2026	0.25	<0.00198	<0.00396	<50.5	<50.5	<50.5	<50.5	<50.5	<9.92
CS - 11	3/13/2026	0.25	<0.00200	<0.00399	<50.2	<50.2	<50.2	<50.2	<50.2	27.1
CS - 12	3/13/2026	0.25	<0.00201	<0.00402	<50.1	<50.1	<50.1	<50.1	<50.1	57.6
CS - 13	3/13/2026	0.25	<0.00202	<0.00404	<50.0	<50.0	<50.0	<50.0	<50.0	128

Earth Systems
Response & Restoration

Table 1
SOIL SAMPLE ANALYTICAL RESULTS
Junior Mint CTB
Lea County, New Mexico

CIVITAS

Sample I.D.	Sample Date	Sample Depth (feet bgs)	Benzene (mg/kg)	Total BTEX (mg/kg)	TPH GRO (mg/kg)	TPH DRO (mg/kg)	TPH ORO (mg/kg)	DRO + GRO (mg/kg)	Total TPH (mg/kg)	Chloride (mg/kg)
NMOCD Table I Closure Criteria for Soils Impacted by a Release (NMAC 19.15.29)			10	50	NE	NE	NE	1,000	2,500	10,000
Confimation Soil Samples - nAPP2603461687										
CS - 14	3/13/2026	0.25	<0.00199	<0.00398	<49.5	<49.5	<49.5	<49.5	<49.5	76.0
CS - 15	3/13/2026	0.25	<0.00198	<0.00396	<50.0	337	131	468	468	40.1
CS - 16	3/13/2026	0.25	<0.00200	<0.00399	<49.9	1,030	<49.9	**1,030**	1,030	469
CS - 16	4/2/2026	1	<0.00200	<0.00399	<50.1	<50.1	<50.1	<50.1	<50.1	29.3
CS - 17	3/13/2026	0.25	<0.00201	<0.00402	<49.9	<49.9	<49.9	<49.9	<49.9	179
CS - 18	3/13/2026	0.25	<0.00202	<0.00404	<50.0	53.7	<50.0	53.7	53.7	264
CS - 19	3/13/2026	0.25	<0.00199	<0.00398	<49.9	133	<49.9	133	133	227
CS - 20	3/13/2026	0.25	<0.00198	<0.00396	<50.0	70.3	<50.0	70.3	70.3	756
SW - 1	3/13/2026	0-0.25	<0.00198	<0.00396	<49.8	<49.8	<49.8	<49.8	<49.8	75.5
SW - 2	3/13/2026	0-0.25	<0.00200	<0.00399	<49.7	<49.7	<49.7	<49.7	<49.7	165
SW - 3	3/13/2026	0-0.25	<0.00201	<0.00402	<49.8	<49.8	<49.8	<49.8	<49.8	204

Notes:
bgs: below ground surface
mg/kg: milligrams per kilogram
BTEX: Benzene, Toluene, Ethylbenzene, and Xylenes
GRO: Gasoline Range Organics
DRO: Diesel Range Organics
ORO: Oil Range Organics
NMOCD: New Mexico Oil Conservation Division

NMAC: New Mexico Administrative Code
Text in "grey" represents excavated soil samples
Concentrations in **bold and highlighted** exceed the NMOCD Table I Closure Criteria and/or Reclamation Standard‡ for Soils Impacted by a Release
‡The reclamation concentration requirements of 600 mg/kg chloride and 100 mg/kg TPH apply to the top 4 feet of areas to be immediately reclaimed following remediation pursuant to NMAC 19.15.17.13.

Sante Fe Main Office
Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

Online Phone Directory
https://www.emnrd.nm.gov/ocd/contact-us

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

QUESTIONS

Operator: Civitas Permian Operating, LLC 555 17th Street Denver, CO 80202	OGRID: 332195
	Action Number: 551935
	Action Type: [NOTIFY] Notification Of Liner Inspection (C-141L)

QUESTIONS

Prerequisites	
Incident ID (n#)	**nAPP2603461687**
Incident Name	**NAPP2603461687 JUNIOR MINT CTB @ C-15-25S-35E**
Incident Type	**Produced Water Release**
Incident Status	**Notification Accepted**

Location of Release Source	
Site Name	**Junior Mint CTB**
Date Release Discovered	**02/03/2026**
Surface Owner	**Private**

Liner Inspection Event Information *Please answer all the questions in this group.*	
What is the liner inspection surface area in square feet	2,378
Have all the impacted materials been removed from the liner	Yes
Liner inspection date pursuant to Subparagraph (a) of Paragraph (5) of Subsection A of 19.15.29.11 NMAC	02/13/2026
Time liner inspection will commence	09:00 AM
Please provide any information necessary for observers to liner inspection	Liner being inspected is surrounding the tanks battery. Contact Gilbert Moreno (832) 541-7719
Please provide any information necessary for navigation to liner inspection site	32.136185, -103.359261

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

CONDITIONS

Operator: Civitas Permian Operating, LLC 555 17th Street Denver, CO 80202	OGRID: 332195
	Action Number: 551935
	Action Type: [NOTIFY] Notification Of Liner Inspection (C-141L)

CONDITIONS

Created By	Condition	Condition Date
mjones01	Failure to notify the OCD of liner inspections including any changes in date/time per the requirements of 19.15.29.11.A(5)(a)(ii) NMAC, may result in the inspection not being accepted.	2/9/2026

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

QUESTIONS

Action 553794

QUESTIONS

Operator: Civitas Permian Operating, LLC 555 17th Street Denver, CO 80202	OGRID: 332195
	Action Number: 553794
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	**nAPP2603461687**
Incident Name	**NAPP2603461687 JUNIOR MINT CTB @ C-15-25S-35E**
Incident Type	**Produced Water Release**
Incident Status	**Notification Accepted**

Location of Release Source	
Site Name	**Junior Mint CTB**
Date Release Discovered	**02/03/2026**
Surface Owner	**Private**

Sampling Event General Information *Please answer all the questions in this group.*	
What is the sampling surface area in square feet	3,720
What is the estimated number of samples that will be gathered	25
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	02/18/2026
Time sampling will commence	08:00 AM
Please provide any information necessary for observers to contact samplers	Gilbert Moreno (832) 541-7719
Please provide any information necessary for navigation to sampling site	32.136185, -103.359261

Sante Fe Main Office
Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

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

CONDITIONS

Operator:	OGRID:
Civitas Permian Operating, LLC 555 17th Street Denver, CO 80202	332195
	Action Number: 553794
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

CONDITIONS

Created By	Condition	Condition Date
mjones01	Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.	2/13/2026
mjones01	If confirmation sampling is going to take place over multiple days, individual C-141N applications must be submitted for each sampling date. Date ranges are not currently accepted on the C-141N application.	2/13/2026

Sante Fe Main Office
Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

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

QUESTIONS

Action 561220

QUESTIONS

Operator: Civitas Permian Operating, LLC 555 17th Street Denver, CO 80202	OGRID: 332195
	Action Number: 561220
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	**nAPP2603461687**
Incident Name	**NAPP2603461687 JUNIOR MINT CTB @ C-15-25S-35E**
Incident Type	**Produced Water Release**
Incident Status	**Notification Accepted**

Location of Release Source	
Site Name	**Junior Mint CTB**
Date Release Discovered	**02/03/2026**
Surface Owner	**Private**

Sampling Event General Information *Please answer all the questions in this group.*	
What is the sampling surface area in square feet	4,060
What is the estimated number of samples that will be gathered	25
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	03/13/2026
Time sampling will commence	08:00 AM
Please provide any information necessary for observers to contact samplers	Gilbert Moreno 832-541-7719
Please provide any information necessary for navigation to sampling site	32.136185, -103.359261

Sante Fe Main Office
Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

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

CONDITIONS

Action 561220

CONDITIONS

Operator: Civitas Permian Operating, LLC 555 17th Street Denver, CO 80202	OGRID: 332195
	Action Number: 561220
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

CONDITIONS

Created By	Condition	Condition Date
mjones01	Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.	3/10/2026
mjones01	If confirmation sampling is going to take place over multiple days, individual C-141N applications must be submitted for each sampling date. Date ranges are not currently accepted on the C-141N application.	3/10/2026

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

QUESTIONS

Action 568940

QUESTIONS

Operator: Civitas Permian Operating, LLC 555 17th Street Denver, CO 80202	OGRID: 332195
	Action Number: 568940
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	**nAPP2603461687**
Incident Name	**NAPP2603461687 JUNIOR MINT CTB @ C-15-25S-35E**
Incident Type	**Produced Water Release**
Incident Status	**Notification Accepted**

Location of Release Source	
Site Name	**Junior Mint CTB**
Date Release Discovered	**02/03/2026**
Surface Owner	**Private**

Sampling Event General Information *Please answer all the questions in this group.*	
What is the sampling surface area in square feet	150
What is the estimated number of samples that will be gathered	1
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	04/02/2026
Time sampling will commence	08:00 AM
Please provide any information necessary for observers to contact samplers	Gilbert Moreno 832-541-7719
Please provide any information necessary for navigation to sampling site	32.136185, -103.359261

Sante Fe Main Office
Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

Online Phone Directory
https://www.emnrd.nm.gov/ocd/contact-us

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

CONDITIONS

Action 568940

CONDITIONS

Operator: Civitas Permian Operating, LLC 555 17th Street Denver, CO 80202	OGRID: 332195
	Action Number: 568940
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

CONDITIONS

Created By	Condition	Condition Date
mjones01	Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.	3/30/2026
mjones01	If confirmation sampling is going to take place over multiple days, individual C-141N applications must be submitted for each sampling date. Date ranges are not currently accepted on the C-141N application.	3/30/2026

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

Attn: Gilbert Moreno
Earth Systems Response and Restoration
5114 WCR 128
Midland, Texas 79706

Generated 2/26/2026 11:30:04 AM

JOB DESCRIPTION

Junior Mint CTB
Lea County,NM

JOB NUMBER

890-9524-1

Eurofins Carlsbad
1089 N Canal St.
Carlsbad NM 88220

See page two for job notes and contact information.

my EOL

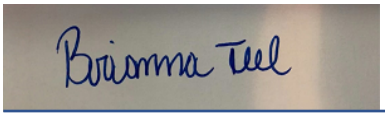
Eurofins Carlsbad

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

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



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2/26/2026 11:30:04 AM

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

Client: Earth Systems Response and Restoration
Project/Site: Junior Mint CTB

Laboratory Job ID: 890-9524-1
SDG: Lea County,NM

Table of Contents

Definitions/Glossary

Client: Earth Systems Response and Restoration
Project/Site: Junior Mint CTB

Job ID: 890-9524-1
SDG: Lea County,NM

Qualifiers

GC VOA

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

GC Semi VOA

Qualifier	Qualifier Description
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: Earth Systems Response and Restoration Job ID: 890-9524-1
Project: Junior Mint CTB

Job ID: 890-9524-1 Eurofins Carlsbad

Job Narrative
890-9524-1

The analytical test results presented in this report meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page, unless otherwise noted. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable. Regulated compliance samples (e.g. SDWA, NPDES) must comply with associated agency requirements/permits.

- Matrix-specific batch QC (e.g., MS, MSD, SD) may not be reported when insufficient sample volume is available or when site-specific QC samples are not submitted. In such cases, a Laboratory Control Sample Duplicate (LCSD) may be analyzed to provide precision data for the batch.
- For samples analyzed using surrogate and/or isotope dilution analytes, any recoveries falling outside of established acceptance criteria are re-prepared and/or re-analyzed to confirm results, unless the deviation is due to sample dilution or otherwise explained in the case narrative.

Receipt
The samples were received on 2/18/2026 4:18 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was -5.0°C.

Receipt Exceptions
The following samples were received and analyzed from an unpreserved bulk soil jar: HA-1 (890-9524-1), HA-1 (890-9524-2), HA-1 (890-9524-3), HA-1 (890-9524-4), HA-2 (890-9524-5), HA-2 (890-9524-6), HA-2 (890-9524-7), HA-2 (890-9524-8), HA-3 (890-9524-9), HA-3 (890-9524-10), HA-4 (890-9524-11) and HA-4 (890-9524-12).

GC VOA
Method 8021B: Surrogate recovery for the following sample was outside control limits: HA-1 (890-9524-1). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

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

Diesel Range Organics
Method 8015B NM: Surrogate recovery for the following sample was outside control limits: HA-1 (890-9524-1). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

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

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

Client Sample Results

Client: Earth Systems Response and Restoration
Project/Site: Junior Mint CTB

Job ID: 890-9524-1
SDG: Lea County,NM

Client Sample ID: HA-1

Date Collected: 02/18/26 08:00
Date Received: 02/18/26 16:18
Sample Depth: 0.5

Lab Sample ID: 890-9524-1
Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		02/20/26 11:17	02/24/26 00:37	1
Toluene	**0.123**		0.00200		mg/Kg		02/20/26 11:17	02/24/26 00:37	1
Ethylbenzene	**0.207**		0.00200		mg/Kg		02/20/26 11:17	02/24/26 00:37	1
m-Xylene & p-Xylene	**0.583**		0.00399		mg/Kg		02/20/26 11:17	02/24/26 00:37	1
o-Xylene	**0.274**		0.00200		mg/Kg		02/20/26 11:17	02/24/26 00:37	1
Xylenes, Total	**0.857**		0.00399		mg/Kg		02/20/26 11:17	02/24/26 00:37	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*316*	*S1+*	*70 - 130*	*02/20/26 11:17*	*02/24/26 00:37*	*1*
1,4-Difluorobenzene (Surr)	*112*		*70 - 130*	*02/20/26 11:17*	*02/24/26 00:37*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	**1.19**		0.00399		mg/Kg			02/24/26 00:37	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**2010**		50.4		mg/Kg			02/26/26 03:55	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	**183**		50.4		mg/Kg		02/19/26 08:58	02/26/26 03:55	1
Diesel Range Organics (Over C10-C28)	**1830**		50.4		mg/Kg		02/19/26 08:58	02/26/26 03:55	1
Oil Range Organics (Over C28-C36)	<50.4	U	50.4		mg/Kg		02/19/26 08:58	02/26/26 03:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*121*		*70 - 130*	*02/19/26 08:58*	*02/26/26 03:55*	*1*
o-Terphenyl	*132*	*S1+*	*70 - 130*	*02/19/26 08:58*	*02/26/26 03:55*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**215**		9.94		mg/Kg			02/20/26 17:59	1

Client Sample ID: HA-1

Date Collected: 02/18/26 08:05
Date Received: 02/18/26 16:18
Sample Depth: 1

Lab Sample ID: 890-9524-2
Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		02/20/26 11:17	02/24/26 00:58	1
Toluene	<0.00202	U	0.00202		mg/Kg		02/20/26 11:17	02/24/26 00:58	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		02/20/26 11:17	02/24/26 00:58	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		02/20/26 11:17	02/24/26 00:58	1
o-Xylene	**0.0271**		0.00202		mg/Kg		02/20/26 11:17	02/24/26 00:58	1
Xylenes, Total	**0.0271**		0.00404		mg/Kg		02/20/26 11:17	02/24/26 00:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*111*		*70 - 130*	*02/20/26 11:17*	*02/24/26 00:58*	*1*

Client Sample Results

Client: Earth Systems Response and Restoration
Project/Site: Junior Mint CTB

Job ID: 890-9524-1
SDG: Lea County,NM

Client Sample ID: HA-1
Date Collected: 02/18/26 08:05
Date Received: 02/18/26 16:18
Sample Depth: 1

Lab Sample ID: 890-9524-2
Matrix: Solid

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

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Difluorobenzene (Surr)	*112*		*70 - 130*	*02/20/26 11:17*	*02/24/26 00:58*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	**0.0271**		0.00404		mg/Kg			02/24/26 00:58	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**68.1**		50.5		mg/Kg			02/26/26 04:09	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	<50.5	U	50.5		mg/Kg		02/19/26 08:58	02/26/26 04:09	1
Diesel Range Organics (Over C10-C28)	**68.1**		50.5		mg/Kg		02/19/26 08:58	02/26/26 04:09	1
Oil Range Organics (Over C28-C36)	<50.5	U	50.5		mg/Kg		02/19/26 08:58	02/26/26 04:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*119*		*70 - 130*	*02/19/26 08:58*	*02/26/26 04:09*	*1*
o-Terphenyl	*115*		*70 - 130*	*02/19/26 08:58*	*02/26/26 04:09*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**160**		9.98		mg/Kg			02/20/26 18:05	1

Client Sample ID: HA-1
Date Collected: 02/18/26 08:10
Date Received: 02/18/26 16:18
Sample Depth: 2

Lab Sample ID: 890-9524-3
Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		02/20/26 11:17	02/24/26 01:19	1
Toluene	<0.00199	U	0.00199		mg/Kg		02/20/26 11:17	02/24/26 01:19	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		02/20/26 11:17	02/24/26 01:19	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		02/20/26 11:17	02/24/26 01:19	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		02/20/26 11:17	02/24/26 01:19	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		02/20/26 11:17	02/24/26 01:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*105*		*70 - 130*	*02/20/26 11:17*	*02/24/26 01:19*	*1*
1,4-Difluorobenzene (Surr)	*110*		*70 - 130*	*02/20/26 11:17*	*02/24/26 01:19*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			02/24/26 01:19	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			02/26/26 04:25	1

Client Sample Results

Client: Earth Systems Response and Restoration
Project/Site: Junior Mint CTB

Job ID: 890-9524-1
SDG: Lea County,NM

Client Sample ID: HA-1
Date Collected: 02/18/26 08:10
Date Received: 02/18/26 16:18
Sample Depth: 2

Lab Sample ID: 890-9524-3
Matrix: Solid

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		02/19/26 08:58	02/26/26 04:25	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		02/19/26 08:58	02/26/26 04:25	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		02/19/26 08:58	02/26/26 04:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*118*		*70 - 130*	*02/19/26 08:58*	*02/26/26 04:25*	*1*
o-Terphenyl	*114*		*70 - 130*	*02/19/26 08:58*	*02/26/26 04:25*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**65.2**		9.92		mg/Kg			02/20/26 18:10	1

Client Sample ID: HA-1
Date Collected: 02/18/26 08:15
Date Received: 02/18/26 16:18
Sample Depth: 3

Lab Sample ID: 890-9524-4
Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		02/20/26 11:17	02/24/26 01:39	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/20/26 11:17	02/24/26 01:39	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/20/26 11:17	02/24/26 01:39	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		02/20/26 11:17	02/24/26 01:39	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/20/26 11:17	02/24/26 01:39	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		02/20/26 11:17	02/24/26 01:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*107*		*70 - 130*	*02/20/26 11:17*	*02/24/26 01:39*	*1*
1,4-Difluorobenzene (Surr)	*109*		*70 - 130*	*02/20/26 11:17*	*02/24/26 01:39*	*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			02/24/26 01:39	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			02/26/26 04:39	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		02/19/26 08:58	02/26/26 04:39	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		02/19/26 08:58	02/26/26 04:39	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		02/19/26 08:58	02/26/26 04:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*120*		*70 - 130*	*02/19/26 08:58*	*02/26/26 04:39*	*1*
o-Terphenyl	*114*		*70 - 130*	*02/19/26 08:58*	*02/26/26 04:39*	*1*

Client Sample Results

Client: Earth Systems Response and Restoration
Project/Site: Junior Mint CTB

Job ID: 890-9524-1
SDG: Lea County,NM

Client Sample ID: HA-1
Date Collected: 02/18/26 08:15
Date Received: 02/18/26 16:18
Sample Depth: 3

Lab Sample ID: 890-9524-4
Matrix: Solid

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**52.3**		10.0		mg/Kg			02/20/26 18:15	1

Client Sample ID: HA-2
Date Collected: 02/18/26 08:20
Date Received: 02/18/26 16:18
Sample Depth: 0.5

Lab Sample ID: 890-9524-5
Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		02/20/26 11:17	02/24/26 02:00	1
Toluene	<0.00201	U	0.00201		mg/Kg		02/20/26 11:17	02/24/26 02:00	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		02/20/26 11:17	02/24/26 02:00	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		02/20/26 11:17	02/24/26 02:00	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		02/20/26 11:17	02/24/26 02:00	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		02/20/26 11:17	02/24/26 02:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*110*		*70 - 130*	*02/20/26 11:17*	*02/24/26 02:00*	*1*
1,4-Difluorobenzene (Surr)	*113*		*70 - 130*	*02/20/26 11:17*	*02/24/26 02:00*	*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			02/24/26 02:00	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**100**		50.0		mg/Kg			02/26/26 04:55	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		02/19/26 08:58	02/26/26 04:55	1
Diesel Range Organics (Over C10-C28)	**100**		50.0		mg/Kg		02/19/26 08:58	02/26/26 04:55	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		02/19/26 08:58	02/26/26 04:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*118*		*70 - 130*	*02/19/26 08:58*	*02/26/26 04:55*	*1*
o-Terphenyl	*113*		*70 - 130*	*02/19/26 08:58*	*02/26/26 04:55*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**204**		9.96		mg/Kg			02/20/26 18:21	1

Client Sample Results

Client: Earth Systems Response and Restoration
Project/Site: Junior Mint CTB

Job ID: 890-9524-1
SDG: Lea County,NM

Client Sample ID: HA-2
Date Collected: 02/18/26 08:25
Date Received: 02/18/26 16:18
Sample Depth: 1

Lab Sample ID: 890-9524-6
Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		02/20/26 11:17	02/24/26 03:23	1
Toluene	<0.00202	U	0.00202		mg/Kg		02/20/26 11:17	02/24/26 03:23	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		02/20/26 11:17	02/24/26 03:23	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		02/20/26 11:17	02/24/26 03:23	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		02/20/26 11:17	02/24/26 03:23	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		02/20/26 11:17	02/24/26 03:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*104*		*70 - 130*	*02/20/26 11:17*	*02/24/26 03:23*	*1*
1,4-Difluorobenzene (Surr)	*110*		*70 - 130*	*02/20/26 11:17*	*02/24/26 03:23*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			02/24/26 03:23	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			02/26/26 05:10	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		02/19/26 08:58	02/26/26 05:10	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		02/19/26 08:58	02/26/26 05:10	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		02/19/26 08:58	02/26/26 05:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*121*		*70 - 130*	*02/19/26 08:58*	*02/26/26 05:10*	*1*
o-Terphenyl	*115*		*70 - 130*	*02/19/26 08:58*	*02/26/26 05:10*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**161**		9.96		mg/Kg			02/20/26 18:37	1

Client Sample ID: HA-2
Date Collected: 02/18/26 08:30
Date Received: 02/18/26 16:18
Sample Depth: 2

Lab Sample ID: 890-9524-7
Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		02/20/26 11:17	02/24/26 03:43	1
Toluene	<0.00199	U	0.00199		mg/Kg		02/20/26 11:17	02/24/26 03:43	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		02/20/26 11:17	02/24/26 03:43	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		02/20/26 11:17	02/24/26 03:43	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		02/20/26 11:17	02/24/26 03:43	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		02/20/26 11:17	02/24/26 03:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*102*		*70 - 130*	*02/20/26 11:17*	*02/24/26 03:43*	*1*

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Client Sample Results

Client: Earth Systems Response and Restoration
Project/Site: Junior Mint CTB

Job ID: 890-9524-1
SDG: Lea County,NM

Client Sample ID: HA-2

Date Collected: 02/18/26 08:30
Date Received: 02/18/26 16:18
Sample Depth: 2

Lab Sample ID: 890-9524-7
Matrix: Solid

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

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Difluorobenzene (Surr)	*108*		*70 - 130*	*02/20/26 11:17*	*02/24/26 03:43*	*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			02/24/26 03:43	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**58.9**		49.8		mg/Kg			02/26/26 05:25	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		02/19/26 08:58	02/26/26 05:25	1
Diesel Range Organics (Over C10-C28)	**58.9**		49.8		mg/Kg		02/19/26 08:58	02/26/26 05:25	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		02/19/26 08:58	02/26/26 05:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*103*		*70 - 130*	*02/19/26 08:58*	*02/26/26 05:25*	*1*
o-Terphenyl	*103*		*70 - 130*	*02/19/26 08:58*	*02/26/26 05:25*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**72.5**		9.92		mg/Kg			02/20/26 18:42	1

Client Sample ID: HA-2

Date Collected: 02/18/26 08:35
Date Received: 02/18/26 16:18
Sample Depth: 3

Lab Sample ID: 890-9524-8
Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		02/20/26 11:17	02/24/26 04:04	1
Toluene	<0.00198	U	0.00198		mg/Kg		02/20/26 11:17	02/24/26 04:04	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		02/20/26 11:17	02/24/26 04:04	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		02/20/26 11:17	02/24/26 04:04	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		02/20/26 11:17	02/24/26 04:04	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		02/20/26 11:17	02/24/26 04:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*106*		*70 - 130*	*02/20/26 11:17*	*02/24/26 04:04*	*1*
1,4-Difluorobenzene (Surr)	*114*		*70 - 130*	*02/20/26 11:17*	*02/24/26 04:04*	*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			02/24/26 04:04	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			02/26/26 05:40	1

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Client Sample Results

Client: Earth Systems Response and Restoration
Project/Site: Junior Mint CTB

Job ID: 890-9524-1
SDG: Lea County,NM

Client Sample ID: HA-2

Lab Sample ID: 890-9524-8
Matrix: Solid
Date Collected: 02/18/26 08:35
Date Received: 02/18/26 16:18
Sample Depth: 3

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		02/19/26 08:58	02/26/26 05:40	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		02/19/26 08:58	02/26/26 05:40	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		02/19/26 08:58	02/26/26 05:40	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*121*		*70 - 130*	*02/19/26 08:58*	*02/26/26 05:40*	*1*
o-Terphenyl	*117*		*70 - 130*	*02/19/26 08:58*	*02/26/26 05:40*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**14.0**		10.1		mg/Kg			02/20/26 18:58	1

Client Sample ID: HA-3

Lab Sample ID: 890-9524-9
Matrix: Solid
Date Collected: 02/18/26 08:40
Date Received: 02/18/26 16:18
Sample Depth: 0.5

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		02/20/26 11:17	02/24/26 04:24	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/20/26 11:17	02/24/26 04:24	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/20/26 11:17	02/24/26 04:24	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		02/20/26 11:17	02/24/26 04:24	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/20/26 11:17	02/24/26 04:24	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		02/20/26 11:17	02/24/26 04:24	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*105*		*70 - 130*	*02/20/26 11:17*	*02/24/26 04:24*	*1*
1,4-Difluorobenzene (Surr)	*108*		*70 - 130*	*02/20/26 11:17*	*02/24/26 04:24*	*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			02/24/26 04:24	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			02/26/26 06:09	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		02/19/26 08:58	02/26/26 06:09	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		02/19/26 08:58	02/26/26 06:09	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		02/19/26 08:58	02/26/26 06:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*127*		*70 - 130*	*02/19/26 08:58*	*02/26/26 06:09*	*1*
o-Terphenyl	*121*		*70 - 130*	*02/19/26 08:58*	*02/26/26 06:09*	*1*

Client Sample Results

Client: Earth Systems Response and Restoration
Project/Site: Junior Mint CTB

Job ID: 890-9524-1
SDG: Lea County,NM

Client Sample ID: HA-3
Date Collected: 02/18/26 08:40
Date Received: 02/18/26 16:18
Sample Depth: 0.5

Lab Sample ID: 890-9524-9
Matrix: Solid

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	308		10.0		mg/Kg			02/20/26 19:03	1

Client Sample ID: HA-3
Date Collected: 02/18/26 08:45
Date Received: 02/18/26 16:18
Sample Depth: 1

Lab Sample ID: 890-9524-10
Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		02/20/26 11:17	02/24/26 04:45	1
Toluene	<0.00201	U	0.00201		mg/Kg		02/20/26 11:17	02/24/26 04:45	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		02/20/26 11:17	02/24/26 04:45	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		02/20/26 11:17	02/24/26 04:45	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		02/20/26 11:17	02/24/26 04:45	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		02/20/26 11:17	02/24/26 04:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*105*		*70 - 130*	*02/20/26 11:17*	*02/24/26 04:45*	*1*
1,4-Difluorobenzene (Surr)	*104*		*70 - 130*	*02/20/26 11:17*	*02/24/26 04:45*	*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			02/24/26 04:45	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			02/26/26 06:24	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		02/19/26 08:58	02/26/26 06:24	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		02/19/26 08:58	02/26/26 06:24	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		02/19/26 08:58	02/26/26 06:24	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*116*		*70 - 130*	*02/19/26 08:58*	*02/26/26 06:24*	*1*
o-Terphenyl	*110*		*70 - 130*	*02/19/26 08:58*	*02/26/26 06:24*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	135		9.94		mg/Kg			02/20/26 19:09	1

Client Sample Results

Client: Earth Systems Response and Restoration
Project/Site: Junior Mint CTB

Job ID: 890-9524-1
SDG: Lea County,NM

Client Sample ID: HA-4

Date Collected: 02/18/26 08:50
Date Received: 02/18/26 16:18
Sample Depth: 0.5

Lab Sample ID: 890-9524-11
Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		02/20/26 11:17	02/24/26 05:06	1
Toluene	<0.00202	U	0.00202		mg/Kg		02/20/26 11:17	02/24/26 05:06	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		02/20/26 11:17	02/24/26 05:06	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		02/20/26 11:17	02/24/26 05:06	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		02/20/26 11:17	02/24/26 05:06	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		02/20/26 11:17	02/24/26 05:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*112*		*70 - 130*	*02/20/26 11:17*	*02/24/26 05:06*	*1*
1,4-Difluorobenzene (Surr)	*118*		*70 - 130*	*02/20/26 11:17*	*02/24/26 05:06*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			02/24/26 05:06	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**57.3**		49.9		mg/Kg			02/26/26 06:39	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		02/19/26 08:58	02/26/26 06:39	1
Diesel Range Organics (Over C10-C28)	**57.3**		49.9		mg/Kg		02/19/26 08:58	02/26/26 06:39	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		02/19/26 08:58	02/26/26 06:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*120*		*70 - 130*	*02/19/26 08:58*	*02/26/26 06:39*	*1*
o-Terphenyl	*116*		*70 - 130*	*02/19/26 08:58*	*02/26/26 06:39*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**421**		9.94		mg/Kg			02/20/26 19:14	1

Client Sample ID: HA-4

Date Collected: 02/18/26 08:55
Date Received: 02/18/26 16:18
Sample Depth: 1

Lab Sample ID: 890-9524-12
Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		02/20/26 11:17	02/24/26 05:26	1
Toluene	<0.00199	U	0.00199		mg/Kg		02/20/26 11:17	02/24/26 05:26	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		02/20/26 11:17	02/24/26 05:26	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		02/20/26 11:17	02/24/26 05:26	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		02/20/26 11:17	02/24/26 05:26	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		02/20/26 11:17	02/24/26 05:26	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*107*		*70 - 130*	*02/20/26 11:17*	*02/24/26 05:26*	*1*

Client Sample Results

Client: Earth Systems Response and Restoration
Project/Site: Junior Mint CTB

Job ID: 890-9524-1
SDG: Lea County,NM

Client Sample ID: HA-4
Date Collected: 02/18/26 08:55
Date Received: 02/18/26 16:18
Sample Depth: 1

Lab Sample ID: 890-9524-12
Matrix: Solid

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	*110*		*70 - 130*	*02/20/26 11:17*	*02/24/26 05:26*	*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			02/24/26 05:26	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			02/26/26 06:54	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		02/19/26 08:58	02/26/26 06:54	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		02/19/26 08:58	02/26/26 06:54	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		02/19/26 08:58	02/26/26 06:54	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	*120*		*70 - 130*	*02/19/26 08:58*	*02/26/26 06:54*	*1*
o-Terphenyl	*117*		*70 - 130*	*02/19/26 08:58*	*02/26/26 06:54*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**170**		9.96		mg/Kg			02/20/26 19:19	1

Surrogate Summary

Client: Earth Systems Response and Restoration
Project/Site: Junior Mint CTB

Job ID: 890-9524-1
SDG: Lea County,NM

Method: 8021B - Volatile Organic Compounds (GC)

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

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	BFB1 (70-130)	DFBZ1 (70-130)
890-9524-1	HA-1	316 S1+	112
890-9524-2	HA-1	111	112
890-9524-3	HA-1	105	110
890-9524-4	HA-1	107	109
890-9524-5	HA-2	110	113
890-9524-6	HA-2	104	110
890-9524-7	HA-2	102	108
890-9524-8	HA-2	106	114
890-9524-9	HA-3	105	108
890-9524-10	HA-3	105	104
890-9524-11	HA-4	112	118
890-9524-12	HA-4	107	110
LCS 880-132510/1-A	Lab Control Sample	104	111
LCSD 880-132510/2-A	Lab Control Sample Dup	105	111
MB 880-132486/5-A	Method Blank	100	107
MB 880-132510/5-A	Method Blank	102	107

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)
DFBZ = 1,4-Difluorobenzene (Surr)

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

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

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	1CO1 (70-130)	OTPH1 (70-130)
890-9524-1	HA-1	121	132 S1+
890-9524-2	HA-1	119	115
890-9524-3	HA-1	118	114
890-9524-4	HA-1	120	114
890-9524-5	HA-2	118	113
890-9524-6	HA-2	121	115
890-9524-7	HA-2	103	103
890-9524-8	HA-2	121	117
890-9524-9	HA-3	127	121
890-9524-10	HA-3	116	110
890-9524-11	HA-4	120	116
890-9524-12	HA-4	120	117
LCS 880-132333/2-A	Lab Control Sample	100	103
LCSD 880-132333/3-A	Lab Control Sample Dup	107	109
MB 880-132333/1-A	Method Blank	118	111

Surrogate Legend

1CO = 1-Chlorooctane
OTPH = o-Terphenyl

QC Sample Results

Client: Earth Systems Response and Restoration
Project/Site: Junior Mint CTB

Job ID: 890-9524-1
SDG: Lea County,NM

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-132486/5-A
Matrix: Solid
Analysis Batch: 132661

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 132486

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		02/20/26 10:27	02/23/26 11:52	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/20/26 10:27	02/23/26 11:52	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/20/26 10:27	02/23/26 11:52	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		02/20/26 10:27	02/23/26 11:52	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/20/26 10:27	02/23/26 11:52	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		02/20/26 10:27	02/23/26 11:52	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*100*		*70 - 130*	*02/20/26 10:27*	*02/23/26 11:52*	*1*
1,4-Difluorobenzene (Surr)	*107*		*70 - 130*	*02/20/26 10:27*	*02/23/26 11:52*	*1*

Lab Sample ID: MB 880-132510/5-A
Matrix: Solid
Analysis Batch: 132661

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 132510

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		02/20/26 11:17	02/23/26 22:32	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/20/26 11:17	02/23/26 22:32	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/20/26 11:17	02/23/26 22:32	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		02/20/26 11:17	02/23/26 22:32	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/20/26 11:17	02/23/26 22:32	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		02/20/26 11:17	02/23/26 22:32	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*102*		*70 - 130*	*02/20/26 11:17*	*02/23/26 22:32*	*1*
1,4-Difluorobenzene (Surr)	*107*		*70 - 130*	*02/20/26 11:17*	*02/23/26 22:32*	*1*

Lab Sample ID: LCS 880-132510/1-A
Matrix: Solid
Analysis Batch: 132661

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 132510

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.09143		mg/Kg		91	70 - 130
Toluene	0.100	0.08484		mg/Kg		85	70 - 130
Ethylbenzene	0.100	0.09334		mg/Kg		93	70 - 130
m-Xylene & p-Xylene	0.200	0.1821		mg/Kg		91	70 - 130
o-Xylene	0.100	0.08601		mg/Kg		86	70 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*104*		*70 - 130*
1,4-Difluorobenzene (Surr)	*111*		*70 - 130*

Lab Sample ID: LCSD 880-132510/2-A
Matrix: Solid
Analysis Batch: 132661

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 132510

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.08481		mg/Kg		85	70 - 130	8	35

QC Sample Results

Client: Earth Systems Response and Restoration
Project/Site: Junior Mint CTB

Job ID: 890-9524-1
SDG: Lea County,NM

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

Lab Sample ID: LCSD 880-132510/2-A
Matrix: Solid
Analysis Batch: 132661

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 132510

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Toluene			0.100	0.07936		mg/Kg		79	70 - 130	7	35
Ethylbenzene			0.100	0.08448		mg/Kg		84	70 - 130	10	35
m-Xylene & p-Xylene			0.200	0.1672		mg/Kg		84	70 - 130	9	35
o-Xylene			0.100	0.07904		mg/Kg		79	70 - 130	8	35

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*105*		*70 - 130*
1,4-Difluorobenzene (Surr)	*111*		*70 - 130*

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

Lab Sample ID: MB 880-132333/1-A
Matrix: Solid
Analysis Batch: 132933

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 132333

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		02/19/26 08:58	02/26/26 02:08	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		02/19/26 08:58	02/26/26 02:08	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		02/19/26 08:58	02/26/26 02:08	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*118*		*70 - 130*	*02/19/26 08:58*	*02/26/26 02:08*	*1*
o-Terphenyl	*111*		*70 - 130*	*02/19/26 08:58*	*02/26/26 02:08*	*1*

Lab Sample ID: LCS 880-132333/2-A
Matrix: Solid
Analysis Batch: 132933

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 132333

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10			1000	922.3		mg/Kg		92	70 - 130		
Diesel Range Organics (Over C10-C28)			1000	975.7		mg/Kg		98	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1-Chlorooctane	*100*		*70 - 130*
o-Terphenyl	*103*		*70 - 130*

Lab Sample ID: LCSD 880-132333/3-A
Matrix: Solid
Analysis Batch: 132933

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 132333

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	1030		mg/Kg		103	70 - 130	11	20
Diesel Range Organics (Over C10-C28)			1000	1070		mg/Kg		107	70 - 130	9	20

QC Sample Results

Client: Earth Systems Response and Restoration
Project/Site: Junior Mint CTB

Job ID: 890-9524-1
SDG: Lea County,NM

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

Lab Sample ID: LCSD 880-132333/3-A
Matrix: Solid
Analysis Batch: 132933

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 132333

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1-Chlorooctane	*107*		*70 - 130*
o-Terphenyl	*109*		*70 - 130*

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-132433/1-A
Matrix: Solid
Analysis Batch: 132470

Client Sample ID: Method Blank
Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0		mg/Kg			02/20/26 16:50	1

Lab Sample ID: LCS 880-132433/2-A
Matrix: Solid
Analysis Batch: 132470

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride			250	236.3		mg/Kg		95	90 - 110		

Lab Sample ID: LCSD 880-132433/3-A
Matrix: Solid
Analysis Batch: 132470

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	257.1		mg/Kg		103	90 - 110	8	20

Lab Sample ID: 890-9524-5 MS
Matrix: Solid
Analysis Batch: 132470

Client Sample ID: HA-2
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	204		249	452.0		mg/Kg		100	90 - 110		

Lab Sample ID: 890-9524-5 MSD
Matrix: Solid
Analysis Batch: 132470

Client Sample ID: HA-2
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	204		249	476.4		mg/Kg		109	90 - 110	5	20

QC Association Summary

Client: Earth Systems Response and Restoration
Project/Site: Junior Mint CTB

Job ID: 890-9524-1
SDG: Lea County,NM

GC VOA

Prep Batch: 132486

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-132486/5-A	Method Blank	Total/NA	Solid	5035	

Prep Batch: 132510

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9524-1	HA-1	Total/NA	Solid	5035	
890-9524-2	HA-1	Total/NA	Solid	5035	
890-9524-3	HA-1	Total/NA	Solid	5035	
890-9524-4	HA-1	Total/NA	Solid	5035	
890-9524-5	HA-2	Total/NA	Solid	5035	
890-9524-6	HA-2	Total/NA	Solid	5035	
890-9524-7	HA-2	Total/NA	Solid	5035	
890-9524-8	HA-2	Total/NA	Solid	5035	
890-9524-9	HA-3	Total/NA	Solid	5035	
890-9524-10	HA-3	Total/NA	Solid	5035	
890-9524-11	HA-4	Total/NA	Solid	5035	
890-9524-12	HA-4	Total/NA	Solid	5035	
MB 880-132510/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-132510/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-132510/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	

Analysis Batch: 132661

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9524-1	HA-1	Total/NA	Solid	8021B	132510
890-9524-2	HA-1	Total/NA	Solid	8021B	132510
890-9524-3	HA-1	Total/NA	Solid	8021B	132510
890-9524-4	HA-1	Total/NA	Solid	8021B	132510
890-9524-5	HA-2	Total/NA	Solid	8021B	132510
890-9524-6	HA-2	Total/NA	Solid	8021B	132510
890-9524-7	HA-2	Total/NA	Solid	8021B	132510
890-9524-8	HA-2	Total/NA	Solid	8021B	132510
890-9524-9	HA-3	Total/NA	Solid	8021B	132510
890-9524-10	HA-3	Total/NA	Solid	8021B	132510
890-9524-11	HA-4	Total/NA	Solid	8021B	132510
890-9524-12	HA-4	Total/NA	Solid	8021B	132510
MB 880-132486/5-A	Method Blank	Total/NA	Solid	8021B	132486
MB 880-132510/5-A	Method Blank	Total/NA	Solid	8021B	132510
LCS 880-132510/1-A	Lab Control Sample	Total/NA	Solid	8021B	132510
LCSD 880-132510/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	132510

Analysis Batch: 132846

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9524-1	HA-1	Total/NA	Solid	Total BTEX	
890-9524-2	HA-1	Total/NA	Solid	Total BTEX	
890-9524-3	HA-1	Total/NA	Solid	Total BTEX	
890-9524-4	HA-1	Total/NA	Solid	Total BTEX	
890-9524-5	HA-2	Total/NA	Solid	Total BTEX	
890-9524-6	HA-2	Total/NA	Solid	Total BTEX	
890-9524-7	HA-2	Total/NA	Solid	Total BTEX	
890-9524-8	HA-2	Total/NA	Solid	Total BTEX	
890-9524-9	HA-3	Total/NA	Solid	Total BTEX	
890-9524-10	HA-3	Total/NA	Solid	Total BTEX	

QC Association Summary

Client: Earth Systems Response and Restoration
Project/Site: Junior Mint CTB

Job ID: 890-9524-1
SDG: Lea County,NM

GC VOA (Continued)

Analysis Batch: 132846 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9524-11	HA-4	Total/NA	Solid	Total BTEX	
890-9524-12	HA-4	Total/NA	Solid	Total BTEX	

GC Semi VOA

Prep Batch: 132333

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9524-1	HA-1	Total/NA	Solid	8015NM Prep	
890-9524-2	HA-1	Total/NA	Solid	8015NM Prep	
890-9524-3	HA-1	Total/NA	Solid	8015NM Prep	
890-9524-4	HA-1	Total/NA	Solid	8015NM Prep	
890-9524-5	HA-2	Total/NA	Solid	8015NM Prep	
890-9524-6	HA-2	Total/NA	Solid	8015NM Prep	
890-9524-7	HA-2	Total/NA	Solid	8015NM Prep	
890-9524-8	HA-2	Total/NA	Solid	8015NM Prep	
890-9524-9	HA-3	Total/NA	Solid	8015NM Prep	
890-9524-10	HA-3	Total/NA	Solid	8015NM Prep	
890-9524-11	HA-4	Total/NA	Solid	8015NM Prep	
890-9524-12	HA-4	Total/NA	Solid	8015NM Prep	
MB 880-132333/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-132333/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-132333/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	

Analysis Batch: 132933

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9524-1	HA-1	Total/NA	Solid	8015B NM	132333
890-9524-2	HA-1	Total/NA	Solid	8015B NM	132333
890-9524-3	HA-1	Total/NA	Solid	8015B NM	132333
890-9524-4	HA-1	Total/NA	Solid	8015B NM	132333
890-9524-5	HA-2	Total/NA	Solid	8015B NM	132333
890-9524-6	HA-2	Total/NA	Solid	8015B NM	132333
890-9524-7	HA-2	Total/NA	Solid	8015B NM	132333
890-9524-8	HA-2	Total/NA	Solid	8015B NM	132333
890-9524-9	HA-3	Total/NA	Solid	8015B NM	132333
890-9524-10	HA-3	Total/NA	Solid	8015B NM	132333
890-9524-11	HA-4	Total/NA	Solid	8015B NM	132333
890-9524-12	HA-4	Total/NA	Solid	8015B NM	132333
MB 880-132333/1-A	Method Blank	Total/NA	Solid	8015B NM	132333
LCS 880-132333/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	132333
LCSD 880-132333/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	132333

Analysis Batch: 133075

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9524-1	HA-1	Total/NA	Solid	8015 NM	
890-9524-2	HA-1	Total/NA	Solid	8015 NM	
890-9524-3	HA-1	Total/NA	Solid	8015 NM	
890-9524-4	HA-1	Total/NA	Solid	8015 NM	
890-9524-5	HA-2	Total/NA	Solid	8015 NM	
890-9524-6	HA-2	Total/NA	Solid	8015 NM	
890-9524-7	HA-2	Total/NA	Solid	8015 NM	
890-9524-8	HA-2	Total/NA	Solid	8015 NM	

QC Association Summary

Client: Earth Systems Response and Restoration
Project/Site: Junior Mint CTB

Job ID: 890-9524-1
SDG: Lea County,NM

GC Semi VOA (Continued)

Analysis Batch: 133075 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9524-9	HA-3	Total/NA	Solid	8015 NM	
890-9524-10	HA-3	Total/NA	Solid	8015 NM	
890-9524-11	HA-4	Total/NA	Solid	8015 NM	
890-9524-12	HA-4	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 132433

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9524-1	HA-1	Soluble	Solid	DI Leach	
890-9524-2	HA-1	Soluble	Solid	DI Leach	
890-9524-3	HA-1	Soluble	Solid	DI Leach	
890-9524-4	HA-1	Soluble	Solid	DI Leach	
890-9524-5	HA-2	Soluble	Solid	DI Leach	
890-9524-6	HA-2	Soluble	Solid	DI Leach	
890-9524-7	HA-2	Soluble	Solid	DI Leach	
890-9524-8	HA-2	Soluble	Solid	DI Leach	
890-9524-9	HA-3	Soluble	Solid	DI Leach	
890-9524-10	HA-3	Soluble	Solid	DI Leach	
890-9524-11	HA-4	Soluble	Solid	DI Leach	
890-9524-12	HA-4	Soluble	Solid	DI Leach	
MB 880-132433/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-132433/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-132433/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
890-9524-5 MS	HA-2	Soluble	Solid	DI Leach	
890-9524-5 MSD	HA-2	Soluble	Solid	DI Leach	

Analysis Batch: 132470

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9524-1	HA-1	Soluble	Solid	300.0	132433
890-9524-2	HA-1	Soluble	Solid	300.0	132433
890-9524-3	HA-1	Soluble	Solid	300.0	132433
890-9524-4	HA-1	Soluble	Solid	300.0	132433
890-9524-5	HA-2	Soluble	Solid	300.0	132433
890-9524-6	HA-2	Soluble	Solid	300.0	132433
890-9524-7	HA-2	Soluble	Solid	300.0	132433
890-9524-8	HA-2	Soluble	Solid	300.0	132433
890-9524-9	HA-3	Soluble	Solid	300.0	132433
890-9524-10	HA-3	Soluble	Solid	300.0	132433
890-9524-11	HA-4	Soluble	Solid	300.0	132433
890-9524-12	HA-4	Soluble	Solid	300.0	132433
MB 880-132433/1-A	Method Blank	Soluble	Solid	300.0	132433
LCS 880-132433/2-A	Lab Control Sample	Soluble	Solid	300.0	132433
LCSD 880-132433/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	132433
890-9524-5 MS	HA-2	Soluble	Solid	300.0	132433
890-9524-5 MSD	HA-2	Soluble	Solid	300.0	132433

Lab Chronicle

Client: Earth Systems Response and Restoration
Project/Site: Junior Mint CTB

Job ID: 890-9524-1
SDG: Lea County,NM

Client Sample ID: HA-1
Date Collected: 02/18/26 08:00
Date Received: 02/18/26 16:18

Lab Sample ID: 890-9524-1
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	132510	02/20/26 11:17	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	132661	02/24/26 00:37	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			132846	02/24/26 00:37	SA	EET MID
Total/NA	Analysis	8015 NM		1			133075	02/26/26 03:55	SA	EET MID
Total/NA	Prep	8015NM Prep			9.92 g	10.00 mL	132333	02/19/26 08:58	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	132933	02/26/26 03:55	FC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	132433	02/20/26 08:01	SA	EET MID
Soluble	Analysis	300.0		1			132470	02/20/26 17:59	CS	EET MID

Client Sample ID: HA-1
Date Collected: 02/18/26 08:05
Date Received: 02/18/26 16:18

Lab Sample ID: 890-9524-2
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	132510	02/20/26 11:17	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	132661	02/24/26 00:58	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			132846	02/24/26 00:58	SA	EET MID
Total/NA	Analysis	8015 NM		1			133075	02/26/26 04:09	SA	EET MID
Total/NA	Prep	8015NM Prep			9.90 g	10.00 mL	132333	02/19/26 08:58	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	132933	02/26/26 04:09	FC	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	132433	02/20/26 08:01	SA	EET MID
Soluble	Analysis	300.0		1			132470	02/20/26 18:05	CS	EET MID

Client Sample ID: HA-1
Date Collected: 02/18/26 08:10
Date Received: 02/18/26 16:18

Lab Sample ID: 890-9524-3
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	132510	02/20/26 11:17	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	132661	02/24/26 01:19	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			132846	02/24/26 01:19	SA	EET MID
Total/NA	Analysis	8015 NM		1			133075	02/26/26 04:25	SA	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10.00 mL	132333	02/19/26 08:58	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	132933	02/26/26 04:25	FC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	132433	02/20/26 08:01	SA	EET MID
Soluble	Analysis	300.0		1			132470	02/20/26 18:10	CS	EET MID

Client Sample ID: HA-1
Date Collected: 02/18/26 08:15
Date Received: 02/18/26 16:18

Lab Sample ID: 890-9524-4
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	132510	02/20/26 11:17	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	132661	02/24/26 01:39	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			132846	02/24/26 01:39	SA	EET MID

Eurofins Carlsbad

Lab Chronicle

Client: Earth Systems Response and Restoration
Project/Site: Junior Mint CTB

Job ID: 890-9524-1
SDG: Lea County,NM

Client Sample ID: HA-1
Date Collected: 02/18/26 08:15
Date Received: 02/18/26 16:18

Lab Sample ID: 890-9524-4
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			133075	02/26/26 04:39	SA	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10.00 mL	132333	02/19/26 08:58	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	132933	02/26/26 04:39	FC	EET MID
Soluble	Leach	DI Leach			5.00 g	50 mL	132433	02/20/26 08:01	SA	EET MID
Soluble	Analysis	300.0		1			132470	02/20/26 18:15	CS	EET MID

Client Sample ID: HA-2
Date Collected: 02/18/26 08:20
Date Received: 02/18/26 16:18

Lab Sample ID: 890-9524-5
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	132510	02/20/26 11:17	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	132661	02/24/26 02:00	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			132846	02/24/26 02:00	SA	EET MID
Total/NA	Analysis	8015 NM		1			133075	02/26/26 04:55	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	132333	02/19/26 08:58	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	132933	02/26/26 04:55	FC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	132433	02/20/26 08:01	SA	EET MID
Soluble	Analysis	300.0		1			132470	02/20/26 18:21	CS	EET MID

Client Sample ID: HA-2
Date Collected: 02/18/26 08:25
Date Received: 02/18/26 16:18

Lab Sample ID: 890-9524-6
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	132510	02/20/26 11:17	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	132661	02/24/26 03:23	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			132846	02/24/26 03:23	SA	EET MID
Total/NA	Analysis	8015 NM		1			133075	02/26/26 05:10	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	132333	02/19/26 08:58	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	132933	02/26/26 05:10	FC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	132433	02/20/26 08:01	SA	EET MID
Soluble	Analysis	300.0		1			132470	02/20/26 18:37	CS	EET MID

Client Sample ID: HA-2
Date Collected: 02/18/26 08:30
Date Received: 02/18/26 16:18

Lab Sample ID: 890-9524-7
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	132510	02/20/26 11:17	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	132661	02/24/26 03:43	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			132846	02/24/26 03:43	SA	EET MID
Total/NA	Analysis	8015 NM		1			133075	02/26/26 05:25	SA	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10.00 mL	132333	02/19/26 08:58	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	132933	02/26/26 05:25	FC	EET MID

Eurofins Carlsbad

Lab Chronicle

Client: Earth Systems Response and Restoration
Project/Site: Junior Mint CTB

Job ID: 890-9524-1
SDG: Lea County,NM

Client Sample ID: HA-2
Date Collected: 02/18/26 08:30
Date Received: 02/18/26 16:18

Lab Sample ID: 890-9524-7
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.04 g	50 mL	132433	02/20/26 08:01	SA	EET MID
Soluble	Analysis	300.0		1			132470	02/20/26 18:42	CS	EET MID

Client Sample ID: HA-2
Date Collected: 02/18/26 08:35
Date Received: 02/18/26 16:18

Lab Sample ID: 890-9524-8
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	132510	02/20/26 11:17	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	132661	02/24/26 04:04	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			132846	02/24/26 04:04	SA	EET MID
Total/NA	Analysis	8015 NM		1			133075	02/26/26 05:40	SA	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10.00 mL	132333	02/19/26 08:58	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	132933	02/26/26 05:40	FC	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	132433	02/20/26 08:01	SA	EET MID
Soluble	Analysis	300.0		1			132470	02/20/26 18:58	CS	EET MID

Client Sample ID: HA-3
Date Collected: 02/18/26 08:40
Date Received: 02/18/26 16:18

Lab Sample ID: 890-9524-9
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	132510	02/20/26 11:17	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	132661	02/24/26 04:24	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			132846	02/24/26 04:24	SA	EET MID
Total/NA	Analysis	8015 NM		1			133075	02/26/26 06:09	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	132333	02/19/26 08:58	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	132933	02/26/26 06:09	FC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	132433	02/20/26 08:01	SA	EET MID
Soluble	Analysis	300.0		1			132470	02/20/26 19:03	CS	EET MID

Client Sample ID: HA-3
Date Collected: 02/18/26 08:45
Date Received: 02/18/26 16:18

Lab Sample ID: 890-9524-10
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	132510	02/20/26 11:17	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	132661	02/24/26 04:45	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			132846	02/24/26 04:45	SA	EET MID
Total/NA	Analysis	8015 NM		1			133075	02/26/26 06:24	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	132333	02/19/26 08:58	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	132933	02/26/26 06:24	FC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	132433	02/20/26 08:01	SA	EET MID
Soluble	Analysis	300.0		1			132470	02/20/26 19:09	CS	EET MID

Lab Chronicle

Client: Earth Systems Response and Restoration
Project/Site: Junior Mint CTB

Job ID: 890-9524-1
SDG: Lea County,NM

Client Sample ID: HA-4
Date Collected: 02/18/26 08:50
Date Received: 02/18/26 16:18

Lab Sample ID: 890-9524-11
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	132510	02/20/26 11:17	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	132661	02/24/26 05:06	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			132846	02/24/26 05:06	SA	EET MID
Total/NA	Analysis	8015 NM		1			133075	02/26/26 06:39	SA	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10.00 mL	132333	02/19/26 08:58	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	132933	02/26/26 06:39	FC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	132433	02/20/26 08:01	SA	EET MID
Soluble	Analysis	300.0		1			132470	02/20/26 19:14	CS	EET MID

Client Sample ID: HA-4
Date Collected: 02/18/26 08:55
Date Received: 02/18/26 16:18

Lab Sample ID: 890-9524-12
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	132510	02/20/26 11:17	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	132661	02/24/26 05:26	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			132846	02/24/26 05:26	SA	EET MID
Total/NA	Analysis	8015 NM		1			133075	02/26/26 06:54	SA	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10.00 mL	132333	02/19/26 08:58	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	132933	02/26/26 06:54	FC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	132433	02/20/26 08:01	SA	EET MID
Soluble	Analysis	300.0		1			132470	02/20/26 19:19	CS	EET MID

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

Accreditation/Certification Summary

Client: Earth Systems Response and Restoration
Job ID: 890-9524-1
Project/Site: Junior Mint CTB
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	06-30-26

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

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

Method Summary

Client: Earth Systems Response and Restoration
Project/Site: Junior Mint CTB

Job ID: 890-9524-1
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: Earth Systems Response and Restoration
Project/Site: Junior Mint CTB

Job ID: 890-9524-1
SDG: Lea County,NM

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Depth
890-9524-1	HA-1	Solid	02/18/26 08:00	02/18/26 16:18	0.5
890-9524-2	HA-1	Solid	02/18/26 08:05	02/18/26 16:18	1
890-9524-3	HA-1	Solid	02/18/26 08:10	02/18/26 16:18	2
890-9524-4	HA-1	Solid	02/18/26 08:15	02/18/26 16:18	3
890-9524-5	HA-2	Solid	02/18/26 08:20	02/18/26 16:18	0.5
890-9524-6	HA-2	Solid	02/18/26 08:25	02/18/26 16:18	1
890-9524-7	HA-2	Solid	02/18/26 08:30	02/18/26 16:18	2
890-9524-8	HA-2	Solid	02/18/26 08:35	02/18/26 16:18	3
890-9524-9	HA-3	Solid	02/18/26 08:40	02/18/26 16:18	0.5
890-9524-10	HA-3	Solid	02/18/26 08:45	02/18/26 16:18	1
890-9524-11	HA-4	Solid	02/18/26 08:50	02/18/26 16:18	0.5
890-9524-12	HA-4	Solid	02/18/26 08:55	02/18/26 16:18	1

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Chain of Custody

Houston, TX (281) 240-4200, Dallas, TX (214) 902-0300
Midland, TX (432) 704-5440, San Antonio, TX (210) 509-3334
EL Paso, TX (915) 585-3443, Lubbock, TX (806) 794-1296
Hobbs, NM (575) 392-7550, Carlsbad, NM (575) 988-3199

890-9524 Chain of Custody

www.xenco.com Page 1 of 2

Project Manager:	Gilbert Moreno	Bill to: (if different)	Earth Systems R & R
Company Name:	Earth Systems R&R	Company Name:	
Address:	1910 Resource Ct.	Address:	
City, State ZIP:	Carlsbad, NM, 88220	City, State ZIP:	
Phone:	832-541-7719	Email:	gmoreno@earthsys.net, sgiron@earthsys.net

Work Order Comments

Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐
State of Project:
Reporting: Level II ☐ Level III ☐ PST/UST ☐ TRRP ☐ Level IV ☐
Deliverables: EDD ☐ ADaPT ☐ Other:

Project Name:	Junior Mint CTB	Turn Around	☑ Routine ☐ Rush
Project Number:	8885	Due Date:	Routine TAT
Project Location:	Lea County, NM	TAT starts the day received by the lab, if received by 4:30pm	
Sampler's Name:	Santiago Giron, Michael Benini		
CC/ WO #:			

SAMPLE RECEIPT				
Temp Blank:	Yes No	Wet Ice:	Yes No	
Samples Received Intact:	Yes No	Thermometer ID:	Thermo	
Cooler Custody Seals:	Yes No N/A	Correction Factor:	-0.2	
Sample Custody Seals:	Yes No N/A	Temperature Reading:	5.2	
Total Containers:		Corrected Temperature:	5.0	

Preservative Codes

None: NO; DI Water: H_2O; Cool: Cool; MeOH: Me; HCL: HC; HNO_3: HN; H_2S0_4: H_2; NaOH: Na; H_3PO_4: HP; $NaHSO_4$: NABIS; $Na_2S_2O_3$: $NaSO_3$; Zn Acetate+NaOH: Zn; NaOH+Ascorbic Acid: SAPC

Sample Identification	Matrix	Date Sampled	Time Sampled	Depth	Grab/ Comp	# of Cont	Pres. Code	Parameters: TPH-NM	Chloride-NM	BTEX-NM	TDS	Cation/ Anion	TCLP-Metals	TCLP- BTEX	TCLP- RCI		Hold	24 Hr Rush				Sample Comments
HA - 1	S	2.18.26	8:00	0.5	Grab/	1		X	X	X												Incident Number
HA - 1	S	2.18.26	8:05	1	Grab/	1		X	X	X												nAPP2603461687
HA - 1	S	2.18.26	8:10	2	Grab/	1		X	X	X												
HA - 1	S	2.18.26	8:15	3	Grab/	1		X	X	X												
HA - 2	S	2.18.26	8:20	0.5	Grab/	1		X	X	X												
HA - 2	S	2.18.26	8:25	1	Grab/	1		X	X	X												
HA - 2	S	2.18.26	8:30	2	Grab/	1		X	X	X												
HA - 2	S	2.18.26	8:35	3	Grab/	1		X	X	X												
HA - 3	S	2.18.26	8:40	0.5	Grab/	1		X	X	X												
HA - 3	S	2.18.26	8:45	1	Grab/	1		X	X	X												

Total 200.7 / 6010 200.8 / 6020: 8RCRA 13PPM Texas 11 Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO_2 Na Sr Tl Sn U V Zn

Circle Method(s) and Metal(s) to be analyzed TCLP / SPLP 6010: 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Tl U Hg: 1631 / 245.1 / 7470 / 7471

Notice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Eurofins Xenco, its affiliates and subcontractors. It assigns standard terms and conditions of service. Eurofins 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 Eurofins Xenco. A minimum charge of $85.00 will be applied to each project and a charge of $5 for each sample submitted to Eurofins 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 Michael Benini		2/18 16:18	2		
3			4		
5			6		

Revised Date: 08/25/2020 Rev. 2020.2

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Chain of Custody

Houston, TX (281) 240-4200, Dallas, TX (214) 902-0300
Midland, TX (432) 704-5440, San Antonio, TX (210) 509-3334
EL Paso, TX (915) 585-3443, Lubbock, TX (806) 794-1296
Hobbs, NM (575) 392-7550, Carlsbad, NM (575) 988-3199

Work Order No: _____

www.xenco.com Page 2 of 2

Project Manager:	Gilbert Moreno	Bill to: (if different)	Earth Systems R & R
Company Name:	Earth Systems R&R	Company Name:	
Address:	1910 Resource Ct.	Address:	
City, State ZIP:	Carlsbad, NM, 88220	City, State ZIP:	
Phone:	832-541-7719	Email:	gmoreno@earthsys.net, sgiron@earthsys.net

Work Order Comments

Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐
State of Project:
Reporting: Level II ☐ Level III ☐ PST/UST ☐ TRRP ☐ Level IV ☐
Deliverables: EDD ☐ ADaPT ☐ Other:

Project Name:	Junior Mint CTB	Turn Around	
Project Number:	8885	☑ Routine ☐ Rush	
Project Location:	Lea County, NM	Due Date:	Routine TAT
Sampler's Name:	Santiago Giron, Michael Benini	TAT starts the day received by the lab, if received by 4:30pm	
CC/ WO #:			

SAMPLE RECEIPT			
Temp Blank:	Yes No	Wet Ice:	Yes No
Samples Received Intact:	Yes No	Thermometer ID:	IR#37
Cooler Custody Seals:	Yes No N/A	Correction Factor:	-0.2
Sample Custody Seals:	Yes No N/A	Temperature Reading:	-5.2
Total Containers:		Corrected Temperature:	-5.0

Preservative Codes

None: NO; DI Water: H_2O; Cool: Cool; MeOH: Me; HCL: HC; HNO_3: HN; H_2S0_4: H_2; NaOH: Na; H_3PO_4: HP; $NaHSO_4$: NABIS; $Na_2S_2O_3$: $NaSO_3$; Zn Acetate+NaOH: Zn; NaOH+Ascorbic Acid: SAPC

Sample Identification	Matrix	Date Sampled	Time Sampled	Depth	Grab/ Comp	# of Cont	Pres. Code	Parameters	TPH-NM	Chloride-NM	BTEX-NM	TDS	Cation/ Anion	TCLP-Metals	TCLP- BTEX	TCLP- RCI		Hold	24 Hr Rush				Sample Comments
HA - 4	S	2.18.26	8:50	0.5	Grab/	1			X	X	X												Incident Number
HA - 4	S	2.18.26	8:55	1	Grab/	1			X	X	X												nAPP2603461687

Total 200.7 / 6010 200.8 / 6020: 8RCRA 13PPM Texas 11 Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO_2 Na Sr Tl Sn U V Zn

Circle Method(s) and Metal(s) to be analyzed **TCLP / SPLP 6010**: 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Tl U Hg: 1631 / 245.1 / 7470 / 7471

Notice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Eurofins Xenco, its affiliates and subcontractors. It assigns standard terms and conditions of service. Eurofins 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 Eurofins Xenco. A minimum charge of $85.00 will be applied to each project and a charge of $5 for each sample submitted to Eurofins 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 Michael Benini		2/18 16:18	2		
3			4		
			6		

Eurofins Carlsbad
1089 N Canal St.
Carlsbad, NM 88220
Phone 575-988-3199 Fax: 575-988-3199

Chain of Custody Record

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Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Teel, Brianna	Carrier Tracking No(s): N/A	COC No: 890-6534 1
Client Contact: Shipping/Receiving	Phone: N/A	E-Mail: Brianna Teel@et.eurofinsus.com	State of Origin: New Mexico	Page: Page 1 of 2
Company: Eurofins Environment Testing South Centr		Accreditations Required (See note): NELAP - Texas		Job #: 890-9524-1
Address: 1211 W Florida Ave, ,	Due Date Requested: 2/24/2026			Preservation Codes: -
City: Midland	TAT Requested (days): N/A			
State, Zip: TX, 79701				
Phone: 432-704-5440(Tel)	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: Junior Mint CTB	Project #: 89000262			
Site: N/A	SSOW#: N/A			Other: N/A

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8015MOD_NM/8015NM_S_PrepTPH 8015	8015MOD_Calc8015 Calc	300_ORGFM_28D/DI_LEACHChloride	8021B/5035FP_CalcBTEX	Total_BTEX_GCVTotal BTEX	Total Number of containers	Special Instructions/Note:
			Preservation Code:										
HA-1 (890-9524-1)	2/18/26	08 00 Mountain	G	Solid			X	X	X	X	X	1	
HA-1 (890-9524-2)	2/18/26	08 05 Mountain	G	Solid			X	X	X	X	X	1	
HA-1 (890-9524-3)	2/18/26	08 10 Mountain	G	Solid			X	X	X	X	X	1	
HA-1 (890-9524-4)	2/18/26	08 15 Mountain	G	Solid			X	X	X	X	X	1	
HA-2 (890-9524-5)	2/18/26	08 20 Mountain	G	Solid			X	X	X	X	X	1	
HA-2 (890-9524-6)	2/18/26	08 25 Mountain	G	Solid			X	X	X	X	X	1	
HA-2 (890-9524-7)	2/18/26	08 30 Mountain	G	Solid			X	X	X	X	X	1	
HA-2 (890-9524-8)	2/18/26	08 35 Mountain	G	Solid			X	X	X	X	X	1	
HA-3 (890-9524-9)	2/18/26	08 40 Mountain	G	Solid			X	X	X	X	X	1	

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing South Central, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed the samples must be shipped back to the Eurofins Environment Testing South Central, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing South Central LLC attention immediately If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing South Central LLC.

Possible Hazard Identification	*Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)*
Unconfirmed	☐ *Return To Client* ☐ *Disposal By Lab* ☐ *Archive For* _____ *Months*
Deliverable Requested I, II, III, IV, Other (specify) Primary Deliverable Rank. 2	Special Instructions/QC Requirements

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
	2/18 1630			2-19-26 800	
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No	Cooler Temperature(s) °C and Other Remarks

Ver: 10/10/2024

Login Sample Receipt Checklist

Client: Earth Systems Response and Restoration

Job Number: 890-9524-1
SDG Number: Lea County,NM

Login Number: 9524
List Number: 1
Creator: Lopez, Abraham

List Source: Eurofins Carlsbad

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

Login Sample Receipt Checklist

Client: Earth Systems Response and Restoration

Job Number: 890-9524-1
SDG Number: Lea County,NM

Login Number: 9524
List Number: 2
Creator: Laing, Edmundo

List Source: Eurofins Midland
List Creation: 02/19/26 08:29 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	

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ANALYTICAL REPORT

PREPARED FOR

Attn: Gilbert Moreno
Earth Systems Response and Restoration
5114 WCR 128
Midland, Texas 79706

Generated 2/27/2026 8:43:16 AM

JOB DESCRIPTION

Junior Mint CTB
Lea County, NM

JOB NUMBER

890-9525-1

Eurofins Carlsbad
1089 N Canal St.
Carlsbad NM 88220

See page two for job notes and contact information.

my EOL

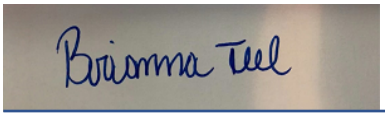
Eurofins Carlsbad

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

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
2/27/2026 8:43:16 AM

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

Client: Earth Systems Response and Restoration
Project/Site: Junior Mint CTB

Laboratory Job ID: 890-9525-1
SDG: Lea County, NM

Table of Contents

Definitions/Glossary

Client: Earth Systems Response and Restoration
Project/Site: Junior Mint CTB

Job ID: 890-9525-1
SDG: Lea County, NM

Qualifiers

GC VOA

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

GC Semi VOA

Qualifier	Qualifier Description
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: Earth Systems Response and Restoration Job ID: 890-9525-1
Project: Junior Mint CTB

Job ID: 890-9525-1 Eurofins Carlsbad

Job Narrative
890-9525-1

The analytical test results presented in this report meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page, unless otherwise noted. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable. Regulated compliance samples (e.g. SDWA, NPDES) must comply with associated agency requirements/permits.

- Matrix-specific batch QC (e.g., MS, MSD, SD) may not be reported when insufficient sample volume is available or when site-specific QC samples are not submitted. In such cases, a Laboratory Control Sample Duplicate (LCSD) may be analyzed to provide precision data for the batch.
- For samples analyzed using surrogate and/or isotope dilution analytes, any recoveries falling outside of established acceptance criteria are re-prepared and/or re-analyzed to confirm results, unless the deviation is due to sample dilution or otherwise explained in the case narrative.

Receipt
The samples were received on 2/18/2026 4:18 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was -5.0°C.

Receipt Exceptions
The following samples were received and analyzed from an unpreserved bulk soil jar: HA - 5 (890-9525-1), HA - 5 (890-9525-2), HA - 6 (890-9525-3), HA - 6 (890-9525-4), HA - 7 (890-9525-5) and HA - 7 (890-9525-6).

GC VOA
Method 8021B: The surrogate recovery for the blank associated with preparation batch 880-132669 and analytical batch 880-132912 was outside the upper control limits.

Method 8021B: The surrogate recovery for the blank associated with preparation batch 880-132880 and analytical batch 880-132912 was outside the upper control limits.

Method 8021B: The surrogate recovery for the blank associated with preparation batch 880-132882 and analytical batch 880-133050 was outside the upper control limits.

Method 8021B: Surrogate recovery for the following samples were outside control limits: HA - 5 (890-9525-2) and (880-68589-A-1-E). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

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

Diesel Range Organics
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: Earth Systems Response and Restoration
Project/Site: Junior Mint CTB

Job ID: 890-9525-1
SDG: Lea County, NM

Client Sample ID: HA - 5

Date Collected: 02/18/26 09:00
Date Received: 02/18/26 16:18
Sample Depth: 0.5

Lab Sample ID: 890-9525-1
Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		02/23/26 09:40	02/26/26 00:10	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/23/26 09:40	02/26/26 00:10	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/23/26 09:40	02/26/26 00:10	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		02/23/26 09:40	02/26/26 00:10	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/23/26 09:40	02/26/26 00:10	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		02/23/26 09:40	02/26/26 00:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*99*		*70 - 130*	*02/23/26 09:40*	*02/26/26 00:10*	*1*
1,4-Difluorobenzene (Surr)	*107*		*70 - 130*	*02/23/26 09:40*	*02/26/26 00:10*	*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			02/26/26 00:10	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			02/26/26 07:09	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		02/19/26 08:58	02/26/26 07:09	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		02/19/26 08:58	02/26/26 07:09	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		02/19/26 08:58	02/26/26 07:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*117*		*70 - 130*	*02/19/26 08:58*	*02/26/26 07:09*	*1*
o-Terphenyl	*107*		*70 - 130*	*02/19/26 08:58*	*02/26/26 07:09*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**345**		9.98		mg/Kg			02/20/26 19:25	1

Client Sample ID: HA - 5

Date Collected: 02/18/26 09:05
Date Received: 02/18/26 16:18
Sample Depth: 2

Lab Sample ID: 890-9525-2
Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		02/26/26 10:36	02/26/26 14:09	1
Toluene	<0.00201	U	0.00201		mg/Kg		02/26/26 10:36	02/26/26 14:09	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		02/26/26 10:36	02/26/26 14:09	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		02/26/26 10:36	02/26/26 14:09	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		02/26/26 10:36	02/26/26 14:09	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		02/26/26 10:36	02/26/26 14:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*144*	*S1+*	*70 - 130*	*02/26/26 10:36*	*02/26/26 14:09*	*1*

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Client Sample Results

Client: Earth Systems Response and Restoration
Project/Site: Junior Mint CTB

Job ID: 890-9525-1
SDG: Lea County, NM

Client Sample ID: HA - 5

Date Collected: 02/18/26 09:05
Date Received: 02/18/26 16:18
Sample Depth: 2

Lab Sample ID: 890-9525-2
Matrix: Solid

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

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Difluorobenzene (Surr)	*94*		*70 - 130*	*02/26/26 10:36*	*02/26/26 14:09*	*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			02/26/26 14:09	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			02/26/26 07:23	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		02/19/26 08:58	02/26/26 07:23	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		02/19/26 08:58	02/26/26 07:23	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		02/19/26 08:58	02/26/26 07:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*120*		*70 - 130*	*02/19/26 08:58*	*02/26/26 07:23*	*1*
o-Terphenyl	*114*		*70 - 130*	*02/19/26 08:58*	*02/26/26 07:23*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**129**		10.1		mg/Kg			02/20/26 19:30	1

Client Sample ID: HA - 6

Date Collected: 02/18/26 09:10
Date Received: 02/18/26 16:18
Sample Depth: 0.5

Lab Sample ID: 890-9525-3
Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		02/23/26 09:40	02/26/26 00:51	1
Toluene	<0.00202	U	0.00202		mg/Kg		02/23/26 09:40	02/26/26 00:51	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		02/23/26 09:40	02/26/26 00:51	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		02/23/26 09:40	02/26/26 00:51	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		02/23/26 09:40	02/26/26 00:51	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		02/23/26 09:40	02/26/26 00:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*126*		*70 - 130*	*02/23/26 09:40*	*02/26/26 00:51*	*1*
1,4-Difluorobenzene (Surr)	*112*		*70 - 130*	*02/23/26 09:40*	*02/26/26 00:51*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			02/26/26 00:51	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			02/26/26 07:39	1

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Client Sample Results

Client: Earth Systems Response and Restoration
Project/Site: Junior Mint CTB

Job ID: 890-9525-1
SDG: Lea County, NM

Client Sample ID: HA - 6
Date Collected: 02/18/26 09:10
Date Received: 02/18/26 16:18
Sample Depth: 0.5

Lab Sample ID: 890-9525-3
Matrix: Solid

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		02/19/26 08:58	02/26/26 07:39	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		02/19/26 08:58	02/26/26 07:39	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		02/19/26 08:58	02/26/26 07:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*121*		*70 - 130*	*02/19/26 08:58*	*02/26/26 07:39*	*1*
o-Terphenyl	*116*		*70 - 130*	*02/19/26 08:58*	*02/26/26 07:39*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**193**		10.0		mg/Kg			02/21/26 22:06	1

Client Sample ID: HA - 6
Date Collected: 02/18/26 09:15
Date Received: 02/18/26 16:18
Sample Depth: 3

Lab Sample ID: 890-9525-4
Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		02/23/26 09:40	02/26/26 01:11	1
Toluene	<0.00199	U	0.00199		mg/Kg		02/23/26 09:40	02/26/26 01:11	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		02/23/26 09:40	02/26/26 01:11	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		02/23/26 09:40	02/26/26 01:11	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		02/23/26 09:40	02/26/26 01:11	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		02/23/26 09:40	02/26/26 01:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*130*		*70 - 130*	*02/23/26 09:40*	*02/26/26 01:11*	*1*
1,4-Difluorobenzene (Surr)	*107*		*70 - 130*	*02/23/26 09:40*	*02/26/26 01:11*	*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			02/26/26 01:11	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			02/26/26 07:53	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		02/19/26 08:58	02/26/26 07:53	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		02/19/26 08:58	02/26/26 07:53	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		02/19/26 08:58	02/26/26 07:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*127*		*70 - 130*	*02/19/26 08:58*	*02/26/26 07:53*	*1*
o-Terphenyl	*120*		*70 - 130*	*02/19/26 08:58*	*02/26/26 07:53*	*1*

Client Sample Results

Client: Earth Systems Response and Restoration
Project/Site: Junior Mint CTB

Job ID: 890-9525-1
SDG: Lea County, NM

Client Sample ID: HA - 6

Lab Sample ID: 890-9525-4
Matrix: Solid
Date Collected: 02/18/26 09:15
Date Received: 02/18/26 16:18
Sample Depth: 3

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	98.8		10.1		mg/Kg			02/21/26 22:12	1

Client Sample ID: HA - 7

Lab Sample ID: 890-9525-5
Matrix: Solid
Date Collected: 02/18/26 09:20
Date Received: 02/18/26 16:18
Sample Depth: 0.5

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		02/23/26 09:40	02/26/26 01:32	1
Toluene	<0.00198	U	0.00198		mg/Kg		02/23/26 09:40	02/26/26 01:32	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		02/23/26 09:40	02/26/26 01:32	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		02/23/26 09:40	02/26/26 01:32	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		02/23/26 09:40	02/26/26 01:32	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		02/23/26 09:40	02/26/26 01:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*125*		*70 - 130*	*02/23/26 09:40*	*02/26/26 01:32*	*1*
1,4-Difluorobenzene (Surr)	*109*		*70 - 130*	*02/23/26 09:40*	*02/26/26 01:32*	*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			02/26/26 01:32	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			02/26/26 08:09	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		02/19/26 08:58	02/26/26 08:09	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		02/19/26 08:58	02/26/26 08:09	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		02/19/26 08:58	02/26/26 08:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*122*		*70 - 130*	*02/19/26 08:58*	*02/26/26 08:09*	*1*
o-Terphenyl	*115*		*70 - 130*	*02/19/26 08:58*	*02/26/26 08:09*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	95.6		10.1		mg/Kg			02/22/26 04:27	1

Client Sample Results

Client: Earth Systems Response and Restoration
Project/Site: Junior Mint CTB

Job ID: 890-9525-1
SDG: Lea County, NM

Client Sample ID: HA - 7

Date Collected: 02/18/26 09:25
Date Received: 02/18/26 16:18
Sample Depth: 1

Lab Sample ID: 890-9525-6

Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		02/23/26 09:40	02/26/26 01:52	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/23/26 09:40	02/26/26 01:52	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/23/26 09:40	02/26/26 01:52	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		02/23/26 09:40	02/26/26 01:52	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/23/26 09:40	02/26/26 01:52	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		02/23/26 09:40	02/26/26 01:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*122*		*70 - 130*	*02/23/26 09:40*	*02/26/26 01:52*	*1*
1,4-Difluorobenzene (Surr)	*95*		*70 - 130*	*02/23/26 09:40*	*02/26/26 01:52*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			02/26/26 01:52	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.1	U	50.1		mg/Kg			02/26/26 08:23	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	<50.1	U	50.1		mg/Kg		02/19/26 08:58	02/26/26 08:23	1
Diesel Range Organics (Over C10-C28)	<50.1	U	50.1		mg/Kg		02/19/26 08:58	02/26/26 08:23	1
Oil Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		02/19/26 08:58	02/26/26 08:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*115*		*70 - 130*	*02/19/26 08:58*	*02/26/26 08:23*	*1*
o-Terphenyl	*110*		*70 - 130*	*02/19/26 08:58*	*02/26/26 08:23*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**81.3**		10.0		mg/Kg			02/22/26 04:33	1

Surrogate Summary

Client: Earth Systems Response and Restoration
Project/Site: Junior Mint CTB

Job ID: 890-9525-1
SDG: Lea County, NM

Method: 8021B - Volatile Organic Compounds (GC)

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

		Percent Surrogate Recovery (Acceptance Limits)	
		BFB1	DFBZ1
Lab Sample ID	Client Sample ID	(70-130)	(70-130)
890-9525-1	HA - 5	99	107
890-9525-1 MS	HA - 5	112	97
890-9525-1 MSD	HA - 5	110	99
890-9525-2	HA - 5	144 S1+	94
890-9525-3	HA - 6	126	112
890-9525-4	HA - 6	130	107
890-9525-5	HA - 7	125	109
890-9525-6	HA - 7	122	95
LCS 880-132669/1-A	Lab Control Sample	110	97
LCS 880-132882/1-A	Lab Control Sample	119	101
LCSD 880-132669/2-A	Lab Control Sample Dup	123	108
LCSD 880-132882/2-A	Lab Control Sample Dup	115	97
MB 880-132669/5-A	Method Blank	210 S1+	128
MB 880-132880/5-A	Method Blank	195 S1+	122
MB 880-132882/5-A	Method Blank	216 S1+	109

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)
DFBZ = 1,4-Difluorobenzene (Surr)

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

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

		Percent Surrogate Recovery (Acceptance Limits)	
		1CO1	OTPH1
Lab Sample ID	Client Sample ID	(70-130)	(70-130)
890-9525-1	HA - 5	117	107
890-9525-2	HA - 5	120	114
890-9525-3	HA - 6	121	116
890-9525-4	HA - 6	127	120
890-9525-5	HA - 7	122	115
890-9525-6	HA - 7	115	110
LCS 880-132333/2-A	Lab Control Sample	100	103
LCSD 880-132333/3-A	Lab Control Sample Dup	107	109
MB 880-132333/1-A	Method Blank	118	111

Surrogate Legend

1CO = 1-Chlorooctane
OTPH = o-Terphenyl

QC Sample Results

Client: Earth Systems Response and Restoration
Project/Site: Junior Mint CTB

Job ID: 890-9525-1
SDG: Lea County, NM

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-132669/5-A
Matrix: Solid
Analysis Batch: 132912

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 132669

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		02/23/26 09:40	02/25/26 23:41	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/23/26 09:40	02/25/26 23:41	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/23/26 09:40	02/25/26 23:41	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		02/23/26 09:40	02/25/26 23:41	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/23/26 09:40	02/25/26 23:41	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		02/23/26 09:40	02/25/26 23:41	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*210*	*S1+*	*70 - 130*	*02/23/26 09:40*	*02/25/26 23:41*	*1*
1,4-Difluorobenzene (Surr)	*128*		*70 - 130*	*02/23/26 09:40*	*02/25/26 23:41*	*1*

Lab Sample ID: LCS 880-132669/1-A
Matrix: Solid
Analysis Batch: 132912

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 132669

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene			0.100	0.09381		mg/Kg		94	70 - 130		
Toluene			0.100	0.08307		mg/Kg		83	70 - 130		
Ethylbenzene			0.100	0.08831		mg/Kg		88	70 - 130		
m-Xylene & p-Xylene			0.200	0.2021		mg/Kg		101	70 - 130		
o-Xylene			0.100	0.1020		mg/Kg		102	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*110*		*70 - 130*
1,4-Difluorobenzene (Surr)	*97*		*70 - 130*

Lab Sample ID: LCSD 880-132669/2-A
Matrix: Solid
Analysis Batch: 132912

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 132669

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene			0.100	0.1168		mg/Kg		117	70 - 130	22	35
Toluene			0.100	0.09895		mg/Kg		99	70 - 130	17	35
Ethylbenzene			0.100	0.09315		mg/Kg		93	70 - 130	5	35
m-Xylene & p-Xylene			0.200	0.2299		mg/Kg		115	70 - 130	13	35
o-Xylene			0.100	0.1232		mg/Kg		123	70 - 130	19	35

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*123*		*70 - 130*
1,4-Difluorobenzene (Surr)	*108*		*70 - 130*

Lab Sample ID: 890-9525-1 MS
Matrix: Solid
Analysis Batch: 132912

Client Sample ID: HA - 5
Prep Type: Total/NA
Prep Batch: 132669

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene	<0.00200	U	0.100	0.1007		mg/Kg		101	70 - 130		
Toluene	<0.00200	U	0.100	0.08577		mg/Kg		86	70 - 130		

QC Sample Results

Client: Earth Systems Response and Restoration
Project/Site: Junior Mint CTB

Job ID: 890-9525-1
SDG: Lea County, NM

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

Lab Sample ID: 890-9525-1 MS
Matrix: Solid
Analysis Batch: 132912

Client Sample ID: HA - 5
Prep Type: Total/NA
Prep Batch: 132669

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Ethylbenzene	<0.00200	U	0.100	0.07778		mg/Kg		76	70 - 130
m-Xylene & p-Xylene	<0.00399	U	0.200	0.2014		mg/Kg		101	70 - 130
o-Xylene	<0.00200	U	0.100	0.1044		mg/Kg		104	70 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*112*		*70 - 130*
1,4-Difluorobenzene (Surr)	*97*		*70 - 130*

Lab Sample ID: 890-9525-1 MSD
Matrix: Solid
Analysis Batch: 132912

Client Sample ID: HA - 5
Prep Type: Total/NA
Prep Batch: 132669

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00200	U	0.100	0.09245		mg/Kg		92	70 - 130	9	35
Toluene	<0.00200	U	0.100	0.07803		mg/Kg		78	70 - 130	9	35
Ethylbenzene	<0.00200	U	0.100	0.07752		mg/Kg		76	70 - 130	0	35
m-Xylene & p-Xylene	<0.00399	U	0.200	0.1994		mg/Kg		100	70 - 130	1	35
o-Xylene	<0.00200	U	0.100	0.1018		mg/Kg		102	70 - 130	3	35

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*110*		*70 - 130*
1,4-Difluorobenzene (Surr)	*99*		*70 - 130*

Lab Sample ID: MB 880-132880/5-A
Matrix: Solid
Analysis Batch: 132912

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 132880

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		02/24/26 15:49	02/25/26 12:03	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/24/26 15:49	02/25/26 12:03	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/24/26 15:49	02/25/26 12:03	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		02/24/26 15:49	02/25/26 12:03	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/24/26 15:49	02/25/26 12:03	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		02/24/26 15:49	02/25/26 12:03	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*195*	*S1+*	*70 - 130*	*02/24/26 15:49*	*02/25/26 12:03*	*1*
1,4-Difluorobenzene (Surr)	*122*		*70 - 130*	*02/24/26 15:49*	*02/25/26 12:03*	*1*

Lab Sample ID: MB 880-132882/5-A
Matrix: Solid
Analysis Batch: 133050

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 132882

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		02/24/26 15:53	02/26/26 11:38	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/24/26 15:53	02/26/26 11:38	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/24/26 15:53	02/26/26 11:38	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		02/24/26 15:53	02/26/26 11:38	1

QC Sample Results

Client: Earth Systems Response and Restoration
Project/Site: Junior Mint CTB

Job ID: 890-9525-1
SDG: Lea County, NM

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

Lab Sample ID: MB 880-132882/5-A
Matrix: Solid
Analysis Batch: 133050

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 132882

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/24/26 15:53	02/26/26 11:38	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		02/24/26 15:53	02/26/26 11:38	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*216*	*S1+*	*70 - 130*	*02/24/26 15:53*	*02/26/26 11:38*	*1*
1,4-Difluorobenzene (Surr)	*109*		*70 - 130*	*02/24/26 15:53*	*02/26/26 11:38*	*1*

Lab Sample ID: LCS 880-132882/1-A
Matrix: Solid
Analysis Batch: 133050

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 132882

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.1129		mg/Kg		113	70 - 130
Toluene	0.100	0.1038		mg/Kg		104	70 - 130
Ethylbenzene	0.100	0.1065		mg/Kg		106	70 - 130
m-Xylene & p-Xylene	0.200	0.2311		mg/Kg		116	70 - 130
o-Xylene	0.100	0.1298		mg/Kg		130	70 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*119*		*70 - 130*
1,4-Difluorobenzene (Surr)	*101*		*70 - 130*

Lab Sample ID: LCSD 880-132882/2-A
Matrix: Solid
Analysis Batch: 133050

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 132882

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.1079		mg/Kg		108	70 - 130	4	35
Toluene	0.100	0.1012		mg/Kg		101	70 - 130	2	35
Ethylbenzene	0.100	0.1077		mg/Kg		108	70 - 130	1	35
m-Xylene & p-Xylene	0.200	0.2476		mg/Kg		124	70 - 130	7	35
o-Xylene	0.100	0.1216		mg/Kg		122	70 - 130	6	35

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*115*		*70 - 130*
1,4-Difluorobenzene (Surr)	*97*		*70 - 130*

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

Lab Sample ID: MB 880-132333/1-A
Matrix: Solid
Analysis Batch: 132933

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 132333

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		02/19/26 08:58	02/26/26 02:08	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		02/19/26 08:58	02/26/26 02:08	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		02/19/26 08:58	02/26/26 02:08	1

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QC Sample Results

Client: Earth Systems Response and Restoration
Project/Site: Junior Mint CTB

Job ID: 890-9525-1
SDG: Lea County, NM

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

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	118		70 - 130	02/19/26 08:58	02/26/26 02:08	1
o-Terphenyl	111		70 - 130	02/19/26 08:58	02/26/26 02:08	1

Lab Sample ID: LCS 880-132333/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 132933 — **Prep Batch: 132333**

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10			1000	922.3		mg/Kg		92	70 - 130		
Diesel Range Organics (Over C10-C28)			1000	975.7		mg/Kg		98	70 - 130		

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1-Chlorooctane	100		70 - 130
o-Terphenyl	103		70 - 130

Lab Sample ID: LCSD 880-132333/3-A — **Client Sample ID: Lab Control Sample Dup**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 132933 — **Prep Batch: 132333**

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	1030		mg/Kg		103	70 - 130	11	20
Diesel Range Organics (Over C10-C28)			1000	1070		mg/Kg		107	70 - 130	9	20

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1-Chlorooctane	107		70 - 130
o-Terphenyl	109		70 - 130

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-132433/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 132470

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0		mg/Kg			02/20/26 16:50	1

Lab Sample ID: LCS 880-132433/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 132470

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride			250	236.3		mg/Kg		95	90 - 110		

Lab Sample ID: LCSD 880-132433/3-A — **Client Sample ID: Lab Control Sample Dup**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 132470

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride			250	257.1		mg/Kg		103	90 - 110	8	20

Eurofins Carlsbad

QC Sample Results

Client: Earth Systems Response and Restoration
Project/Site: Junior Mint CTB

Job ID: 890-9525-1
SDG: Lea County, NM

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-132448/1-A
Matrix: Solid
Analysis Batch: 132632

Client Sample ID: Method Blank
Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0		mg/Kg			02/21/26 18:45	1

Lab Sample ID: LCS 880-132448/2-A
Matrix: Solid
Analysis Batch: 132632

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride			250	246.8		mg/Kg		99	90 - 110		

Lab Sample ID: LCSD 880-132448/3-A
Matrix: Solid
Analysis Batch: 132632

Client Sample ID: Lab Control Sample Dup
Prep Type: Soluble

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride			250	247.7		mg/Kg		99	90 - 110	0	20

Lab Sample ID: MB 880-132610/1-A
Matrix: Solid
Analysis Batch: 132634

Client Sample ID: Method Blank
Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0		mg/Kg			02/22/26 02:40	1

Lab Sample ID: LCS 880-132610/2-A
Matrix: Solid
Analysis Batch: 132634

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride			250	252.6		mg/Kg		101	90 - 110		

Lab Sample ID: LCSD 880-132610/3-A
Matrix: Solid
Analysis Batch: 132634

Client Sample ID: Lab Control Sample Dup
Prep Type: Soluble

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride			250	251.5		mg/Kg		101	90 - 110	0	20

Lab Sample ID: 890-9525-6 MS
Matrix: Solid
Analysis Batch: 132634

Client Sample ID: HA - 7
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	81.3		251	337.5		mg/Kg		102	90 - 110		

Lab Sample ID: 890-9525-6 MSD
Matrix: Solid
Analysis Batch: 132634

Client Sample ID: HA - 7
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	81.3		251	336.0		mg/Kg		102	90 - 110	0	20

QC Association Summary

Client: Earth Systems Response and Restoration
Project/Site: Junior Mint CTB

Job ID: 890-9525-1
SDG: Lea County, NM

GC VOA

Prep Batch: 132669

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9525-1	HA - 5	Total/NA	Solid	5035	
890-9525-3	HA - 6	Total/NA	Solid	5035	
890-9525-4	HA - 6	Total/NA	Solid	5035	
890-9525-5	HA - 7	Total/NA	Solid	5035	
890-9525-6	HA - 7	Total/NA	Solid	5035	
MB 880-132669/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-132669/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-132669/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-9525-1 MS	HA - 5	Total/NA	Solid	5035	
890-9525-1 MSD	HA - 5	Total/NA	Solid	5035	

Prep Batch: 132880

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-132880/5-A	Method Blank	Total/NA	Solid	5035	

Prep Batch: 132882

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9525-2	HA - 5	Total/NA	Solid	5035	
MB 880-132882/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-132882/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-132882/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	

Analysis Batch: 132912

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9525-1	HA - 5	Total/NA	Solid	8021B	132669
890-9525-3	HA - 6	Total/NA	Solid	8021B	132669
890-9525-4	HA - 6	Total/NA	Solid	8021B	132669
890-9525-5	HA - 7	Total/NA	Solid	8021B	132669
890-9525-6	HA - 7	Total/NA	Solid	8021B	132669
MB 880-132669/5-A	Method Blank	Total/NA	Solid	8021B	132669
MB 880-132880/5-A	Method Blank	Total/NA	Solid	8021B	132880
LCS 880-132669/1-A	Lab Control Sample	Total/NA	Solid	8021B	132669
LCSD 880-132669/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	132669
890-9525-1 MS	HA - 5	Total/NA	Solid	8021B	132669
890-9525-1 MSD	HA - 5	Total/NA	Solid	8021B	132669

Analysis Batch: 133050

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9525-2	HA - 5	Total/NA	Solid	8021B	132882
MB 880-132882/5-A	Method Blank	Total/NA	Solid	8021B	132882
LCS 880-132882/1-A	Lab Control Sample	Total/NA	Solid	8021B	132882
LCSD 880-132882/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	132882

Analysis Batch: 133118

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9525-1	HA - 5	Total/NA	Solid	Total BTEX	
890-9525-2	HA - 5	Total/NA	Solid	Total BTEX	
890-9525-3	HA - 6	Total/NA	Solid	Total BTEX	
890-9525-4	HA - 6	Total/NA	Solid	Total BTEX	
890-9525-5	HA - 7	Total/NA	Solid	Total BTEX	
890-9525-6	HA - 7	Total/NA	Solid	Total BTEX	

QC Association Summary

Client: Earth Systems Response and Restoration
Project/Site: Junior Mint CTB

Job ID: 890-9525-1
SDG: Lea County, NM

GC Semi VOA

Prep Batch: 132333

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9525-1	HA - 5	Total/NA	Solid	8015NM Prep	
890-9525-2	HA - 5	Total/NA	Solid	8015NM Prep	
890-9525-3	HA - 6	Total/NA	Solid	8015NM Prep	
890-9525-4	HA - 6	Total/NA	Solid	8015NM Prep	
890-9525-5	HA - 7	Total/NA	Solid	8015NM Prep	
890-9525-6	HA - 7	Total/NA	Solid	8015NM Prep	
MB 880-132333/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-132333/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-132333/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	

Analysis Batch: 132933

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9525-1	HA - 5	Total/NA	Solid	8015B NM	132333
890-9525-2	HA - 5	Total/NA	Solid	8015B NM	132333
890-9525-3	HA - 6	Total/NA	Solid	8015B NM	132333
890-9525-4	HA - 6	Total/NA	Solid	8015B NM	132333
890-9525-5	HA - 7	Total/NA	Solid	8015B NM	132333
890-9525-6	HA - 7	Total/NA	Solid	8015B NM	132333
MB 880-132333/1-A	Method Blank	Total/NA	Solid	8015B NM	132333
LCS 880-132333/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	132333
LCSD 880-132333/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	132333

Analysis Batch: 133076

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9525-1	HA - 5	Total/NA	Solid	8015 NM	
890-9525-2	HA - 5	Total/NA	Solid	8015 NM	
890-9525-3	HA - 6	Total/NA	Solid	8015 NM	
890-9525-4	HA - 6	Total/NA	Solid	8015 NM	
890-9525-5	HA - 7	Total/NA	Solid	8015 NM	
890-9525-6	HA - 7	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 132433

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9525-1	HA - 5	Soluble	Solid	DI Leach	
890-9525-2	HA - 5	Soluble	Solid	DI Leach	
MB 880-132433/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-132433/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-132433/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	

Leach Batch: 132448

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9525-3	HA - 6	Soluble	Solid	DI Leach	
890-9525-4	HA - 6	Soluble	Solid	DI Leach	
MB 880-132448/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-132448/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-132448/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	

QC Association Summary

Client: Earth Systems Response and Restoration
Project/Site: Junior Mint CTB

Job ID: 890-9525-1
SDG: Lea County, NM

HPLC/IC

Analysis Batch: 132470

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9525-1	HA - 5	Soluble	Solid	300.0	132433
890-9525-2	HA - 5	Soluble	Solid	300.0	132433
MB 880-132433/1-A	Method Blank	Soluble	Solid	300.0	132433
LCS 880-132433/2-A	Lab Control Sample	Soluble	Solid	300.0	132433
LCSD 880-132433/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	132433

Leach Batch: 132610

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9525-5	HA - 7	Soluble	Solid	DI Leach	
890-9525-6	HA - 7	Soluble	Solid	DI Leach	
MB 880-132610/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-132610/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-132610/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
890-9525-6 MS	HA - 7	Soluble	Solid	DI Leach	
890-9525-6 MSD	HA - 7	Soluble	Solid	DI Leach	

Analysis Batch: 132632

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9525-3	HA - 6	Soluble	Solid	300.0	132448
890-9525-4	HA - 6	Soluble	Solid	300.0	132448
MB 880-132448/1-A	Method Blank	Soluble	Solid	300.0	132448
LCS 880-132448/2-A	Lab Control Sample	Soluble	Solid	300.0	132448
LCSD 880-132448/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	132448

Analysis Batch: 132634

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9525-5	HA - 7	Soluble	Solid	300.0	132610
890-9525-6	HA - 7	Soluble	Solid	300.0	132610
MB 880-132610/1-A	Method Blank	Soluble	Solid	300.0	132610
LCS 880-132610/2-A	Lab Control Sample	Soluble	Solid	300.0	132610
LCSD 880-132610/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	132610
890-9525-6 MS	HA - 7	Soluble	Solid	300.0	132610
890-9525-6 MSD	HA - 7	Soluble	Solid	300.0	132610

Lab Chronicle

Client: Earth Systems Response and Restoration
Project/Site: Junior Mint CTB

Job ID: 890-9525-1
SDG: Lea County, NM

Client Sample ID: HA - 5
Date Collected: 02/18/26 09:00
Date Received: 02/18/26 16:18

Lab Sample ID: 890-9525-1
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	132669	02/23/26 09:40	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	132912	02/26/26 00:10	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			133118	02/26/26 00:10	SA	EET MID
Total/NA	Analysis	8015 NM		1			133076	02/26/26 07:09	SA	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10.00 mL	132333	02/19/26 08:58	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	132933	02/26/26 07:09	FC	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	132433	02/20/26 08:01	SA	EET MID
Soluble	Analysis	300.0		1			132470	02/20/26 19:25	CS	EET MID

Client Sample ID: HA - 5
Date Collected: 02/18/26 09:05
Date Received: 02/18/26 16:18

Lab Sample ID: 890-9525-2
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	132882	02/26/26 10:36	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	133050	02/26/26 14:09	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			133118	02/26/26 14:09	SA	EET MID
Total/NA	Analysis	8015 NM		1			133076	02/26/26 07:23	SA	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10.00 mL	132333	02/19/26 08:58	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	132933	02/26/26 07:23	FC	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	132433	02/20/26 08:01	SA	EET MID
Soluble	Analysis	300.0		1			132470	02/20/26 19:30	CS	EET MID

Client Sample ID: HA - 6
Date Collected: 02/18/26 09:10
Date Received: 02/18/26 16:18

Lab Sample ID: 890-9525-3
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	132669	02/23/26 09:40	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	132912	02/26/26 00:51	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			133118	02/26/26 00:51	SA	EET MID
Total/NA	Analysis	8015 NM		1			133076	02/26/26 07:39	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	132333	02/19/26 08:58	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	132933	02/26/26 07:39	FC	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	132448	02/20/26 08:45	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	132632	02/21/26 22:06	CS	EET MID

Client Sample ID: HA - 6
Date Collected: 02/18/26 09:15
Date Received: 02/18/26 16:18

Lab Sample ID: 890-9525-4
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	132669	02/23/26 09:40	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	132912	02/26/26 01:11	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			133118	02/26/26 01:11	SA	EET MID

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Lab Chronicle

Client: Earth Systems Response and Restoration
Project/Site: Junior Mint CTB

Job ID: 890-9525-1
SDG: Lea County, NM

Client Sample ID: HA - 6

Date Collected: 02/18/26 09:15
Date Received: 02/18/26 16:18

Lab Sample ID: 890-9525-4
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			133076	02/26/26 07:53	SA	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10.00 mL	132333	02/19/26 08:58	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	132933	02/26/26 07:53	FC	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	132448	02/20/26 08:45	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	132632	02/21/26 22:12	CS	EET MID

Client Sample ID: HA - 7

Date Collected: 02/18/26 09:20
Date Received: 02/18/26 16:18

Lab Sample ID: 890-9525-5
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	132669	02/23/26 09:40	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	132912	02/26/26 01:32	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			133118	02/26/26 01:32	SA	EET MID
Total/NA	Analysis	8015 NM		1			133076	02/26/26 08:09	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	132333	02/19/26 08:58	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	132933	02/26/26 08:09	FC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	132610	02/20/26 16:34	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	132634	02/22/26 04:27	CS	EET MID

Client Sample ID: HA - 7

Date Collected: 02/18/26 09:25
Date Received: 02/18/26 16:18

Lab Sample ID: 890-9525-6
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	132669	02/23/26 09:40	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	132912	02/26/26 01:52	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			133118	02/26/26 01:52	SA	EET MID
Total/NA	Analysis	8015 NM		1			133076	02/26/26 08:23	SA	EET MID
Total/NA	Prep	8015NM Prep			9.99 g	10.00 mL	132333	02/19/26 08:58	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	132933	02/26/26 08:23	FC	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	132610	02/20/26 16:34	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	132634	02/22/26 04:33	CS	EET MID

Laboratory References:

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

Accreditation/Certification Summary

Client: Earth Systems Response and Restoration
Job ID: 890-9525-1
Project/Site: Junior Mint CTB
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	06-30-26

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

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

Method Summary

Client: Earth Systems Response and Restoration
Project/Site: Junior Mint CTB

Job ID: 890-9525-1
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: Earth Systems Response and Restoration
Project/Site: Junior Mint CTB

Job ID: 890-9525-1
SDG: Lea County, NM

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Depth
890-9525-1	HA - 5	Solid	02/18/26 09:00	02/18/26 16:18	0.5
890-9525-2	HA - 5	Solid	02/18/26 09:05	02/18/26 16:18	2
890-9525-3	HA - 6	Solid	02/18/26 09:10	02/18/26 16:18	0.5
890-9525-4	HA - 6	Solid	02/18/26 09:15	02/18/26 16:18	3
890-9525-5	HA - 7	Solid	02/18/26 09:20	02/18/26 16:18	0.5
890-9525-6	HA - 7	Solid	02/18/26 09:25	02/18/26 16:18	1

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Chain of Custody

Houston, TX (281) 240-4200, Dallas, TX (214) 902-0300
Midland, TX (432) 704-5440, San Antonio, TX (210) 509-3334
EL Paso, TX (915) 585-3443, Lubbock, TX (806) 794-1296
Hobbs, NM (575) 392-7550, Carlsbad, NM (575) 988-3199

Work Order No: _____

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Project Manager:	Gilbert Moreno	Bill to: (if different)	Earth Systems R & R
Company Name:	Earth Systems R&R	Company Name:	
Address:	1910 Resource Ct.	Address:	
City, State ZIP:	Carlsbad, NM, 88220	City, State ZIP:	
Phone:	832-541-7719	Email:	gmoreno@earthsys.net, sgiron@earthsys.net

Work Order Comments

Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐

State of Project:

Reporting: Level II ☐ Level III ☐ PST/UST ☐ TRRP ☐ Level IV ☐

Other:

890-9525 Chain of Custody

Project Name:	Junior Mint CTB	Turn Around	
Project Number:	8885	☑ Routine ☐ Rush	
Project Location:	Lea County, NM	Due Date:	Routine TAT
Sampler's Name:	Santiago Giron, Michael Benini	TAT starts the day received by the lab, if received by 4:30pm	
CC/ WO #:			

SAMPLE RECEIPT				
Temp Blank:	Yes No	Wet Ice:	Yes No	
Samples Received Intact:	Yes No	Thermometer ID:	Tnmec	
Cooler Custody Seals:	Yes No N/A	Correction Factor:	-0.2	
Sample Custody Seals:	Yes No N/A	Temperature Reading:	-5.2	
Total Containers:		Corrected Temperature:	-5.0	

Preservative Codes

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

Sample Identification	Matrix	Date Sampled	Time Sampled	Depth	Grab/ Comp	# of Cont	TPH-NM	Chloride-NM	BTEX-NM	TDS	Cation/ Anion	TCLP-Metals	TCLP- BTEX	TCLP- RCI		Hold	24 Hr Rush				Sample Comments
HA - 5	S	2.18.26	9:00	0.5	Grab/	1	X	X	X												Incident Number
HA - 5	S	2.18.26	9:05	2	Grab/	1	X	X	X												nAPP2603461687
HA - 6	S	2.18.26	9:10	0.5	Grab/	1	X	X	X												
HA - 6	S	2.18.26	9:15	3	Grab/	1	X	X	X												
HA - 7	S	2.18.26	9:20	0.5	Grab/	1	X	X	X												
HA - 7	S	2.18.26	9:25	1	Grab/	1	X	X	X												

Total 200.7 / 6010 200.8 / 6020: 8RCRA 13PPM Texas 11 Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO_2 Na Sr Tl Sn U V Zn

Circle Method(s) and Metal(s) to be analyzed **TCLP / SPLP 6010**: 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Tl U Hg: 1631 / 245.1 / 7470 / 7471

Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1 Michael Benini		2/18 1618	2		
3			4		
5			6		

Eurofins Carlsbad
1089 N Canal St.
Carlsbad, NM 88220
Phone 575-988-3199 Fax: 575-988-3199

Chain of Custody Record

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Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Teel, Brianna	Carrier Tracking No(s): N/A	COC No: 890-6535 1
Client Contact: Shipping/Receiving	Phone: N/A	E-Mail: Brianna.Teel@et.eurofinsus.com	State of Origin: New Mexico	Page: Page 1 of 1
Company: Eurofins Environment Testing South Centr		Accreditations Required (See note): NELAP - Texas		Job #: 890-9525-1
Address: 1211 W Florida Ave, ,	Due Date Requested: 2/24/2026			Preservation Codes: -
City: Midland	TAT Requested (days): N/A			
State, Zip: TX, 79701				
Phone: 432-704-5440(Tel)	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: NM Earth Systems Project	Project #: 89000262			
Site: N/A	SSOW#: N/A			Other: N/A

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8015MOD_NM/8015NM_S_PrepTPH 8015	8015MOD_Calc8015 Calc	300_ORGFM_28D/DI_LEACHChloride	8021B/5035FP_CalcBTEX	Total_BTEX_GCVTotal BTEX	Total Number of containers	Special Instructions/Note:
			Preservation Code:										
HA - 5 (890-9525-1)	2/18/26	09:00 Mountain	G	Solid			X	X	X	X	X	1	
HA - 5 (890-9525-2)	2/18/26	09:05 Mountain	G	Solid			X	X	X	X	X	1	
HA - 6 (890-9525-3)	2/18/26	09:10 Mountain	G	Solid			X	X	X	X	X	1	
HA - 6 (890-9525-4)	2/18/26	09:15 Mountain	G	Solid			X	X	X	X	X	1	
HA - 7 (890-9525-5)	2/18/26	09:20 Mountain	G	Solid			X	X	X	X	X	1	
HA - 7 (890-9525-6)	2/18/26	09:25 Mountain	G	Solid			X	X	X	X	X	1	

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing South Central LLC places the ownership of method analyte & accreditation compliance upon our subcontract laboratories This sample shipment is forwarded under chain-of-custody If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing South Central, LLC laboratory or other instructions will be provided Any changes to accreditation status should be brought to Eurofins Environment Testing South Central LLC attention immediately If all requested accreditations are current to date return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing South Central, LLC.

Possible Hazard Identification *Unconfirmed*	***Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)*** ☐ *Return To Client* ☐ *Disposal By Lab* ☐ *Archive For* _____ *Months*
Deliverable Requested I, II, III, IV, Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
	2/18 1630			2-19-26 800	
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.	Cooler Temperature(s) °C and Other Remarks.

Ver: 10/10/2024

Login Sample Receipt Checklist

Client: Earth Systems Response and Restoration

Job Number: 890-9525-1
SDG Number: Lea County, NM

Login Number: 9525
List Number: 1
Creator: Bruns, Shannon

List Source: Eurofins Carlsbad

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.	N/A	
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: Earth Systems Response and Restoration

Job Number: 890-9525-1
SDG Number: Lea County, NM

Login Number: 9525
List Number: 2
Creator: Laing, Edmundo

List Source: Eurofins Midland
List Creation: 02/19/26 08:29 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	

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ANALYTICAL REPORT

PREPARED FOR

Attn: Gilbert Moreno
Earth Systems Response and Restoration
5114 WCR 128
Midland, Texas 79706

Generated 3/25/2026 1:43:15 PM

JOB DESCRIPTION

Junior Mint CTB
Lea County, NM

JOB NUMBER

890-9656-1

Eurofins Carlsbad
1089 N Canal St.
Carlsbad NM 88220

See page two for job notes and contact information.

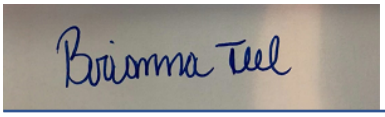
Eurofins Carlsbad

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

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



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3/25/2026 1:43:15 PM

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

Client: Earth Systems Response and Restoration
Project/Site: Junior Mint CTB

Laboratory Job ID: 890-9656-1
SDG: Lea County, NM

Table of Contents

Definitions/Glossary

Client: Earth Systems Response and Restoration
Project/Site: Junior Mint CTB

Job ID: 890-9656-1
SDG: Lea County, NM

Qualifiers

GC VOA

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

GC Semi VOA

Qualifier	Qualifier Description
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: Earth Systems Response and Restoration Job ID: 890-9656-1
Project: Junior Mint CTB

Job ID: 890-9656-1 Eurofins Carlsbad

Job Narrative
890-9656-1

The analytical test results presented in this report meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page, unless otherwise noted. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable. Regulated compliance samples (e.g. SDWA, NPDES) must comply with associated agency requirements/permits.

- Matrix-specific batch QC (e.g., MS, MSD, SD) may not be reported when insufficient sample volume is available or when site-specific QC samples are not submitted. In such cases, a Laboratory Control Sample Duplicate (LCSD) may be analyzed to provide precision data for the batch.
- For samples analyzed using surrogate and/or isotope dilution analytes, any recoveries falling outside of established acceptance criteria are re-prepared and/or re-analyzed to confirm results, unless the deviation is due to sample dilution or otherwise explained in the case narrative.

Receipt
The samples were received on 3/13/2026 4:02 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was -1.8°C.

Receipt Exceptions
The following samples were received and analyzed from an unpreserved bulk soil jar: CS - 1 (890-9656-1), CS - 2 (890-9656-2), CS - 3 (890-9656-3), CS - 4 (890-9656-4), CS - 5 (890-9656-5), CS - 6 (890-9656-6), CS - 7 (890-9656-7), CS - 8 (890-9656-8), CS - 9 (890-9656-9), CS - 10 (890-9656-10), CS - 11 (890-9656-11), CS - 12 (890-9656-12), CS - 13 (890-9656-13), CS - 14 (890-9656-14), CS - 15 (890-9656-15), CS - 16 (890-9656-16), CS - 17 (890-9656-17), CS - 18 (890-9656-18), CS - 19 (890-9656-19) and CS - 20 (890-9656-20).

GC VOA
Method 8021B: Surrogate recovery for the following sample was outside control limits: (LCSD 880-135456/2-A). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8021B: The following samples were diluted due to the nature of the sample matrix: (LCSD 880-135456/2-A) and (890-9656-A-1-E MS). Because of this dilution, the surrogate spike and matrix spike concentration in the sample was reduced to a level where the recovery calculation does not provide useful information.

Method 8021B: Surrogate recovery for the following samples were outside control limits: CS - 1 (890-9656-1), CS - 2 (890-9656-2), CS - 3 (890-9656-3), CS - 4 (890-9656-4), CS - 5 (890-9656-5), CS - 7 (890-9656-7) and CS - 9 (890-9656-9). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8021B: Spike compounds were inadvertently omitted during the extraction process for the matrix spike duplicate (MSD); therefore, matrix spike recoveries are unavailable for preparation batch 880-135456 and analytical batch 880-135354. The associated laboratory control sample (LCS) met acceptance criteria.

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

Diesel Range Organics
Method 8015B NM: Surrogate recovery for the following sample was outside control limits: CS - 2 (890-9656-2). Evidence of matrix interferences is not obvious.

Method 8015B NM: Surrogate recovery for the following sample was outside control limits: CS - 16 (890-9656-16). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8015B NM: Surrogate recovery for the following sample was outside control limits: CS - 15 (890-9656-15). Evidence of matrix interferences is not obvious.

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

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

Case Narrative

Client: Earth Systems Response and Restoration
Job ID: 890-9656-1
Project: Junior Mint CTB

Job ID: 890-9656-1 (Continued)

Eurofins Carlsbad

Client Sample Results

Client: Earth Systems Response and Restoration
Project/Site: Junior Mint CTB

Job ID: 890-9656-1
SDG: Lea County, NM

Client Sample ID: CS - 1

Lab Sample ID: 890-9656-1
Matrix: Solid
Date Collected: 03/13/26 00:00
Date Received: 03/13/26 16:02
Sample Depth: 0.25

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U F1	0.00200		mg/Kg		03/19/26 19:17	03/19/26 23:50	1
Toluene	<0.00200	U F1	0.00200		mg/Kg		03/19/26 19:17	03/19/26 23:50	1
Ethylbenzene	<0.00200	U F1	0.00200		mg/Kg		03/19/26 19:17	03/19/26 23:50	1
m-Xylene & p-Xylene	<0.00399	U F1	0.00399		mg/Kg		03/19/26 19:17	03/19/26 23:50	1
o-Xylene	<0.00200	U F1	0.00200		mg/Kg		03/19/26 19:17	03/19/26 23:50	1
Xylenes, Total	<0.00399	U F1	0.00399		mg/Kg		03/19/26 19:17	03/19/26 23:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*162*	*S1+*	*70 - 130*	*03/19/26 19:17*	*03/19/26 23:50*	*1*
1,4-Difluorobenzene (Surr)	*114*		*70 - 130*	*03/19/26 19:17*	*03/19/26 23:50*	*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			03/19/26 23:50	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.1	U	50.1		mg/Kg			03/20/26 01:30	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	<50.1	U	50.1		mg/Kg		03/16/26 15:36	03/20/26 01:30	1
Diesel Range Organics (Over C10-C28)	<50.1	U	50.1		mg/Kg		03/16/26 15:36	03/20/26 01:30	1
Oil Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		03/16/26 15:36	03/20/26 01:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*104*		*70 - 130*	*03/16/26 15:36*	*03/20/26 01:30*	*1*
o-Terphenyl	*121*		*70 - 130*	*03/16/26 15:36*	*03/20/26 01:30*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**107**		10.0		mg/Kg			03/17/26 17:24	1

Client Sample ID: CS - 2

Lab Sample ID: 890-9656-2
Matrix: Solid
Date Collected: 03/13/26 08:15
Date Received: 03/13/26 16:02
Sample Depth: 1

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		03/19/26 19:17	03/20/26 00:11	1
Toluene	<0.00201	U	0.00201		mg/Kg		03/19/26 19:17	03/20/26 00:11	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		03/19/26 19:17	03/20/26 00:11	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		03/19/26 19:17	03/20/26 00:11	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		03/19/26 19:17	03/20/26 00:11	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		03/19/26 19:17	03/20/26 00:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*131*	*S1+*	*70 - 130*	*03/19/26 19:17*	*03/20/26 00:11*	*1*

Eurofins Carlsbad

Client Sample Results

Client: Earth Systems Response and Restoration
Project/Site: Junior Mint CTB

Job ID: 890-9656-1
SDG: Lea County, NM

Client Sample ID: CS - 2

Lab Sample ID: 890-9656-2
Matrix: Solid
Date Collected: 03/13/26 08:15
Date Received: 03/13/26 16:02
Sample Depth: 1

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

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Difluorobenzene (Surr)	*93*		*70 - 130*	*03/19/26 19:17*	*03/20/26 00:11*	*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			03/20/26 00:11	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.1	U	50.1		mg/Kg			03/20/26 01:50	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	<50.1	U	50.1		mg/Kg		03/16/26 15:36	03/20/26 01:50	1
Diesel Range Organics (Over C10-C28)	<50.1	U	50.1		mg/Kg		03/16/26 15:36	03/20/26 01:50	1
Oil Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		03/16/26 15:36	03/20/26 01:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*116*		*70 - 130*	*03/16/26 15:36*	*03/20/26 01:50*	*1*
o-Terphenyl	*134*	*S1+*	*70 - 130*	*03/16/26 15:36*	*03/20/26 01:50*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**72.1**		10.1		mg/Kg			03/17/26 17:43	1

Client Sample ID: CS - 3

Lab Sample ID: 890-9656-3
Matrix: Solid
Date Collected: 03/13/26 08:20
Date Received: 03/13/26 16:02
Sample Depth: 0.25

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		03/19/26 19:17	03/20/26 00:31	1
Toluene	<0.00202	U	0.00202		mg/Kg		03/19/26 19:17	03/20/26 00:31	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		03/19/26 19:17	03/20/26 00:31	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		03/19/26 19:17	03/20/26 00:31	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		03/19/26 19:17	03/20/26 00:31	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		03/19/26 19:17	03/20/26 00:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*134*	*S1+*	*70 - 130*	*03/19/26 19:17*	*03/20/26 00:31*	*1*
1,4-Difluorobenzene (Surr)	*92*		*70 - 130*	*03/19/26 19:17*	*03/20/26 00:31*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			03/20/26 00:31	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.2	U	50.2		mg/Kg			03/20/26 02:11	1

Eurofins Carlsbad

Client Sample Results

Client: Earth Systems Response and Restoration
Project/Site: Junior Mint CTB

Job ID: 890-9656-1
SDG: Lea County, NM

Client Sample ID: CS - 3

Lab Sample ID: 890-9656-3
Matrix: Solid
Date Collected: 03/13/26 08:20
Date Received: 03/13/26 16:02
Sample Depth: 0.25

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	<50.2	U	50.2		mg/Kg		03/16/26 15:36	03/20/26 02:11	1
Diesel Range Organics (Over C10-C28)	<50.2	U	50.2		mg/Kg		03/16/26 15:36	03/20/26 02:11	1
Oil Range Organics (Over C28-C36)	<50.2	U	50.2		mg/Kg		03/16/26 15:36	03/20/26 02:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*97*		*70 - 130*	*03/16/26 15:36*	*03/20/26 02:11*	*1*
o-Terphenyl	*100*		*70 - 130*	*03/16/26 15:36*	*03/20/26 02:11*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**263**		10.1		mg/Kg			03/17/26 17:50	1

Client Sample ID: CS - 4

Lab Sample ID: 890-9656-4
Matrix: Solid
Date Collected: 03/13/26 08:25
Date Received: 03/13/26 16:02
Sample Depth: 0.25

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		03/19/26 19:17	03/20/26 00:52	1
Toluene	<0.00199	U	0.00199		mg/Kg		03/19/26 19:17	03/20/26 00:52	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		03/19/26 19:17	03/20/26 00:52	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		03/19/26 19:17	03/20/26 00:52	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		03/19/26 19:17	03/20/26 00:52	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		03/19/26 19:17	03/20/26 00:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*140*	*S1+*	*70 - 130*	*03/19/26 19:17*	*03/20/26 00:52*	*1*
1,4-Difluorobenzene (Surr)	*92*		*70 - 130*	*03/19/26 19:17*	*03/20/26 00:52*	*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			03/20/26 00:52	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			03/20/26 08:34	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		03/16/26 17:37	03/20/26 08:34	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		03/16/26 17:37	03/20/26 08:34	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		03/16/26 17:37	03/20/26 08:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*88*		*70 - 130*	*03/16/26 17:37*	*03/20/26 08:34*	*1*
o-Terphenyl	*107*		*70 - 130*	*03/16/26 17:37*	*03/20/26 08:34*	*1*

Client Sample Results

Client: Earth Systems Response and Restoration
Project/Site: Junior Mint CTB

Job ID: 890-9656-1
SDG: Lea County, NM

Client Sample ID: CS - 4

Lab Sample ID: 890-9656-4
Matrix: Solid
Date Collected: 03/13/26 08:25
Date Received: 03/13/26 16:02
Sample Depth: 0.25

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	140		10.0		mg/Kg			03/17/26 17:56	1

Client Sample ID: CS - 5

Lab Sample ID: 890-9656-5
Matrix: Solid
Date Collected: 03/13/26 08:30
Date Received: 03/13/26 16:02
Sample Depth: 0.25

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		03/19/26 19:17	03/20/26 01:12	1
Toluene	<0.00198	U	0.00198		mg/Kg		03/19/26 19:17	03/20/26 01:12	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		03/19/26 19:17	03/20/26 01:12	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		03/19/26 19:17	03/20/26 01:12	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		03/19/26 19:17	03/20/26 01:12	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		03/19/26 19:17	03/20/26 01:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*142*	*S1+*	*70 - 130*	*03/19/26 19:17*	*03/20/26 01:12*	*1*
1,4-Difluorobenzene (Surr)	*88*		*70 - 130*	*03/19/26 19:17*	*03/20/26 01:12*	*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			03/20/26 01:12	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			03/20/26 09:15	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		03/16/26 17:37	03/20/26 09:15	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		03/16/26 17:37	03/20/26 09:15	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		03/16/26 17:37	03/20/26 09:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*98*		*70 - 130*	*03/16/26 17:37*	*03/20/26 09:15*	*1*
o-Terphenyl	*116*		*70 - 130*	*03/16/26 17:37*	*03/20/26 09:15*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	347		9.92		mg/Kg			03/17/26 18:02	1

Client Sample Results

Client: Earth Systems Response and Restoration
Project/Site: Junior Mint CTB

Job ID: 890-9656-1
SDG: Lea County, NM

Client Sample ID: CS - 6

Lab Sample ID: 890-9656-6
Matrix: Solid
Date Collected: 03/13/26 08:35
Date Received: 03/13/26 16:02
Sample Depth: 0.25

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		03/19/26 19:17	03/20/26 01:32	1
Toluene	<0.00200	U	0.00200		mg/Kg		03/19/26 19:17	03/20/26 01:32	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		03/19/26 19:17	03/20/26 01:32	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		03/19/26 19:17	03/20/26 01:32	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		03/19/26 19:17	03/20/26 01:32	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		03/19/26 19:17	03/20/26 01:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*122*		*70 - 130*	*03/19/26 19:17*	*03/20/26 01:32*	*1*
1,4-Difluorobenzene (Surr)	*90*		*70 - 130*	*03/19/26 19:17*	*03/20/26 01:32*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			03/20/26 01:32	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			03/20/26 09:29	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		03/16/26 17:37	03/20/26 09:29	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		03/16/26 17:37	03/20/26 09:29	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		03/16/26 17:37	03/20/26 09:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*97*		*70 - 130*	*03/16/26 17:37*	*03/20/26 09:29*	*1*
o-Terphenyl	*121*		*70 - 130*	*03/16/26 17:37*	*03/20/26 09:29*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**37.6**		9.94		mg/Kg			03/17/26 18:21	1

Client Sample ID: CS - 7

Lab Sample ID: 890-9656-7
Matrix: Solid
Date Collected: 03/13/26 08:40
Date Received: 03/13/26 16:02
Sample Depth: 0.25

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		03/19/26 19:17	03/20/26 01:53	1
Toluene	<0.00201	U	0.00201		mg/Kg		03/19/26 19:17	03/20/26 01:53	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		03/19/26 19:17	03/20/26 01:53	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		03/19/26 19:17	03/20/26 01:53	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		03/19/26 19:17	03/20/26 01:53	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		03/19/26 19:17	03/20/26 01:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*136*	*S1+*	*70 - 130*	*03/19/26 19:17*	*03/20/26 01:53*	*1*

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Client Sample Results

Client: Earth Systems Response and Restoration
Project/Site: Junior Mint CTB

Job ID: 890-9656-1
SDG: Lea County, NM

Client Sample ID: CS - 7

Lab Sample ID: 890-9656-7
Matrix: Solid
Date Collected: 03/13/26 08:40
Date Received: 03/13/26 16:02
Sample Depth: 0.25

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

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Difluorobenzene (Surr)	*89*		*70 - 130*	*03/19/26 19:17*	*03/20/26 01:53*	*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			03/20/26 01:53	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			03/20/26 09:45	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		03/16/26 17:37	03/20/26 09:45	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		03/16/26 17:37	03/20/26 09:45	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		03/16/26 17:37	03/20/26 09:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*96*		*70 - 130*	*03/16/26 17:37*	*03/20/26 09:45*	*1*
o-Terphenyl	*117*		*70 - 130*	*03/16/26 17:37*	*03/20/26 09:45*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**70.1**		10.0		mg/Kg			03/17/26 18:28	1

Client Sample ID: CS - 8

Lab Sample ID: 890-9656-8
Matrix: Solid
Date Collected: 03/13/26 08:45
Date Received: 03/13/26 16:02
Sample Depth: 0.25

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		03/19/26 19:17	03/20/26 02:13	1
Toluene	<0.00202	U	0.00202		mg/Kg		03/19/26 19:17	03/20/26 02:13	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		03/19/26 19:17	03/20/26 02:13	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		03/19/26 19:17	03/20/26 02:13	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		03/19/26 19:17	03/20/26 02:13	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		03/19/26 19:17	03/20/26 02:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*129*		*70 - 130*	*03/19/26 19:17*	*03/20/26 02:13*	*1*
1,4-Difluorobenzene (Surr)	*90*		*70 - 130*	*03/19/26 19:17*	*03/20/26 02:13*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			03/20/26 02:13	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			03/20/26 09:59	1

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Client Sample Results

Client: Earth Systems Response and Restoration
Project/Site: Junior Mint CTB

Job ID: 890-9656-1
SDG: Lea County, NM

Client Sample ID: CS - 8

Lab Sample ID: 890-9656-8
Matrix: Solid
Date Collected: 03/13/26 08:45
Date Received: 03/13/26 16:02
Sample Depth: 0.25

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		03/16/26 17:37	03/20/26 09:59	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		03/16/26 17:37	03/20/26 09:59	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		03/16/26 17:37	03/20/26 09:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*91*		*70 - 130*	*03/16/26 17:37*	*03/20/26 09:59*	*1*
o-Terphenyl	*109*		*70 - 130*	*03/16/26 17:37*	*03/20/26 09:59*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**55.8**		10.0		mg/Kg			03/17/26 18:34	1

Client Sample ID: CS - 9

Lab Sample ID: 890-9656-9
Matrix: Solid
Date Collected: 03/13/26 08:50
Date Received: 03/13/26 16:02
Sample Depth: 0.25

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		03/19/26 19:17	03/20/26 02:34	1
Toluene	<0.00199	U	0.00199		mg/Kg		03/19/26 19:17	03/20/26 02:34	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		03/19/26 19:17	03/20/26 02:34	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		03/19/26 19:17	03/20/26 02:34	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		03/19/26 19:17	03/20/26 02:34	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		03/19/26 19:17	03/20/26 02:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*139*	*S1+*	*70 - 130*	*03/19/26 19:17*	*03/20/26 02:34*	*1*
1,4-Difluorobenzene (Surr)	*88*		*70 - 130*	*03/19/26 19:17*	*03/20/26 02:34*	*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			03/20/26 02:34	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.5	U	50.5		mg/Kg			03/20/26 10:13	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	<50.5	U	50.5		mg/Kg		03/16/26 17:37	03/20/26 10:13	1
Diesel Range Organics (Over C10-C28)	<50.5	U	50.5		mg/Kg		03/16/26 17:37	03/20/26 10:13	1
Oil Range Organics (Over C28-C36)	<50.5	U	50.5		mg/Kg		03/16/26 17:37	03/20/26 10:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*102*		*70 - 130*	*03/16/26 17:37*	*03/20/26 10:13*	*1*
o-Terphenyl	*122*		*70 - 130*	*03/16/26 17:37*	*03/20/26 10:13*	*1*

Client Sample Results

Client: Earth Systems Response and Restoration
Project/Site: Junior Mint CTB

Job ID: 890-9656-1
SDG: Lea County, NM

Client Sample ID: CS - 9

Lab Sample ID: 890-9656-9
Matrix: Solid
Date Collected: 03/13/26 08:50
Date Received: 03/13/26 16:02
Sample Depth: 0.25

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	15.0		10.1		mg/Kg			03/17/26 18:40	1

Client Sample ID: CS - 10

Lab Sample ID: 890-9656-10
Matrix: Solid
Date Collected: 03/13/26 08:55
Date Received: 03/13/26 16:02
Sample Depth: 0.25

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		03/19/26 19:17	03/20/26 02:59	1
Toluene	<0.00198	U	0.00198		mg/Kg		03/19/26 19:17	03/20/26 02:59	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		03/19/26 19:17	03/20/26 02:59	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		03/19/26 19:17	03/20/26 02:59	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		03/19/26 19:17	03/20/26 02:59	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		03/19/26 19:17	03/20/26 02:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*125*		*70 - 130*	*03/19/26 19:17*	*03/20/26 02:59*	*1*
1,4-Difluorobenzene (Surr)	*83*		*70 - 130*	*03/19/26 19:17*	*03/20/26 02:59*	*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			03/20/26 02:59	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.5	U	50.5		mg/Kg			03/20/26 10:27	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	<50.5	U	50.5		mg/Kg		03/16/26 17:37	03/20/26 10:27	1
Diesel Range Organics (Over C10-C28)	<50.5	U	50.5		mg/Kg		03/16/26 17:37	03/20/26 10:27	1
Oil Range Organics (Over C28-C36)	<50.5	U	50.5		mg/Kg		03/16/26 17:37	03/20/26 10:27	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*92*		*70 - 130*	*03/16/26 17:37*	*03/20/26 10:27*	*1*
o-Terphenyl	*110*		*70 - 130*	*03/16/26 17:37*	*03/20/26 10:27*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<9.92	U	9.92		mg/Kg			03/17/26 18:47	1

Client Sample Results

Client: Earth Systems Response and Restoration
Project/Site: Junior Mint CTB

Job ID: 890-9656-1
SDG: Lea County, NM

Client Sample ID: CS - 11

Lab Sample ID: 890-9656-11
Matrix: Solid
Date Collected: 03/13/26 09:00
Date Received: 03/13/26 16:02
Sample Depth: 0.25

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		03/20/26 10:05	03/20/26 11:05	1
Toluene	<0.00200	U	0.00200		mg/Kg		03/20/26 10:05	03/20/26 11:05	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		03/20/26 10:05	03/20/26 11:05	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		03/20/26 10:05	03/20/26 11:05	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		03/20/26 10:05	03/20/26 11:05	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		03/20/26 10:05	03/20/26 11:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*103*		*70 - 130*	*03/20/26 10:05*	*03/20/26 11:05*	*1*
1,4-Difluorobenzene (Surr)	*99*		*70 - 130*	*03/20/26 10:05*	*03/20/26 11:05*	*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			03/20/26 11:05	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.2	U	50.2		mg/Kg			03/20/26 10:43	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	<50.2	U	50.2		mg/Kg		03/16/26 17:37	03/20/26 10:43	1
Diesel Range Organics (Over C10-C28)	<50.2	U	50.2		mg/Kg		03/16/26 17:37	03/20/26 10:43	1
Oil Range Organics (Over C28-C36)	<50.2	U	50.2		mg/Kg		03/16/26 17:37	03/20/26 10:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*97*		*70 - 130*	*03/16/26 17:37*	*03/20/26 10:43*	*1*
o-Terphenyl	*112*		*70 - 130*	*03/16/26 17:37*	*03/20/26 10:43*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**27.1**		9.98		mg/Kg			03/17/26 18:53	1

Client Sample ID: CS - 12

Lab Sample ID: 890-9656-12
Matrix: Solid
Date Collected: 03/13/26 09:05
Date Received: 03/13/26 16:02
Sample Depth: 0.25

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		03/20/26 10:05	03/20/26 11:26	1
Toluene	<0.00201	U	0.00201		mg/Kg		03/20/26 10:05	03/20/26 11:26	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		03/20/26 10:05	03/20/26 11:26	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		03/20/26 10:05	03/20/26 11:26	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		03/20/26 10:05	03/20/26 11:26	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		03/20/26 10:05	03/20/26 11:26	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*91*		*70 - 130*	*03/20/26 10:05*	*03/20/26 11:26*	*1*

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Client Sample Results

Client: Earth Systems Response and Restoration
Project/Site: Junior Mint CTB

Job ID: 890-9656-1
SDG: Lea County, NM

Client Sample ID: CS - 12

Date Collected: 03/13/26 09:05
Date Received: 03/13/26 16:02
Sample Depth: 0.25

Lab Sample ID: 890-9656-12

Matrix: Solid

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

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Difluorobenzene (Surr)	*102*		*70 - 130*	*03/20/26 10:05*	*03/20/26 11:26*	*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			03/20/26 11:26	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.1	U	50.1		mg/Kg			03/20/26 10:57	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	<50.1	U	50.1		mg/Kg		03/16/26 17:37	03/20/26 10:57	1
Diesel Range Organics (Over C10-C28)	<50.1	U	50.1		mg/Kg		03/16/26 17:37	03/20/26 10:57	1
Oil Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		03/16/26 17:37	03/20/26 10:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*102*		*70 - 130*	*03/16/26 17:37*	*03/20/26 10:57*	*1*
o-Terphenyl	*120*		*70 - 130*	*03/16/26 17:37*	*03/20/26 10:57*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**57.6**		10.1		mg/Kg			03/17/26 19:12	1

Client Sample ID: CS - 13

Date Collected: 03/13/26 09:10
Date Received: 03/13/26 16:02
Sample Depth: 0.25

Lab Sample ID: 890-9656-13

Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		03/20/26 10:05	03/20/26 11:46	1
Toluene	<0.00202	U	0.00202		mg/Kg		03/20/26 10:05	03/20/26 11:46	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		03/20/26 10:05	03/20/26 11:46	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		03/20/26 10:05	03/20/26 11:46	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		03/20/26 10:05	03/20/26 11:46	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		03/20/26 10:05	03/20/26 11:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*93*		*70 - 130*	*03/20/26 10:05*	*03/20/26 11:46*	*1*
1,4-Difluorobenzene (Surr)	*103*		*70 - 130*	*03/20/26 10:05*	*03/20/26 11:46*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			03/20/26 11:46	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			03/20/26 11:11	1

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Client Sample Results

Client: Earth Systems Response and Restoration
Project/Site: Junior Mint CTB

Job ID: 890-9656-1
SDG: Lea County, NM

Client Sample ID: CS - 13

Lab Sample ID: 890-9656-13
Matrix: Solid
Date Collected: 03/13/26 09:10
Date Received: 03/13/26 16:02
Sample Depth: 0.25

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		03/16/26 17:37	03/20/26 11:11	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		03/16/26 17:37	03/20/26 11:11	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		03/16/26 17:37	03/20/26 11:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*97*		*70 - 130*	*03/16/26 17:37*	*03/20/26 11:11*	*1*
o-Terphenyl	*114*		*70 - 130*	*03/16/26 17:37*	*03/20/26 11:11*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**128**		10.1		mg/Kg			03/17/26 19:18	1

Client Sample ID: CS - 14

Lab Sample ID: 890-9656-14
Matrix: Solid
Date Collected: 03/13/26 09:15
Date Received: 03/13/26 16:02
Sample Depth: 0.25

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		03/20/26 10:05	03/20/26 12:06	1
Toluene	<0.00199	U	0.00199		mg/Kg		03/20/26 10:05	03/20/26 12:06	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		03/20/26 10:05	03/20/26 12:06	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		03/20/26 10:05	03/20/26 12:06	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		03/20/26 10:05	03/20/26 12:06	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		03/20/26 10:05	03/20/26 12:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*91*		*70 - 130*	*03/20/26 10:05*	*03/20/26 12:06*	*1*
1,4-Difluorobenzene (Surr)	*101*		*70 - 130*	*03/20/26 10:05*	*03/20/26 12:06*	*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			03/20/26 12:06	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.5	U	49.5		mg/Kg			03/20/26 11:40	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	<49.5	U	49.5		mg/Kg		03/16/26 17:37	03/20/26 11:40	1
Diesel Range Organics (Over C10-C28)	<49.5	U	49.5		mg/Kg		03/16/26 17:37	03/20/26 11:40	1
Oil Range Organics (Over C28-C36)	<49.5	U	49.5		mg/Kg		03/16/26 17:37	03/20/26 11:40	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*100*		*70 - 130*	*03/16/26 17:37*	*03/20/26 11:40*	*1*
o-Terphenyl	*116*		*70 - 130*	*03/16/26 17:37*	*03/20/26 11:40*	*1*

Client Sample Results

Client: Earth Systems Response and Restoration
Project/Site: Junior Mint CTB

Job ID: 890-9656-1
SDG: Lea County, NM

Client Sample ID: CS - 14

Lab Sample ID: 890-9656-14
Matrix: Solid
Date Collected: 03/13/26 09:15
Date Received: 03/13/26 16:02
Sample Depth: 0.25

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**76.0**		10.1		mg/Kg			03/17/26 19:37	1

Client Sample ID: CS - 15

Lab Sample ID: 890-9656-15
Matrix: Solid
Date Collected: 03/13/26 09:20
Date Received: 03/13/26 16:02
Sample Depth: 0.25

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		03/20/26 10:05	03/20/26 12:27	1
Toluene	<0.00198	U	0.00198		mg/Kg		03/20/26 10:05	03/20/26 12:27	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		03/20/26 10:05	03/20/26 12:27	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		03/20/26 10:05	03/20/26 12:27	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		03/20/26 10:05	03/20/26 12:27	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		03/20/26 10:05	03/20/26 12:27	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*93*		*70 - 130*	*03/20/26 10:05*	*03/20/26 12:27*	*1*
1,4-Difluorobenzene (Surr)	*101*		*70 - 130*	*03/20/26 10:05*	*03/20/26 12:27*	*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			03/20/26 12:27	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**468**		50.0		mg/Kg			03/25/26 03:14	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		03/24/26 07:49	03/25/26 03:14	1
Diesel Range Organics (Over C10-C28)	**337**		50.0		mg/Kg		03/24/26 07:49	03/25/26 03:14	1
Oil Range Organics (Over C28-C36)	**131**		50.0		mg/Kg		03/24/26 07:49	03/25/26 03:14	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*135*	*S1+*	*70 - 130*	*03/24/26 07:49*	*03/25/26 03:14*	*1*
o-Terphenyl	*139*	*S1+*	*70 - 130*	*03/24/26 07:49*	*03/25/26 03:14*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**40.1**		10.1		mg/Kg			03/17/26 19:44	1

Client Sample Results

Client: Earth Systems Response and Restoration
Project/Site: Junior Mint CTB

Job ID: 890-9656-1
SDG: Lea County, NM

Client Sample ID: CS - 16

Lab Sample ID: 890-9656-16
Matrix: Solid
Date Collected: 03/13/26 09:25
Date Received: 03/13/26 16:02
Sample Depth: 0.25

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		03/20/26 10:05	03/20/26 12:48	1
Toluene	<0.00200	U	0.00200		mg/Kg		03/20/26 10:05	03/20/26 12:48	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		03/20/26 10:05	03/20/26 12:48	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		03/20/26 10:05	03/20/26 12:48	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		03/20/26 10:05	03/20/26 12:48	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		03/20/26 10:05	03/20/26 12:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*95*		*70 - 130*	*03/20/26 10:05*	*03/20/26 12:48*	*1*
1,4-Difluorobenzene (Surr)	*103*		*70 - 130*	*03/20/26 10:05*	*03/20/26 12:48*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			03/20/26 12:48	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**1030**		49.9		mg/Kg			03/20/26 15:18	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		03/16/26 17:37	03/20/26 15:18	1
Diesel Range Organics (Over C10-C28)	**1030**		49.9		mg/Kg		03/16/26 17:37	03/20/26 15:18	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		03/16/26 17:37	03/20/26 15:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*107*		*70 - 130*	*03/16/26 17:37*	*03/20/26 15:18*	*1*
o-Terphenyl	*132*	*S1+*	*70 - 130*	*03/16/26 17:37*	*03/20/26 15:18*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**469**		10.0		mg/Kg			03/17/26 19:50	1

Client Sample ID: CS - 17

Lab Sample ID: 890-9656-17
Matrix: Solid
Date Collected: 03/13/26 03:00
Date Received: 03/13/26 16:02
Sample Depth: 0.25

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		03/20/26 10:05	03/20/26 13:08	1
Toluene	<0.00201	U	0.00201		mg/Kg		03/20/26 10:05	03/20/26 13:08	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		03/20/26 10:05	03/20/26 13:08	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		03/20/26 10:05	03/20/26 13:08	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		03/20/26 10:05	03/20/26 13:08	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		03/20/26 10:05	03/20/26 13:08	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*91*		*70 - 130*	*03/20/26 10:05*	*03/20/26 13:08*	*1*

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Client Sample Results

Client: Earth Systems Response and Restoration
Project/Site: Junior Mint CTB

Job ID: 890-9656-1
SDG: Lea County, NM

Client Sample ID: CS - 17

Lab Sample ID: 890-9656-17
Matrix: Solid
Date Collected: 03/13/26 03:00
Date Received: 03/13/26 16:02
Sample Depth: 0.25

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

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Difluorobenzene (Surr)	*102*		*70 - 130*	*03/20/26 10:05*	*03/20/26 13:08*	*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			03/20/26 13:08	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			03/20/26 15:31	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		03/16/26 17:37	03/20/26 15:31	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		03/16/26 17:37	03/20/26 15:31	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		03/16/26 17:37	03/20/26 15:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*103*		*70 - 130*	*03/16/26 17:37*	*03/20/26 15:31*	*1*
o-Terphenyl	*118*		*70 - 130*	*03/16/26 17:37*	*03/20/26 15:31*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**179**		9.92		mg/Kg			03/17/26 19:56	1

Client Sample ID: CS - 18

Lab Sample ID: 890-9656-18
Matrix: Solid
Date Collected: 03/13/26 09:35
Date Received: 03/13/26 16:02
Sample Depth: 0.25

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		03/20/26 10:05	03/20/26 13:29	1
Toluene	<0.00202	U	0.00202		mg/Kg		03/20/26 10:05	03/20/26 13:29	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		03/20/26 10:05	03/20/26 13:29	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		03/20/26 10:05	03/20/26 13:29	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		03/20/26 10:05	03/20/26 13:29	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		03/20/26 10:05	03/20/26 13:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*93*		*70 - 130*	*03/20/26 10:05*	*03/20/26 13:29*	*1*
1,4-Difluorobenzene (Surr)	*105*		*70 - 130*	*03/20/26 10:05*	*03/20/26 13:29*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			03/20/26 13:29	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**53.7**		50.0		mg/Kg			03/20/26 15:45	1

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Client Sample Results

Client: Earth Systems Response and Restoration
Project/Site: Junior Mint CTB

Job ID: 890-9656-1
SDG: Lea County, NM

Client Sample ID: CS - 18

Lab Sample ID: 890-9656-18
Matrix: Solid
Date Collected: 03/13/26 09:35
Date Received: 03/13/26 16:02
Sample Depth: 0.25

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		03/16/26 17:37	03/20/26 15:45	1
Diesel Range Organics (Over C10-C28)	**53.7**		50.0		mg/Kg		03/16/26 17:37	03/20/26 15:45	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		03/16/26 17:37	03/20/26 15:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*91*		*70 - 130*	*03/16/26 17:37*	*03/20/26 15:45*	*1*
o-Terphenyl	*105*		*70 - 130*	*03/16/26 17:37*	*03/20/26 15:45*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**264**		10.0		mg/Kg			03/18/26 09:38	1

Client Sample ID: CS - 19

Lab Sample ID: 890-9656-19
Matrix: Solid
Date Collected: 03/13/26 09:40
Date Received: 03/13/26 16:02
Sample Depth: 0.25

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		03/20/26 10:05	03/20/26 13:49	1
Toluene	<0.00199	U	0.00199		mg/Kg		03/20/26 10:05	03/20/26 13:49	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		03/20/26 10:05	03/20/26 13:49	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		03/20/26 10:05	03/20/26 13:49	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		03/20/26 10:05	03/20/26 13:49	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		03/20/26 10:05	03/20/26 13:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*94*		*70 - 130*	*03/20/26 10:05*	*03/20/26 13:49*	*1*
1,4-Difluorobenzene (Surr)	*104*		*70 - 130*	*03/20/26 10:05*	*03/20/26 13:49*	*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			03/20/26 13:49	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**133**		49.9		mg/Kg			03/20/26 16:00	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		03/16/26 17:37	03/20/26 16:00	1
Diesel Range Organics (Over C10-C28)	**133**		49.9		mg/Kg		03/16/26 17:37	03/20/26 16:00	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		03/16/26 17:37	03/20/26 16:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*94*		*70 - 130*	*03/16/26 17:37*	*03/20/26 16:00*	*1*
o-Terphenyl	*113*		*70 - 130*	*03/16/26 17:37*	*03/20/26 16:00*	*1*

Client Sample Results

Client: Earth Systems Response and Restoration
Project/Site: Junior Mint CTB

Job ID: 890-9656-1
SDG: Lea County, NM

Client Sample ID: CS - 19

Lab Sample ID: 890-9656-19
Matrix: Solid
Date Collected: 03/13/26 09:40
Date Received: 03/13/26 16:02
Sample Depth: 0.25

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**227**		10.0		mg/Kg			03/18/26 09:45	1

Client Sample ID: CS - 20

Lab Sample ID: 890-9656-20
Matrix: Solid
Date Collected: 03/13/26 09:50
Date Received: 03/13/26 16:02
Sample Depth: 0.25

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		03/20/26 10:05	03/20/26 14:10	1
Toluene	<0.00198	U	0.00198		mg/Kg		03/20/26 10:05	03/20/26 14:10	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		03/20/26 10:05	03/20/26 14:10	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		03/20/26 10:05	03/20/26 14:10	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		03/20/26 10:05	03/20/26 14:10	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		03/20/26 10:05	03/20/26 14:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*96*		*70 - 130*	*03/20/26 10:05*	*03/20/26 14:10*	*1*
1,4-Difluorobenzene (Surr)	*103*		*70 - 130*	*03/20/26 10:05*	*03/20/26 14:10*	*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			03/20/26 14:10	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**70.3**		50.0		mg/Kg			03/20/26 16:13	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		03/16/26 17:37	03/20/26 16:13	1
Diesel Range Organics (Over C10-C28)	**70.3**		50.0		mg/Kg		03/16/26 17:37	03/20/26 16:13	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		03/16/26 17:37	03/20/26 16:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*93*		*70 - 130*	*03/16/26 17:37*	*03/20/26 16:13*	*1*
o-Terphenyl	*109*		*70 - 130*	*03/16/26 17:37*	*03/20/26 16:13*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**756**		9.92		mg/Kg			03/18/26 09:51	1

Surrogate Summary

Client: Earth Systems Response and Restoration
Project/Site: Junior Mint CTB

Job ID: 890-9656-1
SDG: Lea County, NM

Method: 8021B - Volatile Organic Compounds (GC)

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

		Percent Surrogate Recovery (Acceptance Limits)											
Lab Sample ID	Client Sample ID	BFB1 (70-130)	DFBZ1 (70-130)										
890-9656-1	CS - 1	162 S1+	114										
890-9656-1 MS	CS - 1	160 S1+	102										
890-9656-1 MSD	CS - 1	126	91										
890-9656-2	CS - 2	131 S1+	93										
890-9656-3	CS - 3	134 S1+	92										
890-9656-4	CS - 4	140 S1+	92										
890-9656-5	CS - 5	142 S1+	88										
890-9656-6	CS - 6	122	90										
890-9656-7	CS - 7	136 S1+	89										
890-9656-8	CS - 8	129	90										
890-9656-9	CS - 9	139 S1+	88										
890-9656-10	CS - 10	125	83										
890-9656-11	CS - 11	103	99										
890-9656-11 MS	CS - 11	90	100										
890-9656-11 MSD	CS - 11	97	104										
890-9656-12	CS - 12	91	102										
890-9656-13	CS - 13	93	103										
890-9656-14	CS - 14	91	101										
890-9656-15	CS - 15	93	101										
890-9656-16	CS - 16	95	103										
890-9656-17	CS - 17	91	102										
890-9656-18	CS - 18	93	105										
890-9656-19	CS - 19	94	104										
890-9656-20	CS - 20	96	103										
LCS 880-135456/1-A	Lab Control Sample	122	91										
LCS 880-135482/1-A	Lab Control Sample	97	97										
LCSD 880-135456/2-A	Lab Control Sample Dup	130	98										
LCSD 880-135482/2-A	Lab Control Sample Dup	96	104										
MB 880-135394/5-A	Method Blank	118	85										
MB 880-135456/5-A	Method Blank	129	93										
MB 880-135482/5-A	Method Blank	97	100										

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)

DFBZ = 1,4-Difluorobenzene (Surr)

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

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

		Percent Surrogate Recovery (Acceptance Limits)											
Lab Sample ID	Client Sample ID	1CO1 (70-130)	OTPH1 (70-130)										
890-9656-1	CS - 1	104	121										
890-9656-2	CS - 2	116	134 S1+										
890-9656-3	CS - 3	97	100										
890-9656-4	CS - 4	88	107										
890-9656-4 MS	CS - 4	110	107										
890-9656-4 MSD	CS - 4	109	108										
890-9656-5	CS - 5	98	116										
890-9656-6	CS - 6	97	121										

Surrogate Summary

Client: Earth Systems Response and Restoration
Job ID: 890-9656-1
Project/Site: Junior Mint CTB
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)										
890-9656-7	CS - 7	96	117										
890-9656-8	CS - 8	91	109										
890-9656-9	CS - 9	102	122										
890-9656-10	CS - 10	92	110										
890-9656-11	CS - 11	97	112										
890-9656-12	CS - 12	102	120										
890-9656-13	CS - 13	97	114										
890-9656-14	CS - 14	100	116										
890-9656-15	CS - 15	135 S1+	139 S1+										
890-9656-16	CS - 16	107	132 S1+										
890-9656-17	CS - 17	103	118										
890-9656-18	CS - 18	91	105										
890-9656-19	CS - 19	94	113										
890-9656-20	CS - 20	93	109										
LCS 880-135030/2-A	Lab Control Sample	115	104										
LCS 880-135049/2-A	Lab Control Sample	105	102										
LCS 880-135731/2-A	Lab Control Sample	101	94										
LCSD 880-135049/3-A	Lab Control Sample Dup	104	103										
LCSD 880-135731/3-A	Lab Control Sample Dup	98	87										
MB 880-135030/1-A	Method Blank	104	114										
MB 880-135049/1-A	Method Blank	85	95										
MB 880-135731/1-A	Method Blank	91	88										

Surrogate Legend

1CO = 1-Chlorooctane

OTPH = o-Terphenyl

QC Sample Results

Client: Earth Systems Response and Restoration
Project/Site: Junior Mint CTB

Job ID: 890-9656-1
SDG: Lea County, NM

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-135394/5-A
Matrix: Solid
Analysis Batch: 135354

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 135394

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		03/19/26 08:00	03/19/26 11:45	1
Toluene	<0.00200	U	0.00200		mg/Kg		03/19/26 08:00	03/19/26 11:45	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		03/19/26 08:00	03/19/26 11:45	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		03/19/26 08:00	03/19/26 11:45	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		03/19/26 08:00	03/19/26 11:45	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		03/19/26 08:00	03/19/26 11:45	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*118*		*70 - 130*	*03/19/26 08:00*	*03/19/26 11:45*	*1*
1,4-Difluorobenzene (Surr)	*85*		*70 - 130*	*03/19/26 08:00*	*03/19/26 11:45*	*1*

Lab Sample ID: MB 880-135456/5-A
Matrix: Solid
Analysis Batch: 135354

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 135456

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		03/19/26 19:17	03/19/26 23:30	1
Toluene	<0.00200	U	0.00200		mg/Kg		03/19/26 19:17	03/19/26 23:30	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		03/19/26 19:17	03/19/26 23:30	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		03/19/26 19:17	03/19/26 23:30	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		03/19/26 19:17	03/19/26 23:30	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		03/19/26 19:17	03/19/26 23:30	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*129*		*70 - 130*	*03/19/26 19:17*	*03/19/26 23:30*	*1*
1,4-Difluorobenzene (Surr)	*93*		*70 - 130*	*03/19/26 19:17*	*03/19/26 23:30*	*1*

Lab Sample ID: LCS 880-135456/1-A
Matrix: Solid
Analysis Batch: 135354

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 135456

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.1111		mg/Kg		111	70 - 130
Toluene	0.100	0.08861		mg/Kg		89	70 - 130
Ethylbenzene	0.100	0.09272		mg/Kg		93	70 - 130
m-Xylene & p-Xylene	0.200	0.1838		mg/Kg		92	70 - 130
o-Xylene	0.100	0.09572		mg/Kg		96	70 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*122*		*70 - 130*
1,4-Difluorobenzene (Surr)	*91*		*70 - 130*

Lab Sample ID: LCSD 880-135456/2-A
Matrix: Solid
Analysis Batch: 135354

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 135456

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.1051		mg/Kg		105	70 - 130	6	35

QC Sample Results

Client: Earth Systems Response and Restoration
Project/Site: Junior Mint CTB

Job ID: 890-9656-1
SDG: Lea County, NM

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

Lab Sample ID: LCSD 880-135456/2-A — **Client Sample ID: Lab Control Sample Dup**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 135354 — **Prep Batch: 135456**

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Toluene			0.100	0.08062		mg/Kg		81	70 - 130	9	35
Ethylbenzene			0.100	0.07007		mg/Kg		70	70 - 130	28	35
m-Xylene & p-Xylene			0.200	0.1447		mg/Kg		72	70 - 130	24	35
o-Xylene			0.100	0.08986		mg/Kg		90	70 - 130	6	35

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*130*		*70 - 130*
1,4-Difluorobenzene (Surr)	*98*		*70 - 130*

Lab Sample ID: 890-9656-1 MS — **Client Sample ID: CS - 1**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 135354 — **Prep Batch: 135456**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00200	U F1	0.100	0.1122		mg/Kg		112	70 - 130
Toluene	<0.00200	U F1	0.100	0.08643		mg/Kg		86	70 - 130
Ethylbenzene	<0.00200	U F1	0.100	0.07339		mg/Kg		73	70 - 130
m-Xylene & p-Xylene	<0.00399	U F1	0.200	0.1570		mg/Kg		79	70 - 130
o-Xylene	<0.00200	U F1	0.100	0.09902		mg/Kg		99	70 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*160*	*S1+*	*70 - 130*
1,4-Difluorobenzene (Surr)	*102*		*70 - 130*

Lab Sample ID: 890-9656-1 MSD — **Client Sample ID: CS - 1**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 135354 — **Prep Batch: 135456**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00200	U F1	0.100	<0.00200	U F1	mg/Kg		0	70 - 130	NC	35
Toluene	<0.00200	U F1	0.100	<0.00200	U F1	mg/Kg		0	70 - 130	NC	35
Ethylbenzene	<0.00200	U F1	0.100	<0.00200	U F1	mg/Kg		0	70 - 130	NC	35
m-Xylene & p-Xylene	<0.00399	U F1	0.200	<0.00400	U F1	mg/Kg		0	70 - 130	NC	35
o-Xylene	<0.00200	U F1	0.100	<0.00200	U F1	mg/Kg		0	70 - 130	NC	35

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*126*		*70 - 130*
1,4-Difluorobenzene (Surr)	*91*		*70 - 130*

Lab Sample ID: MB 880-135482/5-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 135476 — **Prep Batch: 135482**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		03/20/26 10:05	03/20/26 10:43	1
Toluene	<0.00200	U	0.00200		mg/Kg		03/20/26 10:05	03/20/26 10:43	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		03/20/26 10:05	03/20/26 10:43	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		03/20/26 10:05	03/20/26 10:43	1

QC Sample Results

Client: Earth Systems Response and Restoration
Project/Site: Junior Mint CTB

Job ID: 890-9656-1
SDG: Lea County, NM

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

Lab Sample ID: MB 880-135482/5-A
Matrix: Solid
Analysis Batch: 135476

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 135482

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
o-Xylene	<0.00200	U	0.00200		mg/Kg		03/20/26 10:05	03/20/26 10:43	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		03/20/26 10:05	03/20/26 10:43	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*97*		*70 - 130*	*03/20/26 10:05*	*03/20/26 10:43*	*1*
1,4-Difluorobenzene (Surr)	*100*		*70 - 130*	*03/20/26 10:05*	*03/20/26 10:43*	*1*

Lab Sample ID: LCS 880-135482/1-A
Matrix: Solid
Analysis Batch: 135476

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 135482

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.08409		mg/Kg		84	70 - 130
Toluene	0.100	0.09231		mg/Kg		92	70 - 130
Ethylbenzene	0.100	0.09037		mg/Kg		90	70 - 130
m-Xylene & p-Xylene	0.200	0.1823		mg/Kg		91	70 - 130
o-Xylene	0.100	0.08780		mg/Kg		88	70 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*97*		*70 - 130*
1,4-Difluorobenzene (Surr)	*97*		*70 - 130*

Lab Sample ID: LCSD 880-135482/2-A
Matrix: Solid
Analysis Batch: 135476

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 135482

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.09374		mg/Kg		94	70 - 130	11	35
Toluene	0.100	0.09959		mg/Kg		100	70 - 130	8	35
Ethylbenzene	0.100	0.09372		mg/Kg		94	70 - 130	4	35
m-Xylene & p-Xylene	0.200	0.1905		mg/Kg		95	70 - 130	4	35
o-Xylene	0.100	0.09182		mg/Kg		92	70 - 130	4	35

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*96*		*70 - 130*
1,4-Difluorobenzene (Surr)	*104*		*70 - 130*

Lab Sample ID: 890-9656-11 MS
Matrix: Solid
Analysis Batch: 135476

Client Sample ID: CS - 11
Prep Type: Total/NA
Prep Batch: 135482

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00200	U	0.100	0.08318		mg/Kg		83	70 - 130
Toluene	<0.00200	U	0.100	0.09007		mg/Kg		90	70 - 130
Ethylbenzene	<0.00200	U	0.100	0.08662		mg/Kg		87	70 - 130
m-Xylene & p-Xylene	<0.00399	U	0.200	0.1752		mg/Kg		88	70 - 130
o-Xylene	<0.00200	U	0.100	0.08533		mg/Kg		85	70 - 130

QC Sample Results

Client: Earth Systems Response and Restoration
Project/Site: Junior Mint CTB

Job ID: 890-9656-1
SDG: Lea County, NM

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

Lab Sample ID: 890-9656-11 MS
Matrix: Solid
Analysis Batch: 135476

Client Sample ID: CS - 11
Prep Type: Total/NA
Prep Batch: 135482

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	*90*		*70 - 130*
1,4-Difluorobenzene (Surr)	*100*		*70 - 130*

Lab Sample ID: 890-9656-11 MSD
Matrix: Solid
Analysis Batch: 135476

Client Sample ID: CS - 11
Prep Type: Total/NA
Prep Batch: 135482

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00200	U	0.100	0.09732		mg/Kg		97	70 - 130	16	35
Toluene	<0.00200	U	0.100	0.1015		mg/Kg		102	70 - 130	12	35
Ethylbenzene	<0.00200	U	0.100	0.09583		mg/Kg		96	70 - 130	10	35
m-Xylene & p-Xylene	<0.00399	U	0.200	0.1944		mg/Kg		97	70 - 130	10	35
o-Xylene	<0.00200	U	0.100	0.09364		mg/Kg		94	70 - 130	9	35

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	*97*		*70 - 130*
1,4-Difluorobenzene (Surr)	*104*		*70 - 130*

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

Lab Sample ID: MB 880-135030/1-A
Matrix: Solid
Analysis Batch: 135442

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 135030

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		03/16/26 15:36	03/19/26 14:20	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		03/16/26 15:36	03/19/26 14:20	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		03/16/26 15:36	03/19/26 14:20	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	*104*		*70 - 130*	*03/16/26 15:36*	*03/19/26 14:20*	*1*
o-Terphenyl	*114*		*70 - 130*	*03/16/26 15:36*	*03/19/26 14:20*	*1*

Lab Sample ID: LCS 880-135030/2-A
Matrix: Solid
Analysis Batch: 135442

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 135030

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	994.7		mg/Kg		99	70 - 130
Diesel Range Organics (Over C10-C28)	1000	1018		mg/Kg		102	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1-Chlorooctane	*115*		*70 - 130*
o-Terphenyl	*104*		*70 - 130*

QC Sample Results

Client: Earth Systems Response and Restoration
Project/Site: Junior Mint CTB

Job ID: 890-9656-1
SDG: Lea County, NM

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

Lab Sample ID: MB 880-135049/1-A
Matrix: Solid
Analysis Batch: 135466

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 135049

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		03/16/26 17:37	03/20/26 06:23	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		03/16/26 17:37	03/20/26 06:23	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		03/16/26 17:37	03/20/26 06:23	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*85*		*70 - 130*	*03/16/26 17:37*	*03/20/26 06:23*	*1*
o-Terphenyl	*95*		*70 - 130*	*03/16/26 17:37*	*03/20/26 06:23*	*1*

Lab Sample ID: LCS 880-135049/2-A
Matrix: Solid
Analysis Batch: 135466

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 135049

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	1082		mg/Kg		108	70 - 130
Diesel Range Organics (Over C10-C28)	1000	1026		mg/Kg		103	70 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1-Chlorooctane	*105*		*70 - 130*
o-Terphenyl	*102*		*70 - 130*

Lab Sample ID: LCSD 880-135049/3-A
Matrix: Solid
Analysis Batch: 135466

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 135049

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	1073		mg/Kg		107	70 - 130	1	20
Diesel Range Organics (Over C10-C28)	1000	1030		mg/Kg		103	70 - 130	0	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1-Chlorooctane	*104*		*70 - 130*
o-Terphenyl	*103*		*70 - 130*

Lab Sample ID: 890-9656-4 MS
Matrix: Solid
Analysis Batch: 135466

Client Sample ID: CS - 4
Prep Type: Total/NA
Prep Batch: 135049

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	1012		mg/Kg		101	70 - 130
Diesel Range Organics (Over C10-C28)	<49.9	U	999	1002		mg/Kg		100	70 - 130

QC Sample Results

Client: Earth Systems Response and Restoration
Project/Site: Junior Mint CTB

Job ID: 890-9656-1
SDG: Lea County, NM

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

Lab Sample ID: 890-9656-4 MS
Matrix: Solid
Analysis Batch: 135466

Client Sample ID: CS - 4
Prep Type: Total/NA
Prep Batch: 135049

Surrogate	MS %Recovery	MS Qualifier	Limits
1-Chlorooctane	110		70 - 130
o-Terphenyl	107		70 - 130

Lab Sample ID: 890-9656-4 MSD
Matrix: Solid
Analysis Batch: 135466

Client Sample ID: CS - 4
Prep Type: Total/NA
Prep Batch: 135049

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	1010		mg/Kg		101	70 - 130	0	20
Diesel Range Organics (Over C10-C28)	<49.9	U	999	982.9		mg/Kg		98	70 - 130	2	20

Surrogate	MSD %Recovery	MSD Qualifier	Limits
1-Chlorooctane	109		70 - 130
o-Terphenyl	108		70 - 130

Lab Sample ID: MB 880-135731/1-A
Matrix: Solid
Analysis Batch: 135821

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 135731

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		03/24/26 07:49	03/24/26 15:18	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		03/24/26 07:49	03/24/26 15:18	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		03/24/26 07:49	03/24/26 15:18	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	91		70 - 130	03/24/26 07:49	03/24/26 15:18	1
o-Terphenyl	88		70 - 130	03/24/26 07:49	03/24/26 15:18	1

Lab Sample ID: LCS 880-135731/2-A
Matrix: Solid
Analysis Batch: 135821

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 135731

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10			1000	1165		mg/Kg		116	70 - 130		
Diesel Range Organics (Over C10-C28)			1000	1245		mg/Kg		124	70 - 130		

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

QC Sample Results

Client: Earth Systems Response and Restoration
Project/Site: Junior Mint CTB

Job ID: 890-9656-1
SDG: Lea County, NM

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

Lab Sample ID: LCSD 880-135731/3-A
Matrix: Solid
Analysis Batch: 135821

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 135731

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	1143		mg/Kg		114	70 - 130	2	20
Diesel Range Organics (Over C10-C28)			1000	1165		mg/Kg		117	70 - 130	7	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1-Chlorooctane	*98*		*70 - 130*
o-Terphenyl	*87*		*70 - 130*

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-135068/1-A
Matrix: Solid
Analysis Batch: 135110

Client Sample ID: Method Blank
Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0		mg/Kg			03/17/26 16:03	1

Lab Sample ID: LCS 880-135068/2-A
Matrix: Solid
Analysis Batch: 135110

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride			250	236.5		mg/Kg		95	90 - 110		

Lab Sample ID: LCSD 880-135068/3-A
Matrix: Solid
Analysis Batch: 135110

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	263.6		mg/Kg		105	90 - 110	11	20

Lab Sample ID: 890-9656-1 MS
Matrix: Solid
Analysis Batch: 135110

Client Sample ID: CS - 1
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	107		250	357.6		mg/Kg		100	90 - 110		

Lab Sample ID: 890-9656-1 MSD
Matrix: Solid
Analysis Batch: 135110

Client Sample ID: CS - 1
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	107		250	356.2		mg/Kg		100	90 - 110	0	20

QC Sample Results

Client: Earth Systems Response and Restoration
Project/Site: Junior Mint CTB

Job ID: 890-9656-1
SDG: Lea County, NM

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: 890-9656-11 MS
Matrix: Solid
Analysis Batch: 135110

Client Sample ID: CS - 11
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	27.1		250	275.5		mg/Kg		100	90 - 110

Lab Sample ID: 890-9656-11 MSD
Matrix: Solid
Analysis Batch: 135110

Client Sample ID: CS - 11
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	27.1		250	274.1		mg/Kg		99	90 - 110	1	20

Lab Sample ID: MB 880-135112/1-A
Matrix: Solid
Analysis Batch: 135140

Client Sample ID: Method Blank
Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0		mg/Kg			03/18/26 07:59	1

Lab Sample ID: LCS 880-135112/2-A
Matrix: Solid
Analysis Batch: 135140

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	247.9		mg/Kg		99	90 - 110

Lab Sample ID: LCSD 880-135112/3-A
Matrix: Solid
Analysis Batch: 135140

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	250.4		mg/Kg		100	90 - 110	1	20

Lab Sample ID: 890-9656-20 MS
Matrix: Solid
Analysis Batch: 135140

Client Sample ID: CS - 20
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	756		248	986.1		mg/Kg		93	90 - 110

Lab Sample ID: 890-9656-20 MSD
Matrix: Solid
Analysis Batch: 135140

Client Sample ID: CS - 20
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	756		248	986.6		mg/Kg		93	90 - 110	0	20

QC Association Summary

Client: Earth Systems Response and Restoration
Project/Site: Junior Mint CTB

Job ID: 890-9656-1
SDG: Lea County, NM

GC VOA

Analysis Batch: 135354

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9656-1	CS - 1	Total/NA	Solid	8021B	135456
890-9656-2	CS - 2	Total/NA	Solid	8021B	135456
890-9656-3	CS - 3	Total/NA	Solid	8021B	135456
890-9656-4	CS - 4	Total/NA	Solid	8021B	135456
890-9656-5	CS - 5	Total/NA	Solid	8021B	135456
890-9656-6	CS - 6	Total/NA	Solid	8021B	135456
890-9656-7	CS - 7	Total/NA	Solid	8021B	135456
890-9656-8	CS - 8	Total/NA	Solid	8021B	135456
890-9656-9	CS - 9	Total/NA	Solid	8021B	135456
890-9656-10	CS - 10	Total/NA	Solid	8021B	135456
MB 880-135394/5-A	Method Blank	Total/NA	Solid	8021B	135394
MB 880-135456/5-A	Method Blank	Total/NA	Solid	8021B	135456
LCS 880-135456/1-A	Lab Control Sample	Total/NA	Solid	8021B	135456
LCSD 880-135456/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	135456
890-9656-1 MS	CS - 1	Total/NA	Solid	8021B	135456
890-9656-1 MSD	CS - 1	Total/NA	Solid	8021B	135456

Prep Batch: 135394

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-135394/5-A	Method Blank	Total/NA	Solid	5035	

Prep Batch: 135456

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9656-1	CS - 1	Total/NA	Solid	5035	
890-9656-2	CS - 2	Total/NA	Solid	5035	
890-9656-3	CS - 3	Total/NA	Solid	5035	
890-9656-4	CS - 4	Total/NA	Solid	5035	
890-9656-5	CS - 5	Total/NA	Solid	5035	
890-9656-6	CS - 6	Total/NA	Solid	5035	
890-9656-7	CS - 7	Total/NA	Solid	5035	
890-9656-8	CS - 8	Total/NA	Solid	5035	
890-9656-9	CS - 9	Total/NA	Solid	5035	
890-9656-10	CS - 10	Total/NA	Solid	5035	
MB 880-135456/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-135456/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-135456/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-9656-1 MS	CS - 1	Total/NA	Solid	5035	
890-9656-1 MSD	CS - 1	Total/NA	Solid	5035	

Analysis Batch: 135476

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9656-11	CS - 11	Total/NA	Solid	8021B	135482
890-9656-12	CS - 12	Total/NA	Solid	8021B	135482
890-9656-13	CS - 13	Total/NA	Solid	8021B	135482
890-9656-14	CS - 14	Total/NA	Solid	8021B	135482
890-9656-15	CS - 15	Total/NA	Solid	8021B	135482
890-9656-16	CS - 16	Total/NA	Solid	8021B	135482
890-9656-17	CS - 17	Total/NA	Solid	8021B	135482
890-9656-18	CS - 18	Total/NA	Solid	8021B	135482
890-9656-19	CS - 19	Total/NA	Solid	8021B	135482
890-9656-20	CS - 20	Total/NA	Solid	8021B	135482

QC Association Summary

Client: Earth Systems Response and Restoration
Project/Site: Junior Mint CTB

Job ID: 890-9656-1
SDG: Lea County, NM

GC VOA (Continued)

Analysis Batch: 135476 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-135482/5-A	Method Blank	Total/NA	Solid	8021B	135482
LCS 880-135482/1-A	Lab Control Sample	Total/NA	Solid	8021B	135482
LCSD 880-135482/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	135482
890-9656-11 MS	CS - 11	Total/NA	Solid	8021B	135482
890-9656-11 MSD	CS - 11	Total/NA	Solid	8021B	135482

Prep Batch: 135482

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9656-11	CS - 11	Total/NA	Solid	5035	
890-9656-12	CS - 12	Total/NA	Solid	5035	
890-9656-13	CS - 13	Total/NA	Solid	5035	
890-9656-14	CS - 14	Total/NA	Solid	5035	
890-9656-15	CS - 15	Total/NA	Solid	5035	
890-9656-16	CS - 16	Total/NA	Solid	5035	
890-9656-17	CS - 17	Total/NA	Solid	5035	
890-9656-18	CS - 18	Total/NA	Solid	5035	
890-9656-19	CS - 19	Total/NA	Solid	5035	
890-9656-20	CS - 20	Total/NA	Solid	5035	
MB 880-135482/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-135482/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-135482/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-9656-11 MS	CS - 11	Total/NA	Solid	5035	
890-9656-11 MSD	CS - 11	Total/NA	Solid	5035	

Analysis Batch: 135532

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9656-1	CS - 1	Total/NA	Solid	Total BTEX	
890-9656-2	CS - 2	Total/NA	Solid	Total BTEX	
890-9656-3	CS - 3	Total/NA	Solid	Total BTEX	
890-9656-4	CS - 4	Total/NA	Solid	Total BTEX	
890-9656-5	CS - 5	Total/NA	Solid	Total BTEX	
890-9656-6	CS - 6	Total/NA	Solid	Total BTEX	
890-9656-7	CS - 7	Total/NA	Solid	Total BTEX	
890-9656-8	CS - 8	Total/NA	Solid	Total BTEX	
890-9656-9	CS - 9	Total/NA	Solid	Total BTEX	
890-9656-10	CS - 10	Total/NA	Solid	Total BTEX	
890-9656-11	CS - 11	Total/NA	Solid	Total BTEX	
890-9656-12	CS - 12	Total/NA	Solid	Total BTEX	
890-9656-13	CS - 13	Total/NA	Solid	Total BTEX	
890-9656-14	CS - 14	Total/NA	Solid	Total BTEX	
890-9656-15	CS - 15	Total/NA	Solid	Total BTEX	
890-9656-16	CS - 16	Total/NA	Solid	Total BTEX	
890-9656-17	CS - 17	Total/NA	Solid	Total BTEX	
890-9656-18	CS - 18	Total/NA	Solid	Total BTEX	
890-9656-19	CS - 19	Total/NA	Solid	Total BTEX	
890-9656-20	CS - 20	Total/NA	Solid	Total BTEX	

QC Association Summary

Client: Earth Systems Response and Restoration
Project/Site: Junior Mint CTB

Job ID: 890-9656-1
SDG: Lea County, NM

GC Semi VOA

Prep Batch: 135030

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9656-1	CS - 1	Total/NA	Solid	8015NM Prep	
890-9656-2	CS - 2	Total/NA	Solid	8015NM Prep	
890-9656-3	CS - 3	Total/NA	Solid	8015NM Prep	
MB 880-135030/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-135030/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	

Prep Batch: 135049

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9656-4	CS - 4	Total/NA	Solid	8015NM Prep	
890-9656-5	CS - 5	Total/NA	Solid	8015NM Prep	
890-9656-6	CS - 6	Total/NA	Solid	8015NM Prep	
890-9656-7	CS - 7	Total/NA	Solid	8015NM Prep	
890-9656-8	CS - 8	Total/NA	Solid	8015NM Prep	
890-9656-9	CS - 9	Total/NA	Solid	8015NM Prep	
890-9656-10	CS - 10	Total/NA	Solid	8015NM Prep	
890-9656-11	CS - 11	Total/NA	Solid	8015NM Prep	
890-9656-12	CS - 12	Total/NA	Solid	8015NM Prep	
890-9656-13	CS - 13	Total/NA	Solid	8015NM Prep	
890-9656-14	CS - 14	Total/NA	Solid	8015NM Prep	
890-9656-16	CS - 16	Total/NA	Solid	8015NM Prep	
890-9656-17	CS - 17	Total/NA	Solid	8015NM Prep	
890-9656-18	CS - 18	Total/NA	Solid	8015NM Prep	
890-9656-19	CS - 19	Total/NA	Solid	8015NM Prep	
890-9656-20	CS - 20	Total/NA	Solid	8015NM Prep	
MB 880-135049/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-135049/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-135049/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-9656-4 MS	CS - 4	Total/NA	Solid	8015NM Prep	
890-9656-4 MSD	CS - 4	Total/NA	Solid	8015NM Prep	

Analysis Batch: 135442

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9656-1	CS - 1	Total/NA	Solid	8015B NM	135030
890-9656-2	CS - 2	Total/NA	Solid	8015B NM	135030
890-9656-3	CS - 3	Total/NA	Solid	8015B NM	135030
MB 880-135030/1-A	Method Blank	Total/NA	Solid	8015B NM	135030
LCS 880-135030/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	135030

Analysis Batch: 135466

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9656-4	CS - 4	Total/NA	Solid	8015B NM	135049
890-9656-5	CS - 5	Total/NA	Solid	8015B NM	135049
890-9656-6	CS - 6	Total/NA	Solid	8015B NM	135049
890-9656-7	CS - 7	Total/NA	Solid	8015B NM	135049
890-9656-8	CS - 8	Total/NA	Solid	8015B NM	135049
890-9656-9	CS - 9	Total/NA	Solid	8015B NM	135049
890-9656-10	CS - 10	Total/NA	Solid	8015B NM	135049
890-9656-11	CS - 11	Total/NA	Solid	8015B NM	135049
890-9656-12	CS - 12	Total/NA	Solid	8015B NM	135049
890-9656-13	CS - 13	Total/NA	Solid	8015B NM	135049
890-9656-14	CS - 14	Total/NA	Solid	8015B NM	135049

QC Association Summary

Client: Earth Systems Response and Restoration
Project/Site: Junior Mint CTB

Job ID: 890-9656-1
SDG: Lea County, NM

GC Semi VOA (Continued)

Analysis Batch: 135466 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9656-16	CS - 16	Total/NA	Solid	8015B NM	135049
890-9656-17	CS - 17	Total/NA	Solid	8015B NM	135049
890-9656-18	CS - 18	Total/NA	Solid	8015B NM	135049
890-9656-19	CS - 19	Total/NA	Solid	8015B NM	135049
890-9656-20	CS - 20	Total/NA	Solid	8015B NM	135049
MB 880-135049/1-A	Method Blank	Total/NA	Solid	8015B NM	135049
LCS 880-135049/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	135049
LCSD 880-135049/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	135049
890-9656-4 MS	CS - 4	Total/NA	Solid	8015B NM	135049
890-9656-4 MSD	CS - 4	Total/NA	Solid	8015B NM	135049

Analysis Batch: 135640

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9656-1	CS - 1	Total/NA	Solid	8015 NM	
890-9656-2	CS - 2	Total/NA	Solid	8015 NM	
890-9656-3	CS - 3	Total/NA	Solid	8015 NM	
890-9656-4	CS - 4	Total/NA	Solid	8015 NM	
890-9656-5	CS - 5	Total/NA	Solid	8015 NM	
890-9656-6	CS - 6	Total/NA	Solid	8015 NM	
890-9656-7	CS - 7	Total/NA	Solid	8015 NM	
890-9656-8	CS - 8	Total/NA	Solid	8015 NM	
890-9656-9	CS - 9	Total/NA	Solid	8015 NM	
890-9656-10	CS - 10	Total/NA	Solid	8015 NM	
890-9656-11	CS - 11	Total/NA	Solid	8015 NM	
890-9656-12	CS - 12	Total/NA	Solid	8015 NM	
890-9656-13	CS - 13	Total/NA	Solid	8015 NM	
890-9656-14	CS - 14	Total/NA	Solid	8015 NM	
890-9656-15	CS - 15	Total/NA	Solid	8015 NM	
890-9656-16	CS - 16	Total/NA	Solid	8015 NM	
890-9656-17	CS - 17	Total/NA	Solid	8015 NM	
890-9656-18	CS - 18	Total/NA	Solid	8015 NM	
890-9656-19	CS - 19	Total/NA	Solid	8015 NM	
890-9656-20	CS - 20	Total/NA	Solid	8015 NM	

Prep Batch: 135731

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9656-15	CS - 15	Total/NA	Solid	8015NM Prep	
MB 880-135731/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-135731/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-135731/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	

Analysis Batch: 135821

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9656-15	CS - 15	Total/NA	Solid	8015B NM	135731
MB 880-135731/1-A	Method Blank	Total/NA	Solid	8015B NM	135731
LCS 880-135731/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	135731
LCSD 880-135731/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	135731

QC Association Summary

Client: Earth Systems Response and Restoration
Project/Site: Junior Mint CTB

Job ID: 890-9656-1
SDG: Lea County, NM

HPLC/IC

Leach Batch: 135068

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9656-1	CS - 1	Soluble	Solid	DI Leach	
890-9656-2	CS - 2	Soluble	Solid	DI Leach	
890-9656-3	CS - 3	Soluble	Solid	DI Leach	
890-9656-4	CS - 4	Soluble	Solid	DI Leach	
890-9656-5	CS - 5	Soluble	Solid	DI Leach	
890-9656-6	CS - 6	Soluble	Solid	DI Leach	
890-9656-7	CS - 7	Soluble	Solid	DI Leach	
890-9656-8	CS - 8	Soluble	Solid	DI Leach	
890-9656-9	CS - 9	Soluble	Solid	DI Leach	
890-9656-10	CS - 10	Soluble	Solid	DI Leach	
890-9656-11	CS - 11	Soluble	Solid	DI Leach	
890-9656-12	CS - 12	Soluble	Solid	DI Leach	
890-9656-13	CS - 13	Soluble	Solid	DI Leach	
890-9656-14	CS - 14	Soluble	Solid	DI Leach	
890-9656-15	CS - 15	Soluble	Solid	DI Leach	
890-9656-16	CS - 16	Soluble	Solid	DI Leach	
890-9656-17	CS - 17	Soluble	Solid	DI Leach	
MB 880-135068/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-135068/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-135068/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
890-9656-1 MS	CS - 1	Soluble	Solid	DI Leach	
890-9656-1 MSD	CS - 1	Soluble	Solid	DI Leach	
890-9656-11 MS	CS - 11	Soluble	Solid	DI Leach	
890-9656-11 MSD	CS - 11	Soluble	Solid	DI Leach	

Analysis Batch: 135110

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9656-1	CS - 1	Soluble	Solid	300.0	135068
890-9656-2	CS - 2	Soluble	Solid	300.0	135068
890-9656-3	CS - 3	Soluble	Solid	300.0	135068
890-9656-4	CS - 4	Soluble	Solid	300.0	135068
890-9656-5	CS - 5	Soluble	Solid	300.0	135068
890-9656-6	CS - 6	Soluble	Solid	300.0	135068
890-9656-7	CS - 7	Soluble	Solid	300.0	135068
890-9656-8	CS - 8	Soluble	Solid	300.0	135068
890-9656-9	CS - 9	Soluble	Solid	300.0	135068
890-9656-10	CS - 10	Soluble	Solid	300.0	135068
890-9656-11	CS - 11	Soluble	Solid	300.0	135068
890-9656-12	CS - 12	Soluble	Solid	300.0	135068
890-9656-13	CS - 13	Soluble	Solid	300.0	135068
890-9656-14	CS - 14	Soluble	Solid	300.0	135068
890-9656-15	CS - 15	Soluble	Solid	300.0	135068
890-9656-16	CS - 16	Soluble	Solid	300.0	135068
890-9656-17	CS - 17	Soluble	Solid	300.0	135068
MB 880-135068/1-A	Method Blank	Soluble	Solid	300.0	135068
LCS 880-135068/2-A	Lab Control Sample	Soluble	Solid	300.0	135068
LCSD 880-135068/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	135068
890-9656-1 MS	CS - 1	Soluble	Solid	300.0	135068
890-9656-1 MSD	CS - 1	Soluble	Solid	300.0	135068
890-9656-11 MS	CS - 11	Soluble	Solid	300.0	135068
890-9656-11 MSD	CS - 11	Soluble	Solid	300.0	135068

QC Association Summary

Client: Earth Systems Response and Restoration
Project/Site: Junior Mint CTB

Job ID: 890-9656-1
SDG: Lea County, NM

HPLC/IC

Leach Batch: 135112

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9656-18	CS - 18	Soluble	Solid	DI Leach	
890-9656-19	CS - 19	Soluble	Solid	DI Leach	
890-9656-20	CS - 20	Soluble	Solid	DI Leach	
MB 880-135112/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-135112/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-135112/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
890-9656-20 MS	CS - 20	Soluble	Solid	DI Leach	
890-9656-20 MSD	CS - 20	Soluble	Solid	DI Leach	

Analysis Batch: 135140

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9656-18	CS - 18	Soluble	Solid	300.0	135112
890-9656-19	CS - 19	Soluble	Solid	300.0	135112
890-9656-20	CS - 20	Soluble	Solid	300.0	135112
MB 880-135112/1-A	Method Blank	Soluble	Solid	300.0	135112
LCS 880-135112/2-A	Lab Control Sample	Soluble	Solid	300.0	135112
LCSD 880-135112/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	135112
890-9656-20 MS	CS - 20	Soluble	Solid	300.0	135112
890-9656-20 MSD	CS - 20	Soluble	Solid	300.0	135112

Lab Chronicle

Client: Earth Systems Response and Restoration
Job ID: 890-9656-1
Project/Site: Junior Mint CTB
SDG: Lea County, NM

Client Sample ID: CS - 1
Lab Sample ID: 890-9656-1
Date Collected: 03/13/26 00:00
Matrix: Solid
Date Received: 03/13/26 16:02

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	135456	03/19/26 19:17	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	135354	03/19/26 23:50	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			135532	03/19/26 23:50	SA	EET MID
Total/NA	Analysis	8015 NM		1			135640	03/20/26 01:30	SA	EET MID
Total/NA	Prep	8015NM Prep			9.98 g	10.00 mL	135030	03/16/26 15:36	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	135442	03/20/26 01:30	SA	EET MID
Soluble	Leach	DI Leach			5.00 g	50 mL	135068	03/17/26 08:38	SI	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	135110	03/17/26 17:24	SMC	EET MID

Client Sample ID: CS - 2
Lab Sample ID: 890-9656-2
Date Collected: 03/13/26 08:15
Matrix: Solid
Date Received: 03/13/26 16:02

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	135456	03/19/26 19:17	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	135354	03/20/26 00:11	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			135532	03/20/26 00:11	SA	EET MID
Total/NA	Analysis	8015 NM		1			135640	03/20/26 01:50	SA	EET MID
Total/NA	Prep	8015NM Prep			9.99 g	10.00 mL	135030	03/16/26 15:36	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	135442	03/20/26 01:50	SA	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	135068	03/17/26 08:38	SI	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	135110	03/17/26 17:43	SMC	EET MID

Client Sample ID: CS - 3
Lab Sample ID: 890-9656-3
Date Collected: 03/13/26 08:20
Matrix: Solid
Date Received: 03/13/26 16:02

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	135456	03/19/26 19:17	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	135354	03/20/26 00:31	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			135532	03/20/26 00:31	SA	EET MID
Total/NA	Analysis	8015 NM		1			135640	03/20/26 02:11	SA	EET MID
Total/NA	Prep	8015NM Prep			9.96 g	10.00 mL	135030	03/16/26 15:36	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	135442	03/20/26 02:11	SA	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	135068	03/17/26 08:38	SI	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	135110	03/17/26 17:50	SMC	EET MID

Client Sample ID: CS - 4
Lab Sample ID: 890-9656-4
Date Collected: 03/13/26 08:25
Matrix: Solid
Date Received: 03/13/26 16:02

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	135456	03/19/26 19:17	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	135354	03/20/26 00:52	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			135532	03/20/26 00:52	SA	EET MID

Lab Chronicle

Client: Earth Systems Response and Restoration
Project/Site: Junior Mint CTB

Job ID: 890-9656-1
SDG: Lea County, NM

Client Sample ID: CS - 4

Date Collected: 03/13/26 08:25
Date Received: 03/13/26 16:02

Lab Sample ID: 890-9656-4
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			135640	03/20/26 08:34	SA	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10.00 mL	135049	03/16/26 17:37	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	135466	03/20/26 08:34	FC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	135068	03/17/26 08:38	SI	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	135110	03/17/26 17:56	SMC	EET MID

Client Sample ID: CS - 5

Date Collected: 03/13/26 08:30
Date Received: 03/13/26 16:02

Lab Sample ID: 890-9656-5
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	135456	03/19/26 19:17	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	135354	03/20/26 01:12	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			135532	03/20/26 01:12	SA	EET MID
Total/NA	Analysis	8015 NM		1			135640	03/20/26 09:15	SA	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10.00 mL	135049	03/16/26 17:37	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	135466	03/20/26 09:15	FC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	135068	03/17/26 08:38	SI	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	135110	03/17/26 18:02	SMC	EET MID

Client Sample ID: CS - 6

Date Collected: 03/13/26 08:35
Date Received: 03/13/26 16:02

Lab Sample ID: 890-9656-6
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	135456	03/19/26 19:17	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	135354	03/20/26 01:32	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			135532	03/20/26 01:32	SA	EET MID
Total/NA	Analysis	8015 NM		1			135640	03/20/26 09:29	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	135049	03/16/26 17:37	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	135466	03/20/26 09:29	FC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	135068	03/17/26 08:38	SI	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	135110	03/17/26 18:21	SMC	EET MID

Client Sample ID: CS - 7

Date Collected: 03/13/26 08:40
Date Received: 03/13/26 16:02

Lab Sample ID: 890-9656-7
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	135456	03/19/26 19:17	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	135354	03/20/26 01:53	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			135532	03/20/26 01:53	SA	EET MID
Total/NA	Analysis	8015 NM		1			135640	03/20/26 09:45	SA	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10.00 mL	135049	03/16/26 17:37	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	135466	03/20/26 09:45	FC	EET MID

Eurofins Carlsbad

Lab Chronicle

Client: Earth Systems Response and Restoration
Project/Site: Junior Mint CTB

Job ID: 890-9656-1
SDG: Lea County, NM

Client Sample ID: CS - 7

Date Collected: 03/13/26 08:40
Date Received: 03/13/26 16:02

Lab Sample ID: 890-9656-7
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			4.99 g	50 mL	135068	03/17/26 08:38	SI	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	135110	03/17/26 18:28	SMC	EET MID

Client Sample ID: CS - 8

Date Collected: 03/13/26 08:45
Date Received: 03/13/26 16:02

Lab Sample ID: 890-9656-8
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	135456	03/19/26 19:17	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	135354	03/20/26 02:13	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			135532	03/20/26 02:13	SA	EET MID
Total/NA	Analysis	8015 NM		1			135640	03/20/26 09:59	SA	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10.00 mL	135049	03/16/26 17:37	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	135466	03/20/26 09:59	FC	EET MID
Soluble	Leach	DI Leach			5.00 g	50 mL	135068	03/17/26 08:38	SI	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	135110	03/17/26 18:34	SMC	EET MID

Client Sample ID: CS - 9

Date Collected: 03/13/26 08:50
Date Received: 03/13/26 16:02

Lab Sample ID: 890-9656-9
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	135456	03/19/26 19:17	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	135354	03/20/26 02:34	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			135532	03/20/26 02:34	SA	EET MID
Total/NA	Analysis	8015 NM		1			135640	03/20/26 10:13	SA	EET MID
Total/NA	Prep	8015NM Prep			9.90 g	10.00 mL	135049	03/16/26 17:37	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	135466	03/20/26 10:13	FC	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	135068	03/17/26 08:38	SI	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	135110	03/17/26 18:40	SMC	EET MID

Client Sample ID: CS - 10

Date Collected: 03/13/26 08:55
Date Received: 03/13/26 16:02

Lab Sample ID: 890-9656-10
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	135456	03/19/26 19:17	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	135354	03/20/26 02:59	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			135532	03/20/26 02:59	SA	EET MID
Total/NA	Analysis	8015 NM		1			135640	03/20/26 10:27	SA	EET MID
Total/NA	Prep	8015NM Prep			9.91 g	10.00 mL	135049	03/16/26 17:37	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	135466	03/20/26 10:27	FC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	135068	03/17/26 08:38	SI	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	135110	03/17/26 18:47	SMC	EET MID

Lab Chronicle

Client: Earth Systems Response and Restoration
Project/Site: Junior Mint CTB

Job ID: 890-9656-1
SDG: Lea County, NM

Client Sample ID: CS - 11

Date Collected: 03/13/26 09:00
Date Received: 03/13/26 16:02

Lab Sample ID: 890-9656-11

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	135482	03/20/26 10:05	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	135476	03/20/26 11:05	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			135532	03/20/26 11:05	SA	EET MID
Total/NA	Analysis	8015 NM		1			135640	03/20/26 10:43	SA	EET MID
Total/NA	Prep	8015NM Prep			9.96 g	10.00 mL	135049	03/16/26 17:37	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	135466	03/20/26 10:43	FC	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	135068	03/17/26 08:38	SI	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	135110	03/17/26 18:53	SMC	EET MID

Client Sample ID: CS - 12

Date Collected: 03/13/26 09:05
Date Received: 03/13/26 16:02

Lab Sample ID: 890-9656-12

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	135482	03/20/26 10:05	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	135476	03/20/26 11:26	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			135532	03/20/26 11:26	SA	EET MID
Total/NA	Analysis	8015 NM		1			135640	03/20/26 10:57	SA	EET MID
Total/NA	Prep	8015NM Prep			9.98 g	10.00 mL	135049	03/16/26 17:37	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	135466	03/20/26 10:57	FC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	135068	03/17/26 08:38	SI	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	135110	03/17/26 19:12	SMC	EET MID

Client Sample ID: CS - 13

Date Collected: 03/13/26 09:10
Date Received: 03/13/26 16:02

Lab Sample ID: 890-9656-13

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	135482	03/20/26 10:05	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	135476	03/20/26 11:46	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			135532	03/20/26 11:46	SA	EET MID
Total/NA	Analysis	8015 NM		1			135640	03/20/26 11:11	SA	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10.00 mL	135049	03/16/26 17:37	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	135466	03/20/26 11:11	FC	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	135068	03/17/26 08:38	SI	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	135110	03/17/26 19:18	SMC	EET MID

Client Sample ID: CS - 14

Date Collected: 03/13/26 09:15
Date Received: 03/13/26 16:02

Lab Sample ID: 890-9656-14

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	135482	03/20/26 10:05	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	135476	03/20/26 12:06	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			135532	03/20/26 12:06	SA	EET MID

Eurofins Carlsbad

Lab Chronicle

Client: Earth Systems Response and Restoration
Project/Site: Junior Mint CTB

Job ID: 890-9656-1
SDG: Lea County, NM

Client Sample ID: CS - 14

Date Collected: 03/13/26 09:15
Date Received: 03/13/26 16:02

Lab Sample ID: 890-9656-14

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			135640	03/20/26 11:40	SA	EET MID
Total/NA	Prep	8015NM Prep			10.10 g	10.00 mL	135049	03/16/26 17:37	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	135466	03/20/26 11:40	FC	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	135068	03/17/26 08:38	SI	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	135110	03/17/26 19:37	SMC	EET MID

Client Sample ID: CS - 15

Date Collected: 03/13/26 09:20
Date Received: 03/13/26 16:02

Lab Sample ID: 890-9656-15

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	135482	03/20/26 10:05	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	135476	03/20/26 12:27	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			135532	03/20/26 12:27	SA	EET MID
Total/NA	Analysis	8015 NM		1			135640	03/25/26 03:14	SA	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10.00 mL	135731	03/24/26 07:49	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	135821	03/25/26 03:14	FC	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	135068	03/17/26 08:38	SI	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	135110	03/17/26 19:44	SMC	EET MID

Client Sample ID: CS - 16

Date Collected: 03/13/26 09:25
Date Received: 03/13/26 16:02

Lab Sample ID: 890-9656-16

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	135482	03/20/26 10:05	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	135476	03/20/26 12:48	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			135532	03/20/26 12:48	SA	EET MID
Total/NA	Analysis	8015 NM		1			135640	03/20/26 15:18	SA	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10.00 mL	135049	03/16/26 17:37	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	135466	03/20/26 15:18	FC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	135068	03/17/26 08:38	SI	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	135110	03/17/26 19:50	SMC	EET MID

Client Sample ID: CS - 17

Date Collected: 03/13/26 03:00
Date Received: 03/13/26 16:02

Lab Sample ID: 890-9656-17

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	135482	03/20/26 10:05	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	135476	03/20/26 13:08	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			135532	03/20/26 13:08	SA	EET MID
Total/NA	Analysis	8015 NM		1			135640	03/20/26 15:31	SA	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10.00 mL	135049	03/16/26 17:37	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	135466	03/20/26 15:31	FC	EET MID

Eurofins Carlsbad

Lab Chronicle

Client: Earth Systems Response and Restoration
Project/Site: Junior Mint CTB

Job ID: 890-9656-1
SDG: Lea County, NM

Client Sample ID: CS - 17

Date Collected: 03/13/26 03:00
Date Received: 03/13/26 16:02

Lab Sample ID: 890-9656-17

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.04 g	50 mL	135068	03/17/26 08:38	SI	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	135110	03/17/26 19:56	SMC	EET MID

Client Sample ID: CS - 18

Date Collected: 03/13/26 09:35
Date Received: 03/13/26 16:02

Lab Sample ID: 890-9656-18

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	135482	03/20/26 10:05	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	135476	03/20/26 13:29	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			135532	03/20/26 13:29	SA	EET MID
Total/NA	Analysis	8015 NM		1			135640	03/20/26 15:45	SA	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10.00 mL	135049	03/16/26 17:37	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	135466	03/20/26 15:45	FC	EET MID
Soluble	Leach	DI Leach			5.00 g	50 mL	135112	03/17/26 11:21	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	135140	03/18/26 09:38	CS	EET MID

Client Sample ID: CS - 19

Date Collected: 03/13/26 09:40
Date Received: 03/13/26 16:02

Lab Sample ID: 890-9656-19

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	135482	03/20/26 10:05	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	135476	03/20/26 13:49	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			135532	03/20/26 13:49	SA	EET MID
Total/NA	Analysis	8015 NM		1			135640	03/20/26 16:00	SA	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10.00 mL	135049	03/16/26 17:37	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	135466	03/20/26 16:00	FC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	135112	03/17/26 11:21	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	135140	03/18/26 09:45	CS	EET MID

Client Sample ID: CS - 20

Date Collected: 03/13/26 09:50
Date Received: 03/13/26 16:02

Lab Sample ID: 890-9656-20

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	135482	03/20/26 10:05	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	135476	03/20/26 14:10	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			135532	03/20/26 14:10	SA	EET MID
Total/NA	Analysis	8015 NM		1			135640	03/20/26 16:13	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	135049	03/16/26 17:37	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	135466	03/20/26 16:13	FC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	135112	03/17/26 11:21	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	135140	03/18/26 09:51	CS	EET MID

Lab Chronicle

Client: Earth Systems Response and Restoration
Project/Site: Junior Mint CTB

Job ID: 890-9656-1
SDG: Lea County, NM

Laboratory References:

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

Accreditation/Certification Summary

Client: Earth Systems Response and Restoration
Job ID: 890-9656-1
Project/Site: Junior Mint CTB
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	06-30-26

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

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

Method Summary

Client: Earth Systems Response and Restoration
Project/Site: Junior Mint CTB

Job ID: 890-9656-1
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: Earth Systems Response and Restoration
Project/Site: Junior Mint CTB

Job ID: 890-9656-1
SDG: Lea County, NM

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Depth
890-9656-1	CS - 1	Solid	03/13/26 00:00	03/13/26 16:02	0.25
890-9656-2	CS - 2	Solid	03/13/26 08:15	03/13/26 16:02	1
890-9656-3	CS - 3	Solid	03/13/26 08:20	03/13/26 16:02	0.25
890-9656-4	CS - 4	Solid	03/13/26 08:25	03/13/26 16:02	0.25
890-9656-5	CS - 5	Solid	03/13/26 08:30	03/13/26 16:02	0.25
890-9656-6	CS - 6	Solid	03/13/26 08:35	03/13/26 16:02	0.25
890-9656-7	CS - 7	Solid	03/13/26 08:40	03/13/26 16:02	0.25
890-9656-8	CS - 8	Solid	03/13/26 08:45	03/13/26 16:02	0.25
890-9656-9	CS - 9	Solid	03/13/26 08:50	03/13/26 16:02	0.25
890-9656-10	CS - 10	Solid	03/13/26 08:55	03/13/26 16:02	0.25
890-9656-11	CS - 11	Solid	03/13/26 09:00	03/13/26 16:02	0.25
890-9656-12	CS - 12	Solid	03/13/26 09:05	03/13/26 16:02	0.25
890-9656-13	CS - 13	Solid	03/13/26 09:10	03/13/26 16:02	0.25
890-9656-14	CS - 14	Solid	03/13/26 09:15	03/13/26 16:02	0.25
890-9656-15	CS - 15	Solid	03/13/26 09:20	03/13/26 16:02	0.25
890-9656-16	CS - 16	Solid	03/13/26 09:25	03/13/26 16:02	0.25
890-9656-17	CS - 17	Solid	03/13/26 03:00	03/13/26 16:02	0.25
890-9656-18	CS - 18	Solid	03/13/26 09:35	03/13/26 16:02	0.25
890-9656-19	CS - 19	Solid	03/13/26 09:40	03/13/26 16:02	0.25
890-9656-20	CS - 20	Solid	03/13/26 09:50	03/13/26 16:02	0.25

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Chain of Custody

Houston, TX (281) 240-4200, Dallas, TX (214) 902-0300
Midland, TX (432) 704-5440, San Antonio, TX (210) 509-3334
EL Paso, TX (915) 585-3443, Lubbock, TX (806) 794-1296
Hobbs, NM (575) 392-7550, Carlsbad, NM (575) 988-3199

Work Order No: _____

www.xenco.com Page 1 of 2

Project Manager:	Gilbert Moreno	Bill to: (if different)	Earth Systems R & R
Company Name:	Earth Systems R&R	Company Name:	
Address:	1910 Resource Ct.	Address:	
City, State ZIP:	Carlsbad, NM, 88220	City, State ZIP:	
Phone:	832-541-7719	Email:	gmoreno@earthsys.net, michael.benini@earthsys.net

Work Order Comments

Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐
State of Project:
Reporting: Level II ☐ Level III ☐ PST/UST ☐ TRRP ☐ Level IV ☐
Deliverables: EDD ☐ ADaPT ☐ Other:

Project Name:	Junior Mint CTB	Turn Around	☑ Routine ☐ Rush
Project Number:	8885	Due Date:	Routine TAT
Project Location:	Lea County, NM	TAT starts the day received by the lab, if received by 4:30pm	
Sampler's Name:	Michael Benini		
CC/ WO #:			

SAMPLE RECEIPT			
Temp Blank:	(Yes) No	Wet Ice:	(Yes) No
Samples Received Intact:	(Yes) No	Thermometer ID:	Inmec
Cooler Custody Seals:	Yes No (N/A)	Correction Factor:	-0.8
Sample Custody Seals:	Yes No (N/A)	Temperature Reading:	-2.9
Total Containers:		Corrected Temperature:	-1.8

ANALYSIS REQUEST

890-9656 Chain of Custody

Sample Identification	Matrix	Date Sampled	Time Sampled	Depth	Grab/ Comp	# of Cont	TPH-NM	Chloride-NM	BTEX-NM	TDS	Cation/ Anion	TCLP-Metals	TCLP- BTEX	TCLP- RCI		Hold	24 Hr Rush			
CS-1	S	3.13.26	8:15	0.25	Comp	1	X	X	X											
CS-2	S	3.13.26	8:20	1	Comp	1	X	X	X											
CS-3	S	3.13.26	8:25	0.25	Comp	1	X	X	X											
CS-4	S	3.13.26	8:30	0.25	Comp	1	X	X	X											
CS-5	S	3.13.26	8:35	0.25	Comp	1	X	X	X											
CS-6	S	3.13.26	8:40	0.25	Comp	1	X	X	X											
CS-7	S	3.13.26	8:45	0.25	Comp	1	X	X	X											
CS-8	S	3.13.26	8:50	0.25	Comp	1	X	X	X											
CS-9	S	3.13.26	8:55	0.25	Comp	1	X	X	X											
CS-10	S	3.13.26	9:00	0.25	Comp	1	X	X	X											

Preservative Codes

None: NO | DI Water: H_2O
Cool: Cool | MeOH: Me
HCL: HC | HNO_3: HN
H_2S0_4: H_2 | NaOH: Na
H_3PO_4: HP
$NaHSO_4$: NABIS
$Na_2S_2O_3$: $NaSO_3$
Zn Acetate+NaOH: Zn
NaOH+Ascorbic Acid: SAPC

Sample Comments

Incident Number
nAPP2603461687

Total 200.7 / 6010 200.8 / 6020: 8RCRA 13PPM Texas 11 Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO_2 Na Sr Tl Sn U V Zn

Circle Method(s) and Metal(s) to be analyzed **TCLP / SPLP 6010**: 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Tl U Hg: 1631 / 245.1 / 7470 / 7471

Notice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Eurofins Xenco, its affiliates and subcontractors. It assigns standard terms and conditions of service. Eurofins 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 Eurofins Xenco. A minimum charge of $85.00 will be applied to each project and a charge of $5 for each sample submitted to Eurofins 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 Michael Benini		3/13/26	2		
			4		

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Chain of Custody

Houston, TX (281) 240-4200, Dallas, TX (214) 902-0300
Midland, TX (432) 704-5440, San Antonio, TX (210) 509-3334
EL Paso, TX (915) 585-3443, Lubbock, TX (806) 794-1296
Hobbs, NM (575) 392-7550, Carlsbad, NM (575) 988-3199

Work Order No: _____

www.xenco.com Page 2 of 2

Project Manager:	Gilbert Moreno	Bill to: (if different)	Earth Systems R & R
Company Name:	Earth Systems R&R	Company Name:	
Address:	1910 Resource Ct.	Address:	
City, State ZIP:	Carlsbad, NM, 88220	City, State ZIP:	
Phone:	832-541-7719	Email:	gmoreno@earthsys.net, michael.benini@earthsys.net

Work Order Comments

Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐
State of Project:
Reporting: Level II ☐ Level III ☐ PST/UST ☐ TRRP ☐ Level IV ☐
Deliverables: EDD ☐ ADaPT ☐ Other:

Project Name:	Junior Mint CTB	Turn Around	
Project Number:	8885	☑ Routine ☐ Rush	
Project Location:	Lea County, NM	Due Date:	Routine TAT
Sampler's Name:	Michael Benini	TAT starts the day received by the lab, if received by 4:30pm	
CC/ WO #:			

SAMPLE RECEIPT	Temp Blank: (Yes) No	Wet Ice: (Yes) No	
Samples Received Intact:	(Yes) No	Thermometer ID:	Thermo 007
Cooler Custody Seals:	Yes No (N/A)	Correction Factor:	-0.2
Sample Custody Seals:	Yes No (N/A)	Temperature Reading:	-2.9
Total Containers:		Corrected Temperature:	-1.8

Preservative Codes

None: NO; DI Water: H_2O; Cool: Cool; MeOH: Me; HCL: HC; HNO_3: HN; H_2S0_4: H_2; NaOH: Na; H_3PO_4: HP; $NaHSO_4$: NABIS; $Na_2S_2O_3$: $NaSO_3$; Zn Acetate+NaOH: Zn; NaOH+Ascorbic Acid: SAPC

Sample Identification	Matrix	Date Sampled	Time Sampled	Depth	Grab/ Comp	# of Cont	Pres. Code	TPH-NM	Chloride-NM	BTEX-NM	TDS	Cation/ Anion	TCLP-Metals	TCLP- BTEX	TCLP- RCI	Hold	24 Hr Rush	Sample Comments
CS-11	S	3.13.26	9:05	0.25	Comp	1		X	X	X								Incident Number
CS-12	S	3.13.26	9:10	0.25	Comp	1		X	X	X								nAPP2603461687
CS-13	S	3.13.26	9:15	0.25	Comp	1		X	X	X								
CS-14	S	3.13.26	9:20	0.25	Comp	1		X	X	X								
CS-15	S	3.13.26	9:25	0.25	Comp	1		X	X	X								
CS-16	S	3.13.26	9:30	0.25	Comp	1		X	X	X								
CS-17	S	3.13.26	9:35	0.25	Comp	1		X	X	X								
CS-18	S	3.13.26	9:40	0.25	Comp	1		X	X	X								
CS-19	S	3.13.26	9:45	0.25	Comp	1		X	X	X								
CS-20	S	3.13.26	9:50	0.25	Comp	1		X	X	X								

Total 200.7 / 6010 200.8 / 6020: 8RCRA 13PPM Texas 11 Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO_2 Na Sr Tl Sn U V Zn

Circle Method(s) and Metal(s) to be analyzed **TCLP / SPLP 6010**: 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Tl U Hg: 1631 / 245.1 / 7470 / 7471

Notice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Eurofins Xenco, its affiliates and subcontractors. It assigns standard terms and conditions of service. Eurofins 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 Eurofins Xenco. A minimum charge of $85.00 will be applied to each project and a charge of $5 for each sample submitted to Eurofins 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		3/13 1600	2		
3			4		
5			6		

Revised Date: 08/25/2020 Rev. 2020.2

Login Sample Receipt Checklist

Client: Earth Systems Response and Restoration

Job Number: 890-9656-1
SDG Number: Lea County, NM

Login Number: 9656
List Number: 1
Creator: Bruns, Shannon

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: Earth Systems Response and Restoration

Job Number: 890-9656-1
SDG Number: Lea County, NM

Login Number: 9656
List Number: 2
Creator: Laing, Edmundo

List Source: Eurofins Midland
List Creation: 03/17/26 07:52 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	

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ANALYTICAL REPORT

PREPARED FOR

Attn: Gilbert Moreno
Earth Systems Response and Restoration
5114 WCR 128
Midland, Texas 79706

Generated 3/23/2026 11:35:17 AM

JOB DESCRIPTION

Junior Mint CTB
Lea County, NM

JOB NUMBER

890-9658-1

Eurofins Carlsbad
1089 N Canal St.
Carlsbad NM 88220

See page two for job notes and contact information.

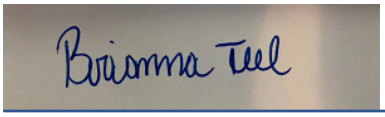
Eurofins Carlsbad

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

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



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3/23/2026 11:35:17 AM

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

Client: Earth Systems Response and Restoration
Project/Site: Junior Mint CTB

Laboratory Job ID: 890-9658-1
SDG: Lea County, NM

Table of Contents

Definitions/Glossary

Client: Earth Systems Response and Restoration
Project/Site: Junior Mint CTB

Job ID: 890-9658-1
SDG: Lea County, NM

Qualifiers

GC VOA

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

GC Semi VOA

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

HPLC/IC

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

Glossary

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

Case Narrative

Client: Earth Systems Response and Restoration Job ID: 890-9658-1
Project: Junior Mint CTB

Job ID: 890-9658-1 Eurofins Carlsbad

Job Narrative
890-9658-1

The analytical test results presented in this report meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page, unless otherwise noted. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable. Regulated compliance samples (e.g. SDWA, NPDES) must comply with associated agency requirements/permits.

- Matrix-specific batch QC (e.g., MS, MSD, SD) may not be reported when insufficient sample volume is available or when site-specific QC samples are not submitted. In such cases, a Laboratory Control Sample Duplicate (LCSD) may be analyzed to provide precision data for the batch.
- For samples analyzed using surrogate and/or isotope dilution analytes, any recoveries falling outside of established acceptance criteria are re-prepared and/or re-analyzed to confirm results, unless the deviation is due to sample dilution or otherwise explained in the case narrative.

Receipt
The samples were received on 3/13/2026 4:02 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was -1.8°C.

Receipt Exceptions
The following samples were received and analyzed from an unpreserved bulk soil jar: SW - 1 (890-9658-1), SW - 2 (890-9658-2) and SW - 3 (890-9658-3).

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

Diesel Range Organics
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: Earth Systems Response and Restoration
Project/Site: Junior Mint CTB

Job ID: 890-9658-1
SDG: Lea County, NM

Client Sample ID: SW - 1

Lab Sample ID: 890-9658-1
Matrix: Solid
Date Collected: 03/13/26 08:00
Date Received: 03/13/26 16:02
Sample Depth: 0-0.25

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		03/19/26 14:59	03/20/26 02:13	1
Toluene	<0.00198	U	0.00198		mg/Kg		03/19/26 14:59	03/20/26 02:13	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		03/19/26 14:59	03/20/26 02:13	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		03/19/26 14:59	03/20/26 02:13	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		03/19/26 14:59	03/20/26 02:13	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		03/19/26 14:59	03/20/26 02:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*97*		*70 - 130*	*03/19/26 14:59*	*03/20/26 02:13*	*1*
1,4-Difluorobenzene (Surr)	*105*		*70 - 130*	*03/19/26 14:59*	*03/20/26 02:13*	*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			03/20/26 02:13	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			03/20/26 00:28	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		03/16/26 15:36	03/20/26 00:28	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		03/16/26 15:36	03/20/26 00:28	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		03/16/26 15:36	03/20/26 00:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*110*		*70 - 130*	*03/16/26 15:36*	*03/20/26 00:28*	*1*
o-Terphenyl	*128*		*70 - 130*	*03/16/26 15:36*	*03/20/26 00:28*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**75.5**		10.1		mg/Kg			03/17/26 20:03	1

Client Sample ID: SW - 2

Lab Sample ID: 890-9658-2
Matrix: Solid
Date Collected: 03/13/26 08:05
Date Received: 03/13/26 16:02
Sample Depth: 0-0.25

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		03/19/26 14:59	03/20/26 03:47	1
Toluene	<0.00200	U	0.00200		mg/Kg		03/19/26 14:59	03/20/26 03:47	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		03/19/26 14:59	03/20/26 03:47	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		03/19/26 14:59	03/20/26 03:47	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		03/19/26 14:59	03/20/26 03:47	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		03/19/26 14:59	03/20/26 03:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*102*		*70 - 130*	*03/19/26 14:59*	*03/20/26 03:47*	*1*

Eurofins Carlsbad

Client Sample Results

Client: Earth Systems Response and Restoration
Project/Site: Junior Mint CTB

Job ID: 890-9658-1
SDG: Lea County, NM

Client Sample ID: SW - 2

Lab Sample ID: 890-9658-2
Matrix: Solid
Date Collected: 03/13/26 08:05
Date Received: 03/13/26 16:02
Sample Depth: 0-0.25

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

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Difluorobenzene (Surr)	*104*		*70 - 130*	*03/19/26 14:59*	*03/20/26 03:47*	*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			03/20/26 03:47	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			03/20/26 00:48	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	<49.7	U	49.7		mg/Kg		03/16/26 15:36	03/20/26 00:48	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		03/16/26 15:36	03/20/26 00:48	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		03/16/26 15:36	03/20/26 00:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*113*		*70 - 130*	*03/16/26 15:36*	*03/20/26 00:48*	*1*
o-Terphenyl	*129*		*70 - 130*	*03/16/26 15:36*	*03/20/26 00:48*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**165**		10.0		mg/Kg			03/17/26 20:09	1

Client Sample ID: SW - 3

Lab Sample ID: 890-9658-3
Matrix: Solid
Date Collected: 03/13/26 08:10
Date Received: 03/13/26 16:02
Sample Depth: 0-0.25

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		03/19/26 14:59	03/20/26 04:07	1
Toluene	<0.00201	U	0.00201		mg/Kg		03/19/26 14:59	03/20/26 04:07	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		03/19/26 14:59	03/20/26 04:07	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		03/19/26 14:59	03/20/26 04:07	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		03/19/26 14:59	03/20/26 04:07	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		03/19/26 14:59	03/20/26 04:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*94*		*70 - 130*	*03/19/26 14:59*	*03/20/26 04:07*	*1*
1,4-Difluorobenzene (Surr)	*101*		*70 - 130*	*03/19/26 14:59*	*03/20/26 04:07*	*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			03/20/26 04:07	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			03/20/26 01:10	1

Client Sample Results

Client: Earth Systems Response and Restoration
Project/Site: Junior Mint CTB

Job ID: 890-9658-1
SDG: Lea County, NM

Client Sample ID: SW - 3

Date Collected: 03/13/26 08:10
Date Received: 03/13/26 16:02
Sample Depth: 0-0.25

Lab Sample ID: 890-9658-3

Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		03/16/26 15:36	03/20/26 01:10	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		03/16/26 15:36	03/20/26 01:10	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		03/16/26 15:36	03/20/26 01:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*108*		*70 - 130*	*03/16/26 15:36*	*03/20/26 01:10*	*1*
o-Terphenyl	*121*		*70 - 130*	*03/16/26 15:36*	*03/20/26 01:10*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**204**		9.96		mg/Kg			03/17/26 20:15	1

Surrogate Summary

Client: Earth Systems Response and Restoration
Project/Site: Junior Mint CTB

Job ID: 890-9658-1
SDG: Lea County, NM

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
		BFB1	DFBZ1
Lab Sample ID	Client Sample ID	(70-130)	(70-130)
890-9658-1	SW - 1	97	105
890-9658-2	SW - 2	102	104
890-9658-3	SW - 3	94	101
LCS 880-135412/1-A	Lab Control Sample	104	99
LCSD 880-135412/2-A	Lab Control Sample Dup	101	101
MB 880-135391/5-A	Method Blank	94	97
MB 880-135412/5-A	Method Blank	95	96

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)
DFBZ = 1,4-Difluorobenzene (Surr)

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

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
		1CO1	OTPH1
Lab Sample ID	Client Sample ID	(70-130)	(70-130)
890-9658-1	SW - 1	110	128
890-9658-2	SW - 2	113	129
890-9658-3	SW - 3	108	121
LCS 880-135030/2-A	Lab Control Sample	115	104
MB 880-135030/1-A	Method Blank	104	114

Surrogate Legend

1CO = 1-Chlorooctane
OTPH = o-Terphenyl

QC Sample Results

Client: Earth Systems Response and Restoration
Project/Site: Junior Mint CTB

Job ID: 890-9658-1
SDG: Lea County, NM

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-135391/5-A
Matrix: Solid
Analysis Batch: 135356

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 135391

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		03/19/26 10:59	03/19/26 11:49	1
Toluene	<0.00200	U	0.00200		mg/Kg		03/19/26 10:59	03/19/26 11:49	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		03/19/26 10:59	03/19/26 11:49	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		03/19/26 10:59	03/19/26 11:49	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		03/19/26 10:59	03/19/26 11:49	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		03/19/26 10:59	03/19/26 11:49	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*94*		*70 - 130*	*03/19/26 10:59*	*03/19/26 11:49*	*1*
1,4-Difluorobenzene (Surr)	*97*		*70 - 130*	*03/19/26 10:59*	*03/19/26 11:49*	*1*

Lab Sample ID: MB 880-135412/5-A
Matrix: Solid
Analysis Batch: 135356

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 135412

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		03/19/26 14:59	03/19/26 22:47	1
Toluene	<0.00200	U	0.00200		mg/Kg		03/19/26 14:59	03/19/26 22:47	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		03/19/26 14:59	03/19/26 22:47	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		03/19/26 14:59	03/19/26 22:47	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		03/19/26 14:59	03/19/26 22:47	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		03/19/26 14:59	03/19/26 22:47	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*95*		*70 - 130*	*03/19/26 14:59*	*03/19/26 22:47*	*1*
1,4-Difluorobenzene (Surr)	*96*		*70 - 130*	*03/19/26 14:59*	*03/19/26 22:47*	*1*

Lab Sample ID: LCS 880-135412/1-A
Matrix: Solid
Analysis Batch: 135356

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 135412

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene			0.100	0.09550		mg/Kg		96	70 - 130		
Toluene			0.100	0.1082		mg/Kg		108	70 - 130		
Ethylbenzene			0.100	0.1077		mg/Kg		108	70 - 130		
m-Xylene & p-Xylene			0.200	0.2238		mg/Kg		112	70 - 130		
o-Xylene			0.100	0.1059		mg/Kg		106	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*104*		*70 - 130*
1,4-Difluorobenzene (Surr)	*99*		*70 - 130*

Lab Sample ID: LCSD 880-135412/2-A
Matrix: Solid
Analysis Batch: 135356

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 135412

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene			0.100	0.1035		mg/Kg		104	70 - 130	8	35

Eurofins Carlsbad

QC Sample Results

Client: Earth Systems Response and Restoration
Project/Site: Junior Mint CTB

Job ID: 890-9658-1
SDG: Lea County, NM

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

Lab Sample ID: LCSD 880-135412/2-A
Matrix: Solid
Analysis Batch: 135356

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 135412

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Toluene			0.100	0.1094		mg/Kg		109	70 - 130	1	35
Ethylbenzene			0.100	0.1044		mg/Kg		104	70 - 130	3	35
m-Xylene & p-Xylene			0.200	0.2140		mg/Kg		107	70 - 130	4	35
o-Xylene			0.100	0.1020		mg/Kg		102	70 - 130	4	35

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*101*		*70 - 130*
1,4-Difluorobenzene (Surr)	*101*		*70 - 130*

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

Lab Sample ID: MB 880-135030/1-A
Matrix: Solid
Analysis Batch: 135442

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 135030

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		03/16/26 15:36	03/19/26 14:20	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		03/16/26 15:36	03/19/26 14:20	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		03/16/26 15:36	03/19/26 14:20	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*104*		*70 - 130*	*03/16/26 15:36*	*03/19/26 14:20*	*1*
o-Terphenyl	*114*		*70 - 130*	*03/16/26 15:36*	*03/19/26 14:20*	*1*

Lab Sample ID: LCS 880-135030/2-A
Matrix: Solid
Analysis Batch: 135442

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 135030

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10			1000	994.7		mg/Kg		99	70 - 130
Diesel Range Organics (Over C10-C28)			1000	1018		mg/Kg		102	70 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1-Chlorooctane	*115*		*70 - 130*
o-Terphenyl	*104*		*70 - 130*

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-135068/1-A
Matrix: Solid
Analysis Batch: 135110

Client Sample ID: Method Blank
Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0		mg/Kg			03/17/26 16:03	1

QC Sample Results

Client: Earth Systems Response and Restoration
Project/Site: Junior Mint CTB

Job ID: 890-9658-1
SDG: Lea County, NM

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: LCS 880-135068/2-A
Matrix: Solid
Analysis Batch: 135110

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride			250	236.5		mg/Kg		95	90 - 110		

Lab Sample ID: LCSD 880-135068/3-A
Matrix: Solid
Analysis Batch: 135110

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	263.6		mg/Kg		105	90 - 110	11	20

QC Association Summary

Client: Earth Systems Response and Restoration
Project/Site: Junior Mint CTB

Job ID: 890-9658-1
SDG: Lea County, NM

GC VOA

Analysis Batch: 135356

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9658-1	SW - 1	Total/NA	Solid	8021B	135412
890-9658-2	SW - 2	Total/NA	Solid	8021B	135412
890-9658-3	SW - 3	Total/NA	Solid	8021B	135412
MB 880-135391/5-A	Method Blank	Total/NA	Solid	8021B	135391
MB 880-135412/5-A	Method Blank	Total/NA	Solid	8021B	135412
LCS 880-135412/1-A	Lab Control Sample	Total/NA	Solid	8021B	135412
LCSD 880-135412/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	135412

Prep Batch: 135391

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-135391/5-A	Method Blank	Total/NA	Solid	5035	

Prep Batch: 135412

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9658-1	SW - 1	Total/NA	Solid	5035	
890-9658-2	SW - 2	Total/NA	Solid	5035	
890-9658-3	SW - 3	Total/NA	Solid	5035	
MB 880-135412/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-135412/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-135412/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	

Analysis Batch: 135537

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9658-1	SW - 1	Total/NA	Solid	Total BTEX	
890-9658-2	SW - 2	Total/NA	Solid	Total BTEX	
890-9658-3	SW - 3	Total/NA	Solid	Total BTEX	

GC Semi VOA

Prep Batch: 135030

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9658-1	SW - 1	Total/NA	Solid	8015NM Prep	
890-9658-2	SW - 2	Total/NA	Solid	8015NM Prep	
890-9658-3	SW - 3	Total/NA	Solid	8015NM Prep	
MB 880-135030/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-135030/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	

Analysis Batch: 135442

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9658-1	SW - 1	Total/NA	Solid	8015B NM	135030
890-9658-2	SW - 2	Total/NA	Solid	8015B NM	135030
890-9658-3	SW - 3	Total/NA	Solid	8015B NM	135030
MB 880-135030/1-A	Method Blank	Total/NA	Solid	8015B NM	135030
LCS 880-135030/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	135030

Analysis Batch: 135639

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9658-1	SW - 1	Total/NA	Solid	8015 NM	
890-9658-2	SW - 2	Total/NA	Solid	8015 NM	
890-9658-3	SW - 3	Total/NA	Solid	8015 NM	

QC Association Summary

Client: Earth Systems Response and Restoration
Project/Site: Junior Mint CTB

Job ID: 890-9658-1
SDG: Lea County, NM

HPLC/IC

Leach Batch: 135068

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9658-1	SW - 1	Soluble	Solid	DI Leach	
890-9658-2	SW - 2	Soluble	Solid	DI Leach	
890-9658-3	SW - 3	Soluble	Solid	DI Leach	
MB 880-135068/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-135068/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-135068/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	

Analysis Batch: 135110

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9658-1	SW - 1	Soluble	Solid	300.0	135068
890-9658-2	SW - 2	Soluble	Solid	300.0	135068
890-9658-3	SW - 3	Soluble	Solid	300.0	135068
MB 880-135068/1-A	Method Blank	Soluble	Solid	300.0	135068
LCS 880-135068/2-A	Lab Control Sample	Soluble	Solid	300.0	135068
LCSD 880-135068/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	135068

Lab Chronicle

Client: Earth Systems Response and Restoration
Job ID: 890-9658-1
Project/Site: Junior Mint CTB
SDG: Lea County, NM

Client Sample ID: SW - 1
Lab Sample ID: 890-9658-1
Date Collected: 03/13/26 08:00
Matrix: Solid
Date Received: 03/13/26 16:02

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	135412	03/19/26 14:59	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	135356	03/20/26 02:13	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			135537	03/20/26 02:13	SA	EET MID
Total/NA	Analysis	8015 NM		1			135639	03/20/26 00:28	SA	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10.00 mL	135030	03/16/26 15:36	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	135442	03/20/26 00:28	SA	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	135068	03/17/26 08:38	SI	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	135110	03/17/26 20:03	SMC	EET MID

Client Sample ID: SW - 2
Lab Sample ID: 890-9658-2
Date Collected: 03/13/26 08:05
Matrix: Solid
Date Received: 03/13/26 16:02

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	135412	03/19/26 14:59	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	135356	03/20/26 03:47	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			135537	03/20/26 03:47	SA	EET MID
Total/NA	Analysis	8015 NM		1			135639	03/20/26 00:48	SA	EET MID
Total/NA	Prep	8015NM Prep			10.07 g	10.00 mL	135030	03/16/26 15:36	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	135442	03/20/26 00:48	SA	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	135068	03/17/26 08:38	SI	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	135110	03/17/26 20:09	SMC	EET MID

Client Sample ID: SW - 3
Lab Sample ID: 890-9658-3
Date Collected: 03/13/26 08:10
Matrix: Solid
Date Received: 03/13/26 16:02

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	135412	03/19/26 14:59	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	135356	03/20/26 04:07	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			135537	03/20/26 04:07	SA	EET MID
Total/NA	Analysis	8015 NM		1			135639	03/20/26 01:10	SA	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10.00 mL	135030	03/16/26 15:36	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	135442	03/20/26 01:10	SA	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	135068	03/17/26 08:38	SI	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	135110	03/17/26 20:15	SMC	EET MID

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

Accreditation/Certification Summary

Client: Earth Systems Response and Restoration
Job ID: 890-9658-1
Project/Site: Junior Mint CTB
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	06-30-26

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

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

Method Summary

Client: Earth Systems Response and Restoration
Project/Site: Junior Mint CTB

Job ID: 890-9658-1
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: Earth Systems Response and Restoration
Project/Site: Junior Mint CTB

Job ID: 890-9658-1
SDG: Lea County, NM

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Depth
890-9658-1	SW - 1	Solid	03/13/26 08:00	03/13/26 16:02	0-0.25
890-9658-2	SW - 2	Solid	03/13/26 08:05	03/13/26 16:02	0-0.25
890-9658-3	SW - 3	Solid	03/13/26 08:10	03/13/26 16:02	0-0.25

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Chain of Custody

Houston, TX (281) 240-4200, Dallas, TX (214) 902-0300
Midland, TX (432) 704-5440, San Antonio, TX (210) 509-3334
EL Paso, TX (915) 585-3443, Lubbock, TX (806) 794-1296
Hobbs, NM (575) 392-7550, Carlsbad, NM (575) 988-3199

Work Order No: _____

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Project Manager:	Gilbert Moreno	Bill to: (if different)	Earth Systems R & R
Company Name:	Earth Systems R&R	Company Name:	
Address:	1910 Resource Ct.	Address:	
City, State ZIP:	Carlsbad, NM, 88220	City, State ZIP:	
Phone:	832-541-7719	Email:	gmoreno@earthsys.net, michael.benini@earthsys.net

Work Order Comments

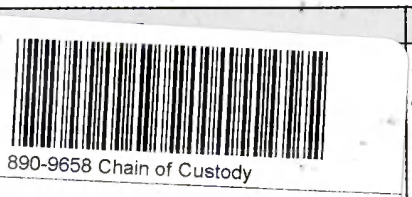
Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐
State of Project:
Reporting: Level II ☐ Level III ☐ PST/UST ☐ TRRP ☐ Level IV ☐
Deliverables: EDD ☐ ADaPT ☐ Other:

Project Name:	Junior Mint CTB	Turn Around	☑ Routine ☐ Rush
Project Number:	8885	Pres. Code	
Project Location:	Lea County, NM	Due Date:	Routine TAT
Sampler's Name:	Michael Benini	TAT starts the day received by the lab, if received by 4:30pm	
CC/ WO #:			

SAMPLE RECEIPT			
Temp Blank:	Yes No	Wet Ice:	Yes No
Samples Received Intact:	Yes No	Thermometer ID:	Inmac
Cooler Custody Seals:	Yes No N/A	Correction Factor:	-0.2
Sample Custody Seals:	Yes No N/A	Temperature Reading:	-2.0
Total Containers:		Corrected Temperature:	-1.8

Preservative Codes

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



Sample Identification	Matrix	Date Sampled	Time Sampled	Depth	Grab/ Comp	# of Cont	TPH-NM	Chloride-NM	BTEX-NM	TDS	Cation/ Anion	TCLP-Metals	TCLP- BTEX	TCLP- RCI		Hold	24 Hr Rush				Sample Comments
SW-1	S	3.13.26	8:00	0-0.25	Comp	1	X	X	X												Incident Number
SW-2	S	3.13.26	8:05	0-0.25	Comp	1	X	X	X												nAPP2603461687
SW-3	S	3.13.26	8:10	0-0.25	Comp	1	X	X	X												

Total 200.7 / 6010 200.8 / 6020: 8RCRA 13PPM Texas 11 Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO_2 Na Sr Tl Sn U V Zn

Circle Method(s) and Metal(s) to be analyzed **TCLP / SPLP 6010**: 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Tl U Hg: 1631 / 245.1 / 7470 / 7471

Notice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Eurofins Xenco, its affiliates and subcontractors. It assigns standard terms and conditions of service. Eurofins 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 Eurofins Xenco. A minimum charge of $85.00 will be applied to each project and a charge of $5 for each sample submitted to Eurofins 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
		3/13/26			

Login Sample Receipt Checklist

Client: Earth Systems Response and Restoration

Job Number: 890-9658-1
SDG Number: Lea County, NM

Login Number: 9658
List Number: 1
Creator: Bruns, Shannon

List Source: Eurofins Carlsbad

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

Login Sample Receipt Checklist

Client: Earth Systems Response and Restoration

Job Number: 890-9658-1
SDG Number: Lea County, NM

Login Number: 9658
List Number: 2
Creator: Laing, Edmundo

List Source: Eurofins Midland
List Creation: 03/17/26 07:52 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	

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

Attn: Gilbert Moreno
Earth Systems Response and Restoration
5114 WCR 128
Midland, Texas 79706

Generated 4/8/2026 3:13:19 PM

JOB DESCRIPTION

Junior Mint CTB
Lea County, NM

JOB NUMBER

890-9731-1

Eurofins Carlsbad
1089 N Canal St.
Carlsbad NM 88220

See page two for job notes and contact information.

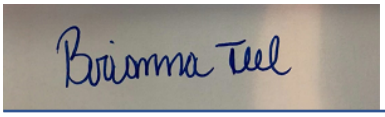
Eurofins Carlsbad

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

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



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4/8/2026 3:13:19 PM

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

Client: Earth Systems Response and Restoration
Project/Site: Junior Mint CTB

Laboratory Job ID: 890-9731-1
SDG: Lea County, NM

Table of Contents

Definitions/Glossary

Client: Earth Systems Response and Restoration
Project/Site: Junior Mint CTB

Job ID: 890-9731-1
SDG: Lea County, NM

Qualifiers

GC VOA

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

GC Semi VOA

Qualifier	Qualifier Description
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: Earth Systems Response and Restoration Job ID: 890-9731-1
Project: Junior Mint CTB

Job ID: 890-9731-1 Eurofins Carlsbad

Job Narrative
890-9731-1

The analytical test results presented in this report meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page, unless otherwise noted. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable. Regulated compliance samples (e.g. SDWA, NPDES) must comply with associated agency requirements/permits.

- Matrix-specific batch QC (e.g., MS, MSD, SD) may not be reported when insufficient sample volume is available or when site-specific QC samples are not submitted. In such cases, a Laboratory Control Sample Duplicate (LCSD) may be analyzed to provide precision data for the batch.
- For samples analyzed using surrogate and/or isotope dilution analytes, any recoveries falling outside of established acceptance criteria are re-prepared and/or re-analyzed to confirm results, unless the deviation is due to sample dilution or otherwise explained in the case narrative.

Receipt
The sample was received on 4/2/2026 1:07 PM. Unless otherwise noted below, the sample arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 1.0°C.

Receipt Exceptions
The following sample was received and analyzed from an unpreserved bulk soil jar: CS-16 (890-9731-1).

GC VOA
Method 8021B: The surrogate recovery for the blank associated with preparation batch 880-136955 and 880-136957 and analytical batch 880-137108 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.

Diesel Range Organics
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: Earth Systems Response and Restoration
Project/Site: Junior Mint CTB

Job ID: 890-9731-1
SDG: Lea County, NM

Client Sample ID: CS-16

Date Collected: 04/02/26 10:30
Date Received: 04/02/26 13:07
Sample Depth: 1

Lab Sample ID: 890-9731-1

Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/06/26 11:55	04/08/26 08:28	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/06/26 11:55	04/08/26 08:28	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/06/26 11:55	04/08/26 08:28	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		04/06/26 11:55	04/08/26 08:28	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/06/26 11:55	04/08/26 08:28	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		04/06/26 11:55	04/08/26 08:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*114*		*70 - 130*	*04/06/26 11:55*	*04/08/26 08:28*	*1*
1,4-Difluorobenzene (Surr)	*106*		*70 - 130*	*04/06/26 11:55*	*04/08/26 08:28*	*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			04/08/26 08:28	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.1	U	50.1		mg/Kg			04/07/26 12:57	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	<50.1	U	50.1		mg/Kg		04/02/26 13:29	04/07/26 12:57	1
Diesel Range Organics (Over C10-C28)	<50.1	U	50.1		mg/Kg		04/02/26 13:29	04/07/26 12:57	1
Oil Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		04/02/26 13:29	04/07/26 12:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*118*		*70 - 130*	*04/02/26 13:29*	*04/07/26 12:57*	*1*
o-Terphenyl	*125*		*70 - 130*	*04/02/26 13:29*	*04/07/26 12:57*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**29.3**		10.0		mg/Kg			04/07/26 18:56	1

Surrogate Summary

Client: Earth Systems Response and Restoration
Project/Site: Junior Mint CTB

Job ID: 890-9731-1
SDG: Lea County, NM

Method: 8021B - Volatile Organic Compounds (GC)

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

		Percent Surrogate Recovery (Acceptance Limits)	
		BFB1	DFBZ1
Lab Sample ID	Client Sample ID	(70-130)	(70-130)
890-9731-1	CS-16	114	106
LCS 880-136957/1-A	Lab Control Sample	113	106
LCSD 880-136957/2-A	Lab Control Sample Dup	106	123
MB 880-136955/5-A	Method Blank	176 S1+	116
MB 880-136957/5-A	Method Blank	213 S1+	109

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)
DFBZ = 1,4-Difluorobenzene (Surr)

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

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

		Percent Surrogate Recovery (Acceptance Limits)	
		1CO1	OTPH1
Lab Sample ID	Client Sample ID	(70-130)	(70-130)
890-9731-1	CS-16	118	125
LCS 880-136709/2-A	Lab Control Sample	103	106
LCSD 880-136709/3-A	Lab Control Sample Dup	103	106
MB 880-136709/1-A	Method Blank	116	116

Surrogate Legend

1CO = 1-Chlorooctane
OTPH = o-Terphenyl

QC Sample Results

Client: Earth Systems Response and Restoration
Project/Site: Junior Mint CTB

Job ID: 890-9731-1
SDG: Lea County, NM

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-136955/5-A
Matrix: Solid
Analysis Batch: 137108

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 136955

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/06/26 11:48	04/07/26 17:59	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/06/26 11:48	04/07/26 17:59	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/06/26 11:48	04/07/26 17:59	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		04/06/26 11:48	04/07/26 17:59	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/06/26 11:48	04/07/26 17:59	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		04/06/26 11:48	04/07/26 17:59	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*176*	*S1+*	*70 - 130*	*04/06/26 11:48*	*04/07/26 17:59*	*1*
1,4-Difluorobenzene (Surr)	*116*		*70 - 130*	*04/06/26 11:48*	*04/07/26 17:59*	*1*

Lab Sample ID: MB 880-136957/5-A
Matrix: Solid
Analysis Batch: 137108

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 136957

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/06/26 11:55	04/08/26 05:36	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/06/26 11:55	04/08/26 05:36	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/06/26 11:55	04/08/26 05:36	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		04/06/26 11:55	04/08/26 05:36	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/06/26 11:55	04/08/26 05:36	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		04/06/26 11:55	04/08/26 05:36	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*213*	*S1+*	*70 - 130*	*04/06/26 11:55*	*04/08/26 05:36*	*1*
1,4-Difluorobenzene (Surr)	*109*		*70 - 130*	*04/06/26 11:55*	*04/08/26 05:36*	*1*

Lab Sample ID: LCS 880-136957/1-A
Matrix: Solid
Analysis Batch: 137108

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 136957

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.1020		mg/Kg		102	70 - 130
Toluene	0.100	0.09118		mg/Kg		91	70 - 130
Ethylbenzene	0.100	0.09688		mg/Kg		97	70 - 130
m-Xylene & p-Xylene	0.200	0.1982		mg/Kg		99	70 - 130
o-Xylene	0.100	0.1114		mg/Kg		111	70 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*113*		*70 - 130*
1,4-Difluorobenzene (Surr)	*106*		*70 - 130*

Lab Sample ID: LCSD 880-136957/2-A
Matrix: Solid
Analysis Batch: 137108

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 136957

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.1056		mg/Kg		106	70 - 130	3	35

QC Sample Results

Client: Earth Systems Response and Restoration
Project/Site: Junior Mint CTB

Job ID: 890-9731-1
SDG: Lea County, NM

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

Lab Sample ID: LCSD 880-136957/2-A
Matrix: Solid
Analysis Batch: 137108

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 136957

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Toluene			0.100	0.08525		mg/Kg		85	70 - 130	7	35
Ethylbenzene			0.100	0.09198		mg/Kg		92	70 - 130	5	35
m-Xylene & p-Xylene			0.200	0.1911		mg/Kg		96	70 - 130	4	35
o-Xylene			0.100	0.1080		mg/Kg		108	70 - 130	3	35

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*106*		*70 - 130*
1,4-Difluorobenzene (Surr)	*123*		*70 - 130*

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

Lab Sample ID: MB 880-136709/1-A
Matrix: Solid
Analysis Batch: 137044

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 136709

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		04/02/26 13:28	04/07/26 08:07	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/02/26 13:28	04/07/26 08:07	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/02/26 13:28	04/07/26 08:07	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*116*		*70 - 130*	*04/02/26 13:28*	*04/07/26 08:07*	*1*
o-Terphenyl	*116*		*70 - 130*	*04/02/26 13:28*	*04/07/26 08:07*	*1*

Lab Sample ID: LCS 880-136709/2-A
Matrix: Solid
Analysis Batch: 137044

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 136709

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10			1000	1159		mg/Kg		116	70 - 130
Diesel Range Organics (Over C10-C28)			1000	1113		mg/Kg		111	70 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1-Chlorooctane	*103*		*70 - 130*
o-Terphenyl	*106*		*70 - 130*

Lab Sample ID: LCSD 880-136709/3-A
Matrix: Solid
Analysis Batch: 137044

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 136709

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	1173		mg/Kg		117	70 - 130	1	20
Diesel Range Organics (Over C10-C28)			1000	1106		mg/Kg		111	70 - 130	1	20

QC Sample Results

Client: Earth Systems Response and Restoration
Project/Site: Junior Mint CTB

Job ID: 890-9731-1
SDG: Lea County, NM

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

Lab Sample ID: LCSD 880-136709/3-A
Matrix: Solid
Analysis Batch: 137044

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 136709

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1-Chlorooctane	*103*		*70 - 130*
o-Terphenyl	*106*		*70 - 130*

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-137030/1-A
Matrix: Solid
Analysis Batch: 137093

Client Sample ID: Method Blank
Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0		mg/Kg			04/07/26 17:37	1

Lab Sample ID: LCS 880-137030/2-A
Matrix: Solid
Analysis Batch: 137093

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride			250	244.7		mg/Kg		98	90 - 110		

Lab Sample ID: LCSD 880-137030/3-A
Matrix: Solid
Analysis Batch: 137093

Client Sample ID: Lab Control Sample Dup
Prep Type: Soluble

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride			250	242.6		mg/Kg		97	90 - 110	1	20

QC Association Summary

Client: Earth Systems Response and Restoration
Project/Site: Junior Mint CTB

Job ID: 890-9731-1
SDG: Lea County, NM

GC VOA

Prep Batch: 136955

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-136955/5-A	Method Blank	Total/NA	Solid	5035	

Prep Batch: 136957

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9731-1	CS-16	Total/NA	Solid	5035	
MB 880-136957/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-136957/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-136957/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	

Analysis Batch: 137108

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9731-1	CS-16	Total/NA	Solid	8021B	136957
MB 880-136955/5-A	Method Blank	Total/NA	Solid	8021B	136955
MB 880-136957/5-A	Method Blank	Total/NA	Solid	8021B	136957
LCS 880-136957/1-A	Lab Control Sample	Total/NA	Solid	8021B	136957
LCSD 880-136957/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	136957

Analysis Batch: 137265

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9731-1	CS-16	Total/NA	Solid	Total BTEX	

GC Semi VOA

Prep Batch: 136709

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9731-1	CS-16	Total/NA	Solid	8015NM Prep	
MB 880-136709/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-136709/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-136709/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	

Analysis Batch: 137044

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9731-1	CS-16	Total/NA	Solid	8015B NM	136709
MB 880-136709/1-A	Method Blank	Total/NA	Solid	8015B NM	136709
LCS 880-136709/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	136709
LCSD 880-136709/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	136709

Analysis Batch: 137135

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9731-1	CS-16	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 137030

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9731-1	CS-16	Soluble	Solid	DI Leach	
MB 880-137030/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-137030/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-137030/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	

QC Association Summary

Client: Earth Systems Response and Restoration
Project/Site: Junior Mint CTB

Job ID: 890-9731-1
SDG: Lea County, NM

HPLC/IC

Analysis Batch: 137093

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9731-1	CS-16	Soluble	Solid	300.0	137030
MB 880-137030/1-A	Method Blank	Soluble	Solid	300.0	137030
LCS 880-137030/2-A	Lab Control Sample	Soluble	Solid	300.0	137030
LCSD 880-137030/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	137030

Lab Chronicle

Client: Earth Systems Response and Restoration
Project/Site: Junior Mint CTB

Job ID: 890-9731-1
SDG: Lea County, NM

Client Sample ID: CS-16

Date Collected: 04/02/26 10:30
Date Received: 04/02/26 13:07

Lab Sample ID: 890-9731-1

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	136957	04/06/26 11:55	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	137108	04/08/26 08:28	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			137265	04/08/26 08:28	SA	EET MID
Total/NA	Analysis	8015 NM		1			137135	04/07/26 12:57	SA	EET MID
Total/NA	Prep	8015NM Prep			9.98 g	10.00 mL	136709	04/02/26 13:29	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	137044	04/07/26 12:57	FC	EET MID
Soluble	Leach	DI Leach			5.00 g	50 mL	137030	04/07/26 08:18	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	137093	04/07/26 18:56	CS	EET MID

Laboratory References:

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

Accreditation/Certification Summary

Client: Earth Systems Response and Restoration
Job ID: 890-9731-1
Project/Site: Junior Mint CTB
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	06-30-26

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

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

Method Summary

Client: Earth Systems Response and Restoration
Project/Site: Junior Mint CTB

Job ID: 890-9731-1
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: Earth Systems Response and Restoration
Project/Site: Junior Mint CTB

Job ID: 890-9731-1
SDG: Lea County, NM

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Depth
890-9731-1	CS-16	Solid	04/02/26 10:30	04/02/26 13:07	1

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Chain of Custody

Houston, TX (281) 240-4200, Dallas, TX (214) 902-0300
Midland, TX (432) 704-5440, San Antonio, TX (210) 509-3334
EL Paso, TX (915) 585-3443, Lubbock, TX (806) 794-1296
Hobbs, NM (575) 392-7550, Carlsbad, NM (575) 988-3199

Wo 890-9731 Chain of Custody

www.xenco.com Page _____ of _____

Project Manager:	Gilbert Moreno	Bill to: (if different)	Earth Systems R & R
Company Name:	Earth Systems R&R	Company Name:	
Address:	1910 Resource Ct.	Address:	
City, State ZIP:	Carlsbad, NM, 88220	City, State ZIP:	
Phone:	832-541-7719	Email:	gmoreno@earthsys.net

Work Order Comments

Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐
State of Project:
Reporting: Level II ☐ Level III ☐ PST/UST ☐ TRRP ☐ Level IV ☐
Deliverables: EDD ☐ ADaPT ☐ Other:

Project Name:	Junior Mint CTB	Turn Around	
Project Number:	8885	☑ Routine ☐ Rush	
Project Location:	Lea County, NM	Due Date:	Routine TAT
Sampler's Name:	Evan Braswell	TAT starts the day received by the lab, if received by 4:30pm	
CC/ WO #:			

SAMPLE RECEIPT				
Temp Blank:	Yes No	Wet Ice:	Yes No	
Samples Received Intact:	Yes No	Thermometer ID:	Tnmac7	
Cooler Custody Seals:	Yes No N/A	Correction Factor:	-0.2	
Sample Custody Seals:	Yes No N/A	Temperature Reading:	1.2	
Total Containers:		Corrected Temperature:	1.0	

Preservative Codes

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

Sample Identification	Matrix	Date Sampled	Time Sampled	Depth	Grab/ Comp	# of Cont	Pres. Code	TPH-NM	Chloride-NM	BTEX-NM	TDS	Cation/ Anion	TCLP-Metals	TCLP- BTEX	TCLP- RCI		Hold	24 Hr Rush				Sample Comments
CS-16	S	4/2/2026	10:30	1	Grab/	1		X	X	X												Incident Number
																						nAPP2603461687

Total 200.7 / 6010 200.8 / 6020: 8RCRA 13PPM Texas 11 Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO_2 Na Sr Tl Sn U V Zn
Circle Method(s) and Metal(s) to be analyzed **TCLP / SPLP 6010**: 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Tl U Hg: 1631 / 245.1 / 7470 / 7471

Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1		4-2 1307	2		
3			4		
5			6		

Revised Date: 08/25/2020 Rev. No. 2

Eurofins Carlsbad
1089 N Canal St.
Carlsbad, NM 88220
Phone: 575-988-3199 Fax: 575-988-3199

Chain of Custody Record

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Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Teel, Brianna	Carrier Tracking No(s): N/A	COC No: 890-6751.1
Client Contact: Shipping/Receiving	Phone: N/A	E-Mail: Brianna.Teel@et.eurofinsus.com	State of Origin: New Mexico	Page: Page 1 of 1
Company: Eurofins Environment Testing South Centr		Accreditations Required (See note): NELAP - Texas		Job #: 890-9731-1
Address: 1211 W. Florida Ave, ,	Due Date Requested: 4/8/2026			
City: Midland	TAT Requested (days): N/A			
State, Zip: TX, 79701				
Phone: 432-704-5440(Tel)	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: Junior mint CTB	Project #: 89000262			
Site: N/A	SSOW#: N/A			

Analysis Requested

Preservation Codes: -

Other: N/A

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8015MOD_NM/8015NM_S_PrepTPH 8015	8015MOD_Calc8015 Calc	300_ORGFM_28D/DI_LEACHChloride	8021B/5035FP_CalcBTEX	Total_BTEX_GCVTotal BTEX	Total Number of containers	Special Instructions/Note:
			Preservation Code:										
CS-16 (890-9731-1)	4/2/26	10:30 Mountain	G	Solid			X	X	X	X	X	1	

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing South Central, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing South Central, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing South Central, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing South Central, LLC.

Possible Hazard Identification	***Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)***
Unconfirmed	☐ *Return To Client* ☐ *Disposal By Lab* ☐ *Archive For* _____ *Months*
Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Relinquished by	Date/Time	Company	Received by	Date/Time	Company
1	Brianna	4/2 1630			4.3.26 800	
2	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
3	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks:

Ver: 10/10/2024

Login Sample Receipt Checklist

Client: Earth Systems Response and Restoration

Job Number: 890-9731-1
SDG Number: Lea County, NM

Login Number: 9731
List Number: 1
Creator: Lopez, Abraham

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.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	

Login Sample Receipt Checklist

Client: Earth Systems Response and Restoration

Job Number: 890-9731-1
SDG Number: Lea County, NM

Login Number: 9731
List Number: 2
Creator: Laing, Edmundo

List Source: Eurofins Midland
List Creation: 04/03/26 07:53 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	

From: Gilbert Moreno
To: Wells, Shelly, EMNRD
Subject: [EXTERNAL] Re: nAPP2603461687 Junior Mint CTB Questions
Date: Wednesday, May 6, 2026 8:13:42 AM
Attachments: image.png
image.png
image.png
Outlook-uuge1zec.png

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

Hi Shelly,

Apologies, I missed this email yesterday.

You are correct; the location is the pad to the east (32.136381, -103.357546). Google earth has not updated their imagery, so I didn't catch the difference in coordinates from what was submitted in the NOR. The coordinates on the NOR are to the associated well.

As for impacts to pad, fluids appeared to have escaped the containment due to windblown overspray at the time of release.

For the photos, I apologize; I noticed I had a couple of errors when numbering and dating the photos.

The 1' excavation sampled on 3/13 is best shown on the first photo 29, which is on pg. 29 (photo should've been dated 4/2). This excavation was partially backfilled after collecting the sample due to the need of the operator installing a 2nd pumping unit. Unfortunately, my field tech did not capture any photos of the excavation prior to the partial backfill.

3/13 - *following the partial backfill, before the addition of the 2nd pumping unit*

4/2 - Shows the partially backfilled 1' excavation near the 2nd pumping unit

4/2 - shows the addition of the 2nd pumping unit

Please let me know if this information is helpful.

Regards,

Gilbert Moreno
Carlsbad Operations Manager- Project Geologist
O: (575) 323-9034 C: (832) 541-7719
gmoreno@earthsys.net
earthsys.net

Earth Systems
Response & Restoration

From: Wells, Shelly, EMNRD <Shelly.Wells@emnrd.nm.gov>

Sent: Tuesday, May 5, 2026 4:02 PM
To: Gilbert Moreno <gmoreno@earthsys.net>
Subject: nAPP2603461687 Junior Mint CTB Questions

Hi Gilbert,

I am reviewing the submitted remediation closure report for the release at nAPP2603461687 Junior Mint CTB and have some additional questions for you. When the NOR was submitted the lat and long of 32.136185,-103.359261 was entered for the release location. Referring to the lat/long attached to all the photographs provided, the release location is actually on the pad to the east located here 32.136381, -103.357546. Can you confirm the correct location? In addition, how did the release leave the containment? Finally, Photo 29 shows one of the two 1' excavations. Do you have a photo of the second excavation?

I look forward to hearing back from you,

Shelly

Shelly Wells * Senior Environmental Scientist
Environmental Bureau
EMNRD-Oil Conservation Division
1220 S. St. Francis Drive|Santa Fe, NM 87505
(505)469-7520 Shelly.Wells@emnrd.nm.gov
http://www.emnrd.state.nm.us/OCD/

Sante Fe Main Office
Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

Online Phone Directory
https://www.emnrd.nm.gov/ocd/contact-us

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

QUESTIONS

Operator: Civitas Permian Operating, LLC 555 17th Street Denver, CO 80202	OGRID: 332195
	Action Number: 579233
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Prerequisites	
Incident ID (n#)	**nAPP2603461687**
Incident Name	**NAPP2603461687 JUNIOR MINT CTB @ C-15-25S-35E**
Incident Type	**Produced Water Release**
Incident Status	**Remediation Closure Report Received**

Location of Release Source *Please answer all the questions in this group.*	
Site Name	JUNIOR MINT CTB
Date Release Discovered	02/03/2026
Surface Owner	Private

Incident Details *Please answer all the questions in this group.*	
Incident Type	Produced Water Release
Did this release result in a fire or is the result of a fire	No
Did this release result in any injuries	No
Has this release reached or does it have a reasonable probability of reaching a watercourse	No
Has this release endangered or does it have a reasonable probability of endangering public health	No
Has this release substantially damaged or will it substantially damage property or the environment	No
Is this release of a volume that is or may with reasonable probability be detrimental to fresh water	No

Nature and Volume of Release *Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.*	
Crude Oil Released (bbls) Details	*Not answered.*
Produced Water Released (bbls) Details	Cause: Equipment Failure | Production Tank | Produced Water | Released: 22 BBL | Recovered: 14 BBL | Lost: 8 BBL.
Is the concentration of chloride in the produced water >10,000 mg/l	Yes
Condensate Released (bbls) Details	*Not answered.*
Natural Gas Vented (Mcf) Details	*Not answered.*
Natural Gas Flared (Mcf) Details	*Not answered.*
Other Released Details	*Not answered.*
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	*Not answered.*

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

QUESTIONS (continued)

Operator: Civitas Permian Operating, LLC 555 17th Street Denver, CO 80202	OGRID: 332195
	Action Number: 579233
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Nature and Volume of Release (continued)	
Is this a gas only submission (i.e. only significant Mcf values reported)	**No, according to supplied volumes this does not appear to be a "gas only" report.**
Was this a major release as defined by Subsection A of 19.15.29.7 NMAC	**No**
Reasons why this would be considered a submission for a notification of a major release	*Unavailable.*
With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.e. gas only) are to be submitted on the C-129 form.	

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	True
The impacted area has been secured to protect human health and the environment	True
Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices	True
All free liquids and recoverable materials have been removed and managed appropriately	True
If all the actions described above have not been undertaken, explain why	*Not answered.*
Per Paragraph (4) of Subsection B of 19.15.29.8 NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please prepare and attach a narrative of actions to date in the follow-up C-141 submission. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see Subparagraph (a) of Paragraph (5) of Subsection A of 19.15.29.11 NMAC), please prepare and attach all information needed for closure evaluation in the follow-up C-141 submission.	

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.

I hereby agree and sign off to the above statement	Name: Mason Jones Title: c-Environmental Specialist Email: mjones@civiresources.com Date: 04/27/2026

Sante Fe Main Office
Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

Online Phone Directory
https://www.emnrd.nm.gov/ocd/contact-us

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

QUESTIONS (continued)

Operator: Civitas Permian Operating, LLC 555 17th Street Denver, CO 80202	OGRID: 332195
	Action Number: 579233
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Site Characterization	
Please answer all the questions in this group (only required when seeking remediation plan approval and beyond). 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 in feet below ground surface (ft bgs)	Between 51 and 75 (ft.)
What method was used to determine the depth to ground water	NM OSE iWaters Database Search
Did this release impact groundwater or surface water	No
What is the minimum distance, between the closest lateral extents of the release and the following surface areas:	
A continuously flowing watercourse or any other significant watercourse	Between 500 and 1000 (ft.)
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Between ½ and 1 (mi.)
An occupied permanent residence, school, hospital, institution, or church	Greater than 5 (mi.)
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes	Between 1 and 5 (mi.)
Any other fresh water well or spring	Between 1 and 5 (mi.)
Incorporated municipal boundaries or a defined municipal fresh water well field	Greater than 5 (mi.)
A wetland	Between 500 and 1000 (ft.)
A subsurface mine	Greater than 5 (mi.)
An (non-karst) unstable area	Between 500 and 1000 (ft.)
Categorize the risk of this well / site being in a karst geology	Low
A 100-year floodplain	Greater than 5 (mi.)
Did the release impact areas not on an exploration, development, production, or storage site	No

Remediation Plan	
Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.	
Requesting a remediation plan approval with this submission	Yes
Attach a comprehensive report demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined, pursuant to 19.15.29.11 NMAC and 19.15.29.13 NMAC.	
Have the lateral and vertical extents of contamination been fully delineated	Yes
Was this release entirely contained within a lined containment area	No
Soil Contamination Sampling: (Provide the highest observable value for each, in milligrams per kilograms.)	
Chloride (EPA 300.0 or SM4500 Cl B)	421
TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M)	2010
GRO+DRO (EPA SW-846 Method 8015M)	2013
BTEX (EPA SW-846 Method 8021B or 8260B)	1.2
Benzene (EPA SW-846 Method 8021B or 8260B)	0
Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.	
On what estimated date will the remediation commence	03/11/2026
On what date will (or did) the final sampling or liner inspection occur	03/13/2026
On what date will (or was) the remediation complete(d)	04/22/2026
What is the estimated surface area (in square feet) that will be reclaimed	3600
What is the estimated volume (in cubic yards) that will be reclaimed	15
What is the estimated surface area (in square feet) that will be remediated	4000
What is the estimated volume (in cubic yards) that will be remediated	20
These estimated dates and measurements are recognized to be the best guess or calculation at the time of submission and may (be) change(d) over time as more remediation efforts are completed.	
The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.	

Sante Fe Main Office
Phone: (505) 476-3441

General Information
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Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

QUESTIONS (continued)

Operator: Civitas Permian Operating, LLC 555 17th Street Denver, CO 80202	OGRID: 332195
	Action Number: 579233
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Remediation Plan (continued)	
Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.	
This remediation will (or is expected to) utilize the following processes to remediate / reduce contaminants:	
(Select all answers below that apply.)	
(Ex Situ) Excavation and **off-site** disposal (i.e. dig and haul, hydrovac, etc.)	Yes
Which OCD approved facility will be used for **off-site** disposal	fEEM0112342028 LEA LAND LANDFILL
OR which OCD approved well (API) will be used for **off-site** disposal	*Not answered.*
OR is the **off-site** disposal site, to be used, out-of-state	*Not answered.*
OR is the **off-site** disposal site, to be used, an NMED facility	*Not answered.*
(Ex Situ) Excavation and **on-site** remediation (i.e. On-Site Land Farms)	*Not answered.*
(In Situ) Soil Vapor Extraction	*Not answered.*
(In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.)	*Not answered.*
(In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.)	*Not answered.*
(In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.)	*Not answered.*
Ground Water Abatement pursuant to 19.15.30 NMAC	*Not answered.*
OTHER (Non-listed remedial process)	*Not answered.*
Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.	
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.	
I hereby agree and sign off to the above statement	Name: Mason Jones Title: c-Environmental Specialist Email: mjones@civiresources.com Date: 04/27/2026
The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.	

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QUESTIONS (continued)

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QUESTIONS

Deferral Requests Only	
Only answer the questions in this group if seeking a deferral upon approval this submission. Each of the following items must be confirmed as part of any request for deferral of remediation.	
Requesting a deferral of the remediation closure due date with the approval of this submission	No

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QUESTIONS (continued)

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QUESTIONS

Sampling Event Information	
Last sampling notification (C-141N) recorded	**568940**
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	**04/02/2026**
What was the (estimated) number of samples that were to be gathered	**1**
What was the sampling surface area in square feet	**150**

Remediation Closure Request	
Only answer the questions in this group if seeking remediation closure for this release because all remediation steps have been completed.	
Requesting a remediation closure approval with this submission	Yes
Have the lateral and vertical extents of contamination been fully delineated	**Yes**
Was this release entirely contained within a lined containment area	**No**
All areas reasonably needed for production or subsequent drilling operations have been stabilized, returned to the sites existing grade, and have a soil cover that prevents ponding of water, minimizing dust and erosion	Yes
What was the total surface area (in square feet) remediated	4000
What was the total volume (cubic yards) remediated	20
All areas not reasonably needed for production or subsequent drilling operations have been reclaimed to contain a minimum of four feet of non-waste contain earthen material with concentrations less than 600 mg/kg chlorides, 100 mg/kg TPH, 50 mg/kg BTEX, and 10 mg/kg Benzene	Yes
What was the total surface area (in square feet) reclaimed	3600
What was the total volume (in cubic yards) reclaimed	15
Summarize any additional remediation activities not included by answers (above)	The site was remediated according to Site Closure Criteria and has been backfilled with clean, locally sourced material. Civitas will reassess the Site during P&A activates and/or major facility deconstruction, whichever comes first, and address soil concentrations above the reclamation requirements of 100 mg/kg for TPH and 600 mg/kg for chloride.

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 (in .pdf format) 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.

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.

I hereby agree and sign off to the above statement	Name: Mason Jones Title: c-Environmental Specialist Email: mjones@civiresources.com Date: 04/27/2026

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QUESTIONS (continued)

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QUESTIONS

Reclamation Report	
Only answer the questions in this group if all reclamation steps have been completed.	
Requesting a reclamation approval with this submission	No

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CONDITIONS

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CONDITIONS

Created By	Condition	Condition Date
scwells	None	5/6/2026