Earth Systems
Response & Restoration

September 19, 2025

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

RE: **Fadeaway Ridge Compressor Station- Closure Request Report**
Incident Number: nAPP2516830043
GPS: 32.6644575°, -104.1734526°
Eddy County, New Mexico
ESRR Project No. 640

To Whom It May Concern:

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

Site Location & Incident Description

The Site is located in Unit A, Section 16, Township 19 South, Range 28 East, in Eddy County, New Mexico (32.6644575°, -104.1734526°) and is associated with oil and gas exploration and production operations on State Land managed by the New Mexico State Land Office (NMSLO) (**Figure 1**).

On June 17, 2025, a high pressure line caused the release of a mixture of produced water and condensate onto the production pad surface with no reported recovered fluids. It should be noted that the total volume reported by Kinetik should be updated to 22 total barrels (bbls) of produced water and condensate and not 44 bbls. There was no way to accurately estimate the volume of each, so the same volumes were input twice to differentiate the two different fluids.

Kinetik gave notice to the New Mexico Oil Conservation Division (NMOCD) on June 17, 2025, by Notification of Release (NOR) and a Corrective Action Form C-141 (Form C-141) and was subsequently assigned Incident Number nAPP2516830043. ESRR conducted initial site assessment activities and mapped the observed release footprint on June 19, 2025, hereafter referred to as the Area of Concern (AOC) (**Figure 2**).

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 1 and 5 miles of any continuously flowing watercourse or any other significant watercourse;
- Between 1 and 5 miles 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 1,000 feet and ½ mile of any unstable area (i.e. high karst potential); and
- Between ½ and 1 mile of a 100-year floodplain.

Receptor details used to determine the Site characterization are included in **Figure 1A** and **Figure 1B**. **Referenced Well Record** is attached.

Based on the results from the desktop review, no depth to water wells were found within ½ mile of the Site. The following Closure Criteria was applied:

Constituents of Concern (COCs)	Closure Criteria‡
Chloride	600 milligram per kilogram (mg/kg)
Total Petroleum Hydrocarbon (TPH)	100 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 + Diesel Range Organics + Oil Range Organics
Laboratory Analytical Methods used: Environmental Protection Agency (EPA) 300.0, EPA 8015 NM, EPA 8021 B

Delineation Activities

On July 1, 2025, ESRR conducted delineation activities to assess the presence or absence of residual soil impacts associated with the AOC. Nine delineation trenches (HA-1 through HA-12) were advanced via mechanical equipment within and surrounding the AOC. Delineation activities were driven by field screening soil for chloride utilizing QuanTab® test strips. A minimum of two soil samples were collected from each delineation trench, representing the highest observed field screening concentrations and the greatest depth. Delineation soil samples were placed directly into 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. **Photographic Documentation** of all activities are attached.

Laboratory analytical results for soil samples (HA-1 through HA-4 and HA-6 through HA-12) were compliant with Site Closure Criteria and/or the reclamation standard defining the horizontal periphery of the AOC.

Laboratory analytical results for soil sample (HA-5), collected within the AOC, indicated TPH-GRO+TPH-DRO/TPH and Total BTEX were above the Site Closure Criteria and/or the reclamation standard up to 0.5-foot below grade surface (bgs). Elevated TPH-GRO+TPH-DRO/TPH was characterized by a concentration of 2,780 mg/kg, specifically for TPH-GRO and TPH-DRO. Elevated Total BTEX was characterized by a concentration of 69.5 mg/kg. Laboratory results are summarized in **Table 1**, included in the attachments. The locations of all delineation soil samples are shown in **Figure 2**.

Remediation Activities

On August 15, 2025, ESRR performed excavation activities of identified impacts via mechanical equipment and hand shovel based on laboratory analytical results associated with delineation soil sampling activities and visual observation. The excavation was vertically advanced to a depth of 1-foot bgs followed by a surficial scrape in the areas where misting occurred.

Following the removal of soil, ESRR collected 5-point composite soil samples of the 1-foot excavation at a sampling frequency of 200 square feet from the floor (CS-1) and sidewalls (SW-1 and SW-2). The 5-point composite soil samples were comprised of five equivalent aliquots homogenized in a 1-gallon resealable plastic bag. The confirmation soil samples were handled, transported, and analyzed as previously described.

Laboratory analytical results indicated that concentrations of COCs for all final confirmation soil samples do not exceed the applicable Site Closure Criteria and/or 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 40 cubic yards (CY) of impacted soil was removed from the Site and transported to Lea Land, LLC Landfill near Carlsbad, New Mexico under Kinetik 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 for all final confirmation soil samples, Kinetik believes the soil impacts associated with the inadvertent release have been excavated and removed from the Site in accordance with Site Closure Criteria. Frontier believes the completed remedial actions meet the requirements set forth in NMAC 19.15.29.13 regulations in order to be protective of human health, the environment, and groundwater. As such, NFA appears warranted at this time, and Kinetik respectfully requests Closure of this CRR associated with Incident Number nAPP2516830043.

If you have any questions or comments, please do not hesitate to contact Gilbert Moreno at (832) 541-7719 or gmoreno@earthsys.net. 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: Sebastian Orozco, Kinetik Midstream
New Mexico State Land Office

Attachments:

- Figure 1 - Site Map
- Figure 1A - Ground Water
- Figure 1B - Karst Potential
- Figure 2 - Delineation Soil Sample Locations
- Figure 3 - Excavation Soil Sample Locations
- Referenced Well Record
- Photographic Documentation
- Table 1 - Soil Sample Analytical Results
- NMOCD Email Documentation & Correspondance
- Executed Chain-of-Custody Forms and Laboratory Analytical Reports

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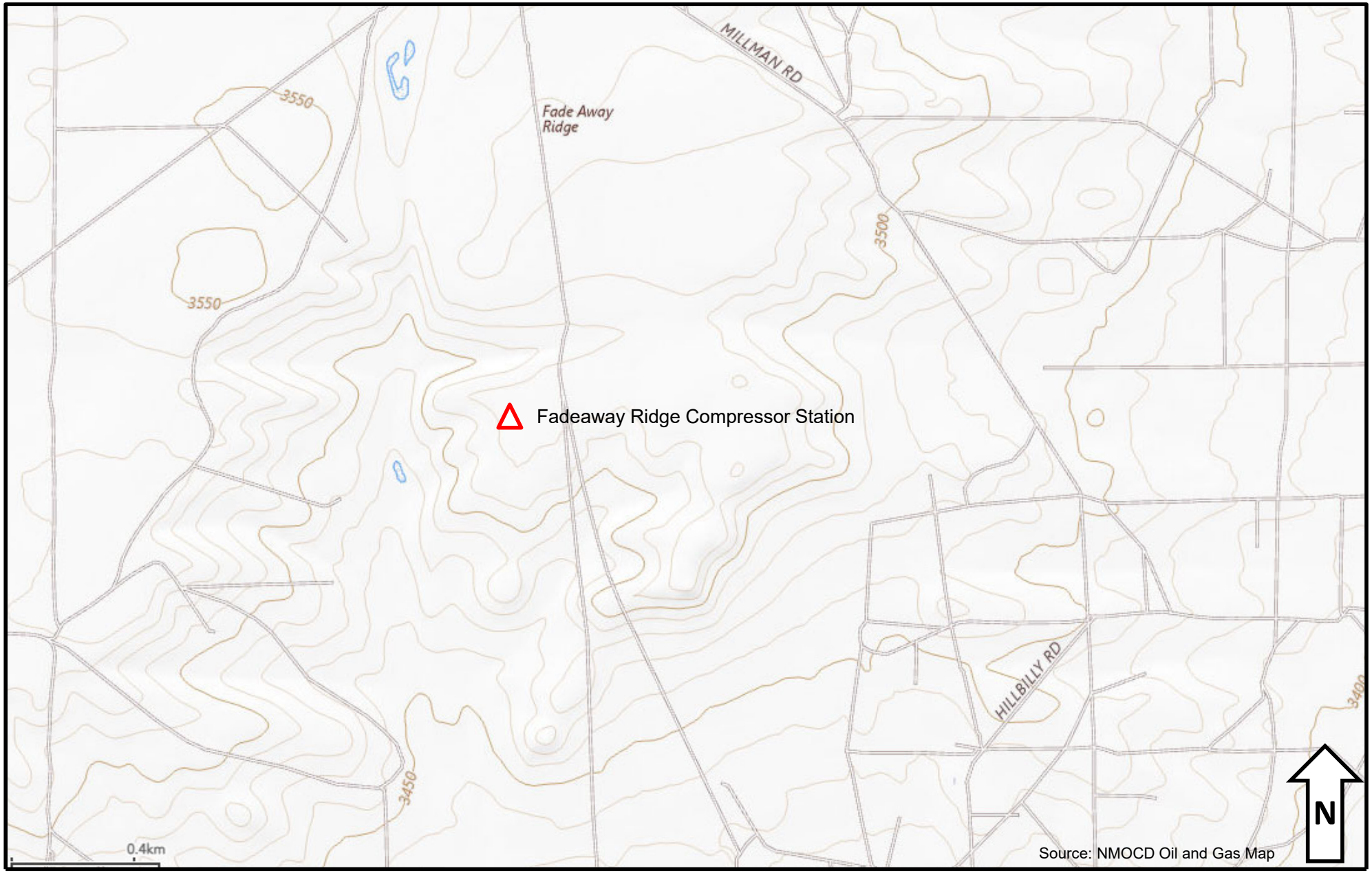

Earth Systems Response & Restoration

Figure 1 – Site Map

Kinetik Midstream – Fadeaway Ridge Compressor Station
GPS: 32.6644575,-104.1734526
Eddy County, New Mexico

KINETIK

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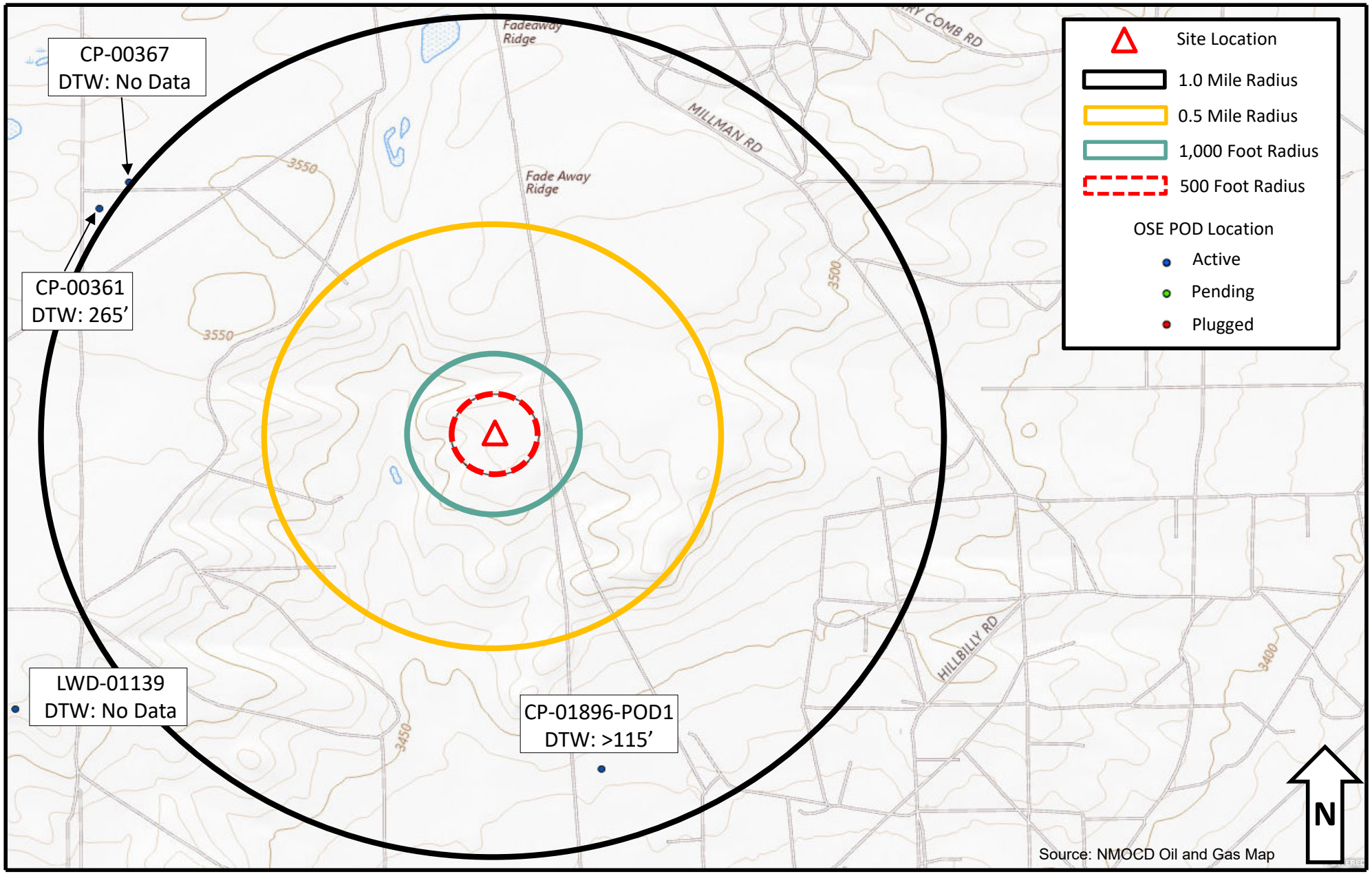

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Figure 1A – Ground Water

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Eddy County, New Mexico

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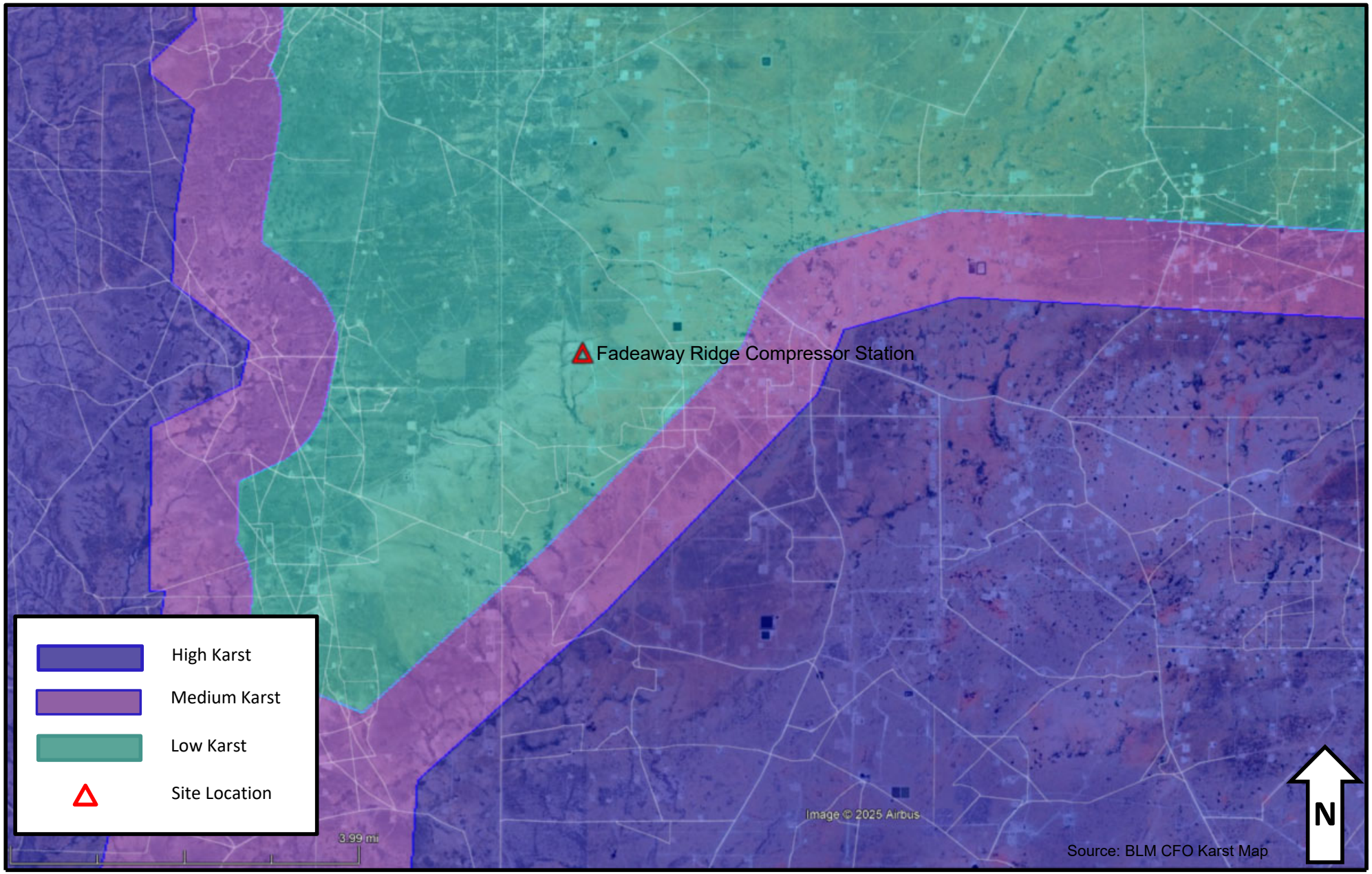

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Figure 1B – Karst Potential

Kinetik Midstream – Fadeaway Ridge Compressor Station
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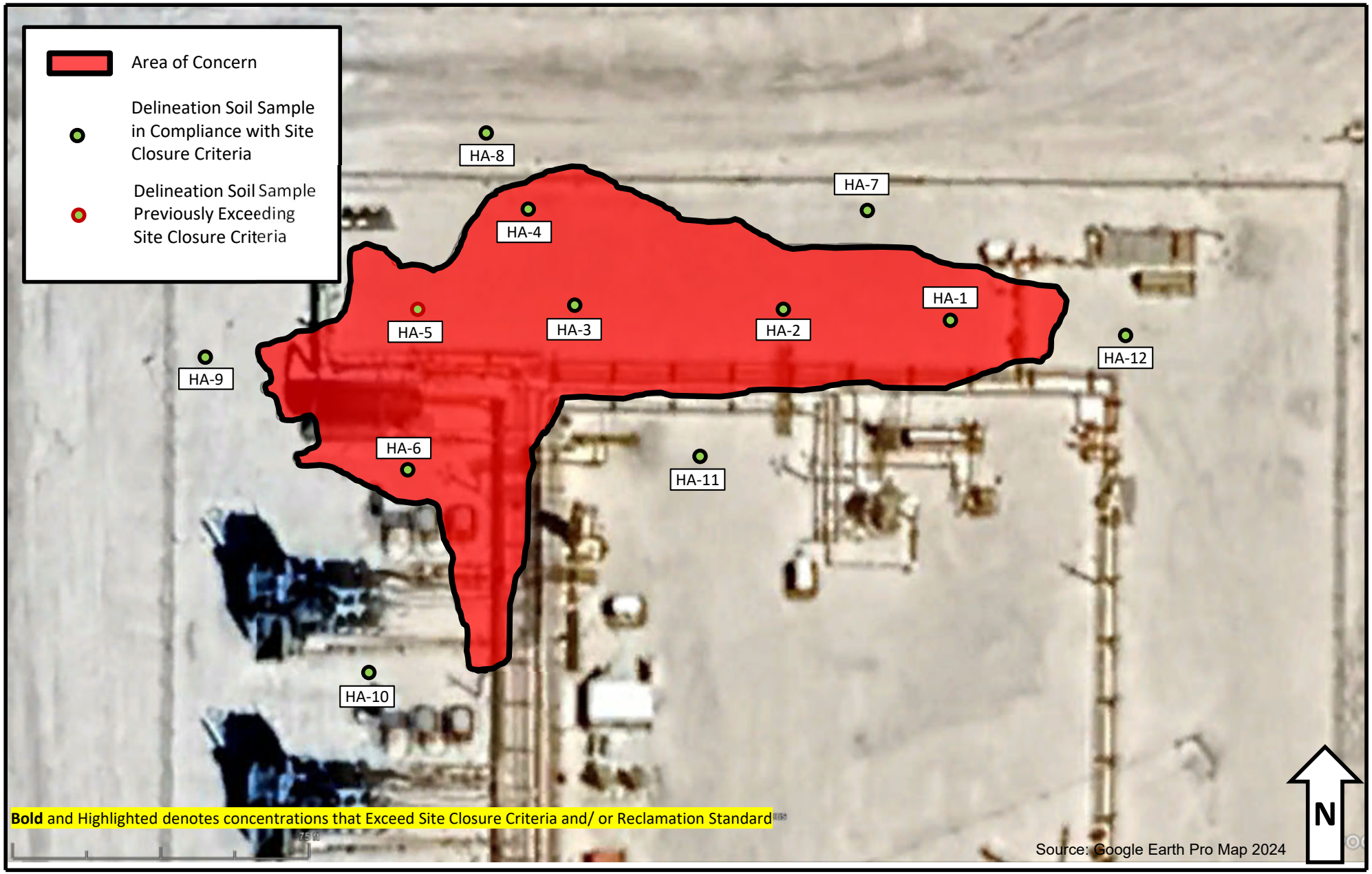

Earth Systems Response & Restoration

Figure 2 – Delineation Soil Sample Locations

Kinetik Midstream – Fadeaway Ridge Compressor Station
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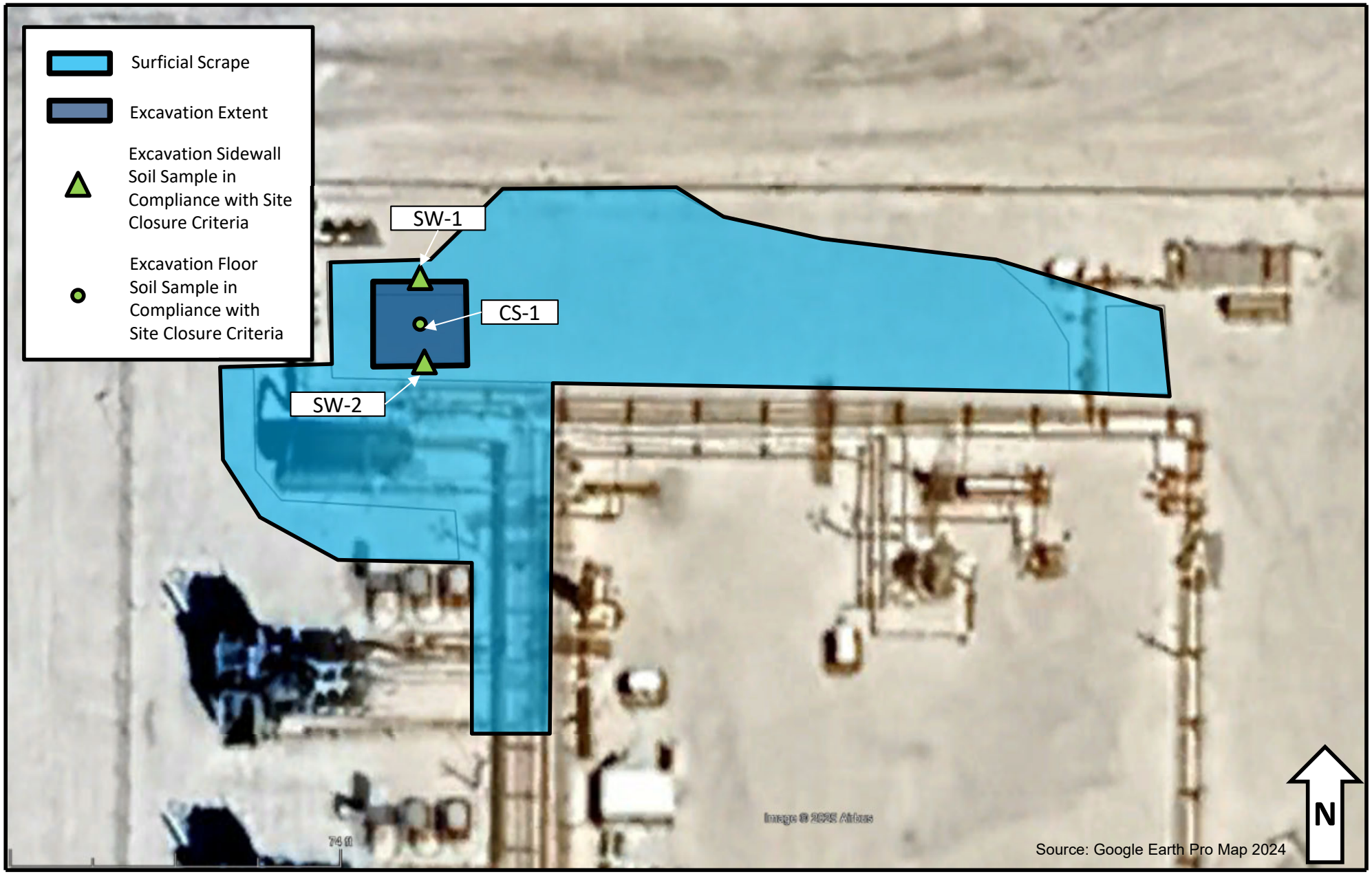

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Figure 3 – Excavation Soil Sample Locations

Kinetik Midstream – Fadeaway Ridge Compressor Station
GPS: 32.6644575,-104.1734526
Eddy County, New Mexico

KINETIK

WELL RECORD & LOG

OFFICE OF THE STATE ENGINEER

www.ose.state.nm.us

1. GENERAL AND WELL LOCATION

OSE POD NO. (WELL NO.)	WELL TAG ID NO.	OSE FILE NO(S).
POD1	none	CP-1896

WELL OWNER NAME(S)	PHONE (OPTIONAL)
Solaris Water	469-978-5620

WELL OWNER MAILING ADDRESS	CITY	STATE	ZIP
3305 Boyd Drive	Carlsbad	NM	88220

WELL LOCATION (FROM GPS)		DEGREES	MINUTES	SECONDS	
	LATITUDE	32	39	10.7	N
	LONGITUDE	104	10	10.1	W

* ACCURACY REQUIRED: ONE TENTH OF A SECOND
* DATUM REQUIRED: WGS 84

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

Well located at NW/4 NW/4 Section 22, T19S, R28E, NMPM

2. DRILLING & CASING INFORMATION

LICENSE NO.	NAME OF LICENSED DRILLER	NAME OF WELL DRILLING COMPANY
WD 1690	Jason Maley	Vision Resources, Inc.

DRILLING STARTED	DRILLING ENDED	DEPTH OF COMPLETED WELL (FT)	BORE HOLE DEPTH (FT)	DEPTH WATER FIRST ENCOUNTERED (FT)
1/10/22	1/10/22	no well constructed	115	dry hole,

COMPLETED WELL IS: ☐ ARTESIAN ☑ DRY HOLE ☐ SHALLOW (UNCONFINED)

STATIC WATER LEVEL IN COMPLETED WELL (FT): no water measured 72-hours later

DRILLING FLUID: ☑ AIR ☐ MUD ADDITIVES – SPECIFY:

DRILLING METHOD: ☑ ROTARY ☐ HAMMER ☐ CABLE TOOL ☐ OTHER – SPECIFY:

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)
0	115	6.25	no casing, or annular material installed				

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	AMOUNT (cubic feet)	METHOD OF PLACEMENT
0	115	6.25	no casing or annular material installed		

FOR OSE INTERNAL USE WR-20 WELL RECORD & LOG (Version 06/30/17)

FILE NO. CP-1896	POD NO. POD1	TRN NO.	
LOCATION 19S 28E 22 3 4		WELL TAG ID NO. NA	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	10	10	Topsoil, brown, 90% silty sand, 10% 1/4 to 1/2" gravels,	Y ✓ N	
10	20	10	Sand, dark brown	Y ✓ N	
20	40	20	80% Gypsum, white, hard, 20% 1/8 to 1/4" gravels	Y ✓ N	
40	115	75	100% sand, fine, brown	Y ✓ N	
			Note: borehole left open 72-hours, then checked and no water detected.	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	
				Y N	
				Y N	
				Y N	
				Y N	

METHOD USED TO ESTIMATE YIELD OF WATER-BEARING STRATA:

☐ PUMP ☑ AIR LIFT ☐ BAILER ☐ OTHER – SPECIFY: Hole dry no water

TOTAL ESTIMATED WELL YIELD (gpm): 0.00

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: Boring drilled to evaluate the absence or presence of groundwater within the upper 105-ft. No water was found. Boring started and total depth reached on 1/10/22. The boring was plugged 1/14/2022.

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

Jason Fine

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:

Jason Maley — Jason Maley — 2/17/22

SIGNATURE OF DRILLER / PRINT SIGNEE NAME — DATE

FOR OSE INTERNAL USE — WR-20 WELL RECORD & LOG (Version 06/30/2017)

FILE NO. CP-1896	POD NO. POD1	TRN NO.	
LOCATION 19S 28E 22 4 4	WELL TAG ID NO. NA		PAGE 2 OF 2

Fadeaway Ridge Compressor Station - Closure Request Report
Incident Number: nAPP2516830043
GPS: 32.6644575°, -104.1734526°

PHOTO 1: Southwest view during initial site assessment. 6/19/2025

PHOTO 2: Northeastern view during initial site assessment. 6/19/2025

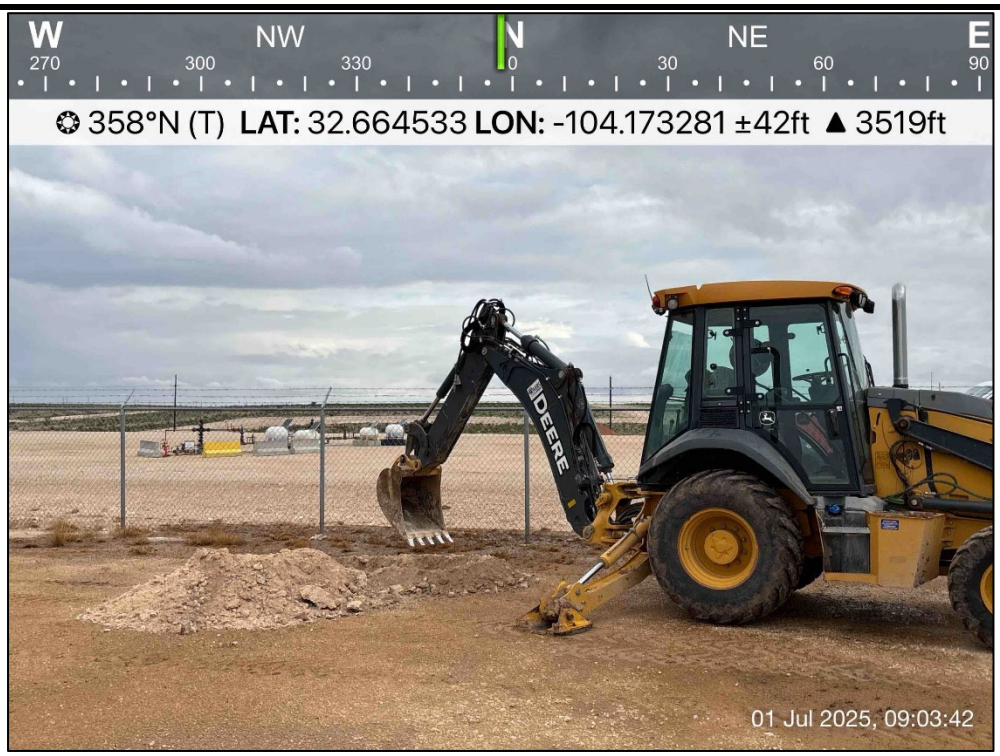

PHOTO 3: Northern view during delineation activities. 7/1/2025

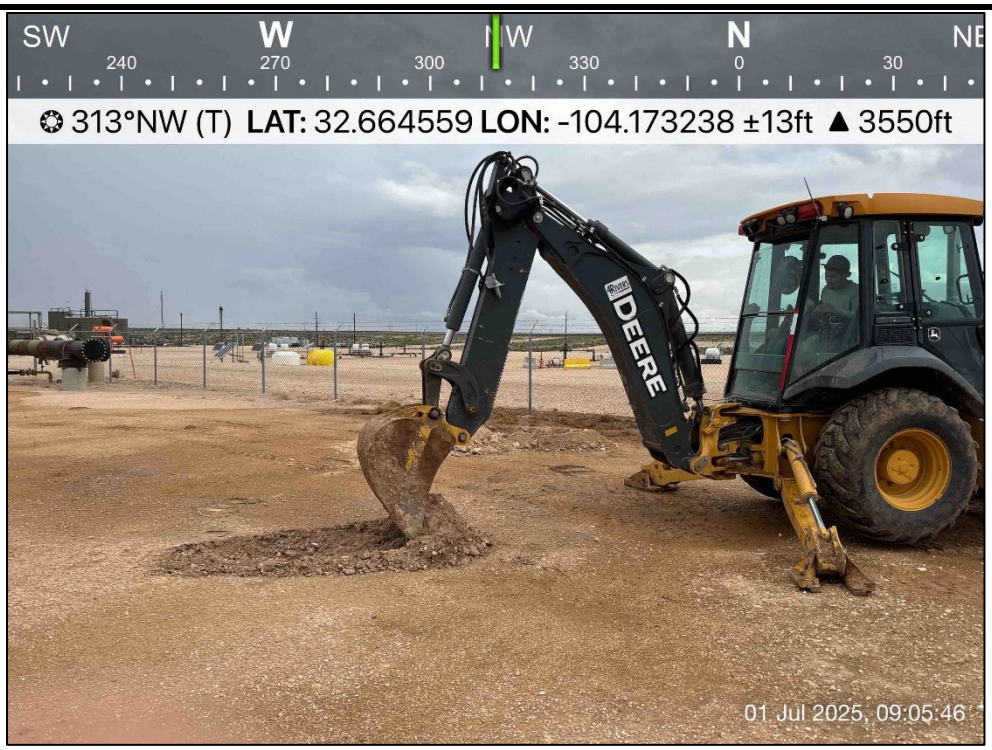

PHOTO 4: Northwestern view during delineation activities. 7/1/2025

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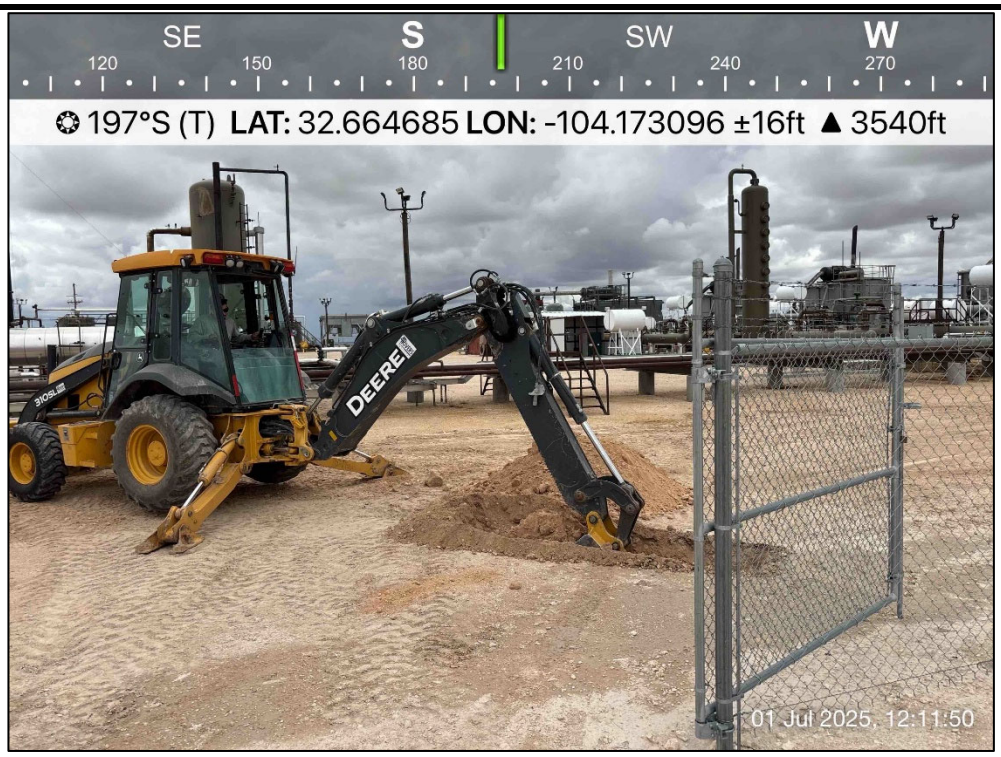

PHOTO 5: Southwestern view during delineation activities. 7/1/2025

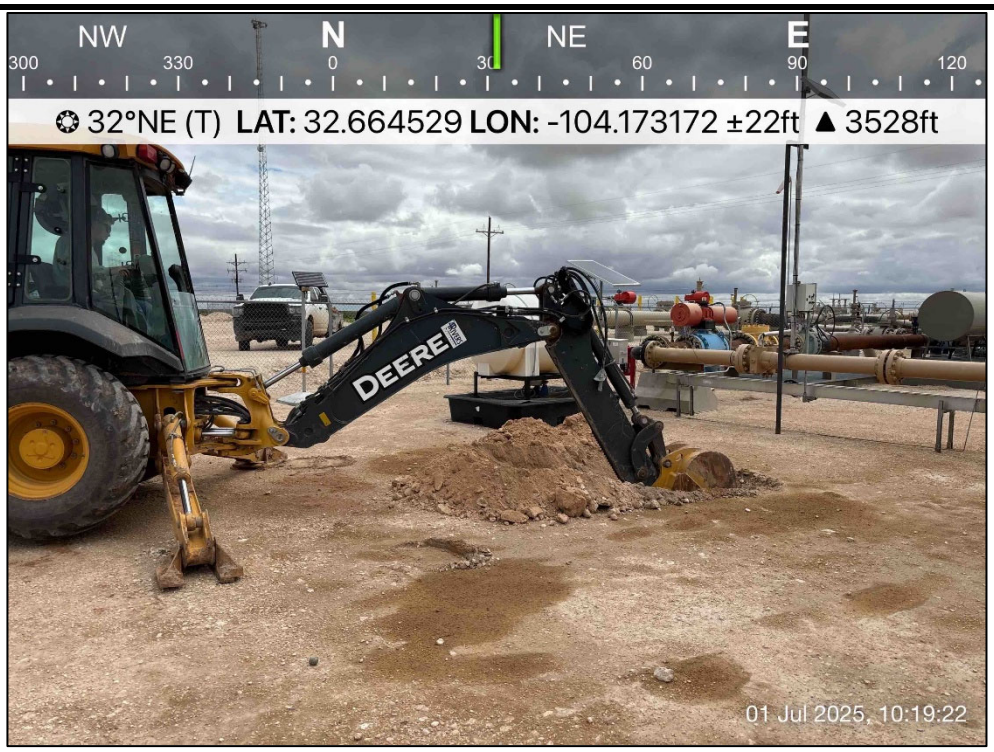

PHOTO 6: Northeastern view during delineation activities. 7/1/2025

PHOTO 7: Southwestern view during excavation activities. 8/15/2025

PHOTO 8: Southeastern view during excavation activities. 8/15/2025

PHOTO 9: Southeastern view during excavation activities. 8/15/2025

PHOTO 10: Northeastern view during excavation activities. 8/15/2025

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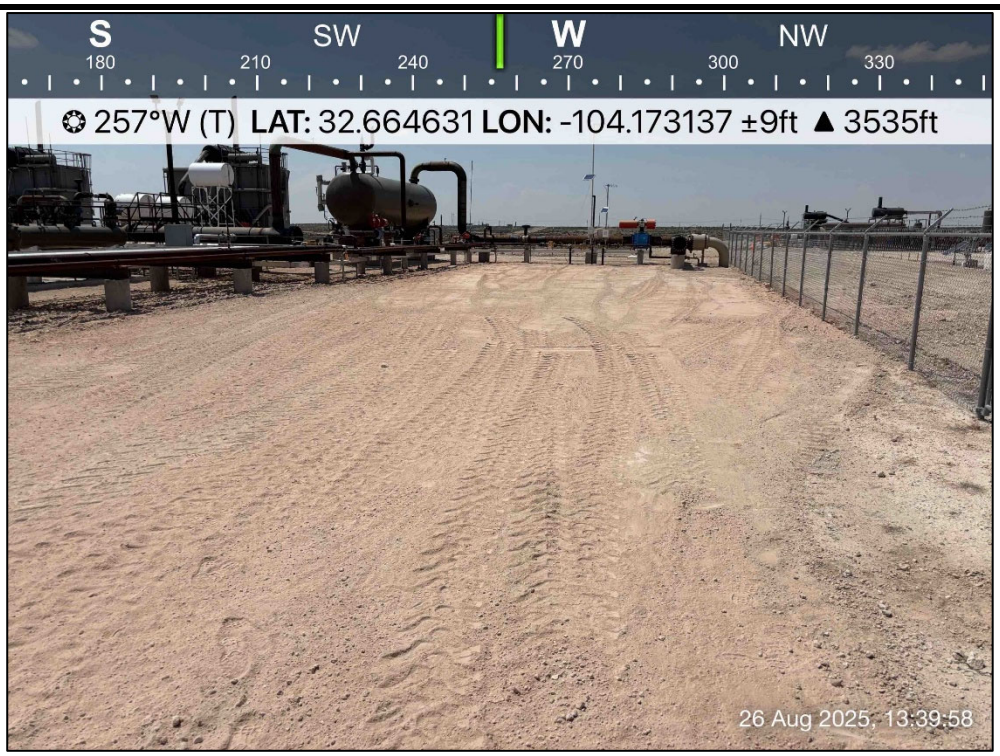

PHOTO 11: Southwestern view following restoration activities. 8/26/2025

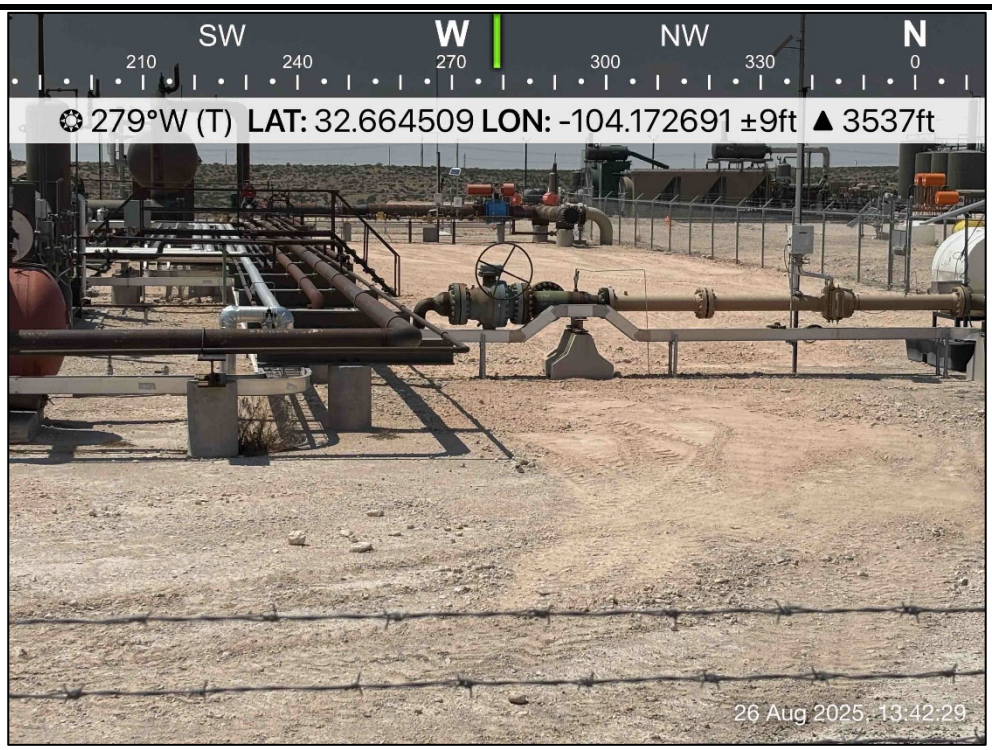

PHOTO 12: Northwestern view following restoration activities. 8/26/2025

Fadeaway Ridge Compressor Station - Closure Request Report
Incident Number: nAPP2516830043
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PHOTO 13: Eastern view following restoration activities. 8/26/2025

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Table 1
SOIL SAMPLE ANALYTICAL RESULTS
Fadeaway Ridge Compressor Station
Eddy County, New Mexico

KINETIK

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)	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	100	600
Delineation Soil Samples - nAPP2516830043									
HA - 1	7/1/2025	0.5	<0.00200	<0.00400	<49.9	<49.9	<49.9	<49.9	89.7
HA - 1	7/1/2025	2	<0.00200	<0.00399	<49.7	<49.7	<49.7	<49.7	110
HA - 1	7/1/2025	4	<0.00200	<0.00401	<50.0	<50.0	<50.0	<50.0	97.7
HA - 2	7/1/2025	0.5	<0.00199	<0.00398	<49.8	<49.8	<49.8	<49.8	92.7
HA - 2	7/1/2025	2	<0.00199	<0.00398	<49.9	<49.9	<49.9	<49.9	102
HA - 2	7/1/2025	4	<0.00198	<0.00396	<50.0	<50.0	<50.0	<50.0	194
HA - 3	7/1/2025	0.5	<0.00200	<0.00399	<50.0	<50.0	<50.0	<50.0	216
HA - 3	7/1/2025	2	<0.00200	<0.00401	<49.8	<49.8	<49.8	<49.8	115
HA - 3	7/1/2025	4	<0.00201	<0.00402	<49.9	<49.9	<49.9	<49.9	121
HA - 4	7/1/2025	0.5	<0.00202	<0.00404	<49.8	<49.8	<49.8	<49.8	106
HA - 4	7/1/2025	2	<0.00199	0.0125	<49.9	<49.9	<49.9	<49.9	77.7
HA - 4	7/1/2025	4	<0.00199	0.0129	<50.0	<50.0	<50.0	<50.0	101
HA - 4	7/1/2025	6	0.00437	0.432	<49.8	<49.8	<49.8	<49.8	121
HA - 4	7/1/2025	8	<0.00201	<0.00402	<49.7	<49.7	<49.7	<49.7	115
HA - 5	7/1/2025	0.5	0.786	69.5	629	2,150	<49.9	2,780	106
HA - 5	7/1/2025	2	<0.0403	0.237	<50.0	<50.0	<50.0	<50.0	167
HA - 5	7/1/2025	4	<0.00198	0.0289	<49.8	<49.8	<49.8	<49.8	121
HA - 6	7/1/2025	0.5	<0.00199	0.0204	<49.8	<49.8	<49.8	<49.8	111
HA - 6	7/1/2025	2	<0.00200	<0.00400	<50.0	<50.0	<50.0	<50.0	101
HA - 6	7/1/2025	4	<0.00200	<0.00401	<50.0	<50.0	<50.0	<50.0	90.5
HA - 7	7/1/2025	0.5	<0.00199	<0.00398	<50.0	<50.0	<50.0	<50.0	106
HA - 7	7/1/2025	4	<0.00198	<0.00396	<50.0	<50.0	<50.0	<50.0	149
HA - 8	7/1/2025	0.5	<0.00200	<0.00399	<49.8	<49.8	<49.8	<49.8	194
HA - 8	7/1/2025	4	<0.00200	<0.00401	<49.8	<49.8	<49.8	<49.8	145
HA - 9	7/1/2025	0.5	<0.00201	<0.00402	<49.9	<49.9	<49.9	<49.9	91.8
HA - 9	7/1/2025	4	<0.00202	<0.00404	<49.8	<49.8	<49.8	<49.8	121

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Table 1
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NMOCD Table I Closure Criteria for Soils Impacted by a Release (NMAC 19.15.29)			10	50	NE	NE	NE	100	600
Delineation Soil Samples - nAPP2516830043									
HA - 10	7/1/2025	0.5	<0.00199	<0.00398	<49.6	<49.6	<49.6	<49.6	137
HA - 10	7/1/2025	4	<0.00199	<0.00398	<49.7	<49.7	<49.7	<49.7	162
HA - 11	7/1/2025	0.5	<0.00200	<0.00399	<50.0	<50.0	<50.0	<50.0	90.5
HA - 11	7/1/2025	4	<0.00201	<0.00402	<49.8	<49.8	<49.8	<49.8	127
HA - 12	7/1/2025	0.5	<0.00200	<0.00401	<49.7	<49.7	<49.7	<49.7	122
HA - 12	7/1/2025	4	<0.00199	<0.00398	<49.8	<49.8	<49.8	<49.8	108
Confirmation Soil Samples - nAPP2516830043									
CS - 1	8/15/2025	1	<0.00200	<0.00400	<50.0	<50.0	<50.0	<50.0	<10.0
SW - 1	8/15/2025	0 - 1	<0.00200	<0.00400	<49.9	<49.9	<49.9	<49.9	24.0
SW - 2	8/15/2025	0 - 1	<0.00201	<0.00402	<50.0	<50.0	<50.0	<50.0	10.0

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

Action 478774

QUESTIONS

Operator: FRONTIER FIELD SERVICES, LLC 303 Veterans Airpark Lane Midland, TX 79705	OGRID: 221115
	Action Number: 478774
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	**nAPP2516830043**
Incident Name	**NAPP2516830043 FADEAWAY RIDGE COMPRESSOR STATION @ 0**
Incident Type	**Produced Water Release**
Incident Status	**Initial C-141 Approved**
Incident Facility	**[fAPP2123229442] Frontier Field Services Gathering System**

Location of Release Source	
Site Name	**Fadeaway Ridge Compressor Station**
Date Release Discovered	**06/17/2025**
Surface Owner	**State**

Sampling Event General Information *Please answer all the questions in this group.*	
What is the sampling surface area in square feet	9,528
What is the estimated number of samples that will be gathered	30
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	07/01/2025
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	32.6644575,-104.1734526

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

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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: FRONTIER FIELD SERVICES, LLC 303 Veterans Airpark Lane Midland, TX 79705	OGRID: 221115
	Action Number: 478774
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

CONDITIONS

Created By	Condition	Condition Date
sorozco	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.	6/25/2025
sorozco	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.	6/25/2025

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

QUESTIONS

Action 493237

QUESTIONS

Operator: FRONTIER FIELD SERVICES, LLC 303 Veterans Airpark Lane Midland, TX 79705	OGRID: 221115
	Action Number: 493237
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	**nAPP2516830043**
Incident Name	**NAPP2516830043 FADEAWAY RIDGE COMPRESSOR STATION @ 0**
Incident Type	**Produced Water Release**
Incident Status	**Initial C-141 Approved**
Incident Facility	**[fAPP2123229442] Frontier Field Services Gathering System**

Location of Release Source	
Site Name	**Fadeaway Ridge Compressor Station**
Date Release Discovered	**06/17/2025**
Surface Owner	**State**

Sampling Event General Information *Please answer all the questions in this group.*	
What is the sampling surface area in square feet	400
What is the estimated number of samples that will be gathered	6
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	08/15/2025
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	32.0270348,-103.8680038

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

Operator: FRONTIER FIELD SERVICES, LLC 303 Veterans Airpark Lane Midland, TX 79705	OGRID: 221115
	Action Number: 493237
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

CONDITIONS

Created By	Condition	Condition Date
sorozco	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.	8/7/2025
sorozco	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.	8/7/2025

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

Attn: Gilbert Moreno
Earth Systems Response and Restoration
4115 South County Road 1297
Odessa, Texas 79765

Generated 7/8/2025 11:43:58 AM

JOB DESCRIPTION

Fadeaway Ridge Compressoner Station
Eddy County, NM

JOB NUMBER

890-8361-1

Eurofins Carlsbad
1089 N Canal St.
Carlsbad NM 88220

See page two for job notes and contact information.

Released to Imaging: 12/2/2025 3:25:10 PM

my EOL

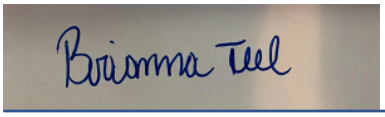
Eurofins Carlsbad

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
7/8/2025 11:43:58 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: Fadeaway Ridge Compressoner Station

Laboratory Job ID: 890-8361-1
SDG: Eddy County, NM

Table of Contents

Definitions/Glossary

Client: Earth Systems Response and Restoration Job ID: 890-8361-1
Project/Site: Fadeaway Ridge Compressoner Station SDG: Eddy 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: 890-8361-1
Project: Fadeaway Ridge Compressoner Station

Job ID: 890-8361-1 Eurofins Carlsbad

Job Narrative
890-8361-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable.

- Matrix QC may not be reported if insufficient sample is provided or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Receipt
The samples were received on 7/2/2025 8:00 AM. 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 -2.2°C.

Receipt Exceptions
The following samples were received and analyzed from an unpreserved bulk soil jar: HA - 1 (890-8361-1), HA - 1 (890-8361-2), HA - 1 (890-8361-3), HA - 2 (890-8361-4), HA - 2 (890-8361-5), HA - 2 (890-8361-6), HA - 3 (890-8361-7), HA - 3 (890-8361-8), HA - 3 (890-8361-9), HA - 4 (890-8361-10), HA - 4 (890-8361-11), HA - 4 (890-8361-12), HA - 4 (890-8361-13), HA - 4 (890-8361-14), HA - 5 (890-8361-15), HA - 5 (890-8361-16), HA - 5 (890-8361-17), HA - 6 (890-8361-18), HA - 6 (890-8361-19) and HA - 6 (890-8361-20).

GC VOA
Method 8021B: Surrogate recovery for the following samples were outside control limits: HA - 4 (890-8361-13), HA - 5 (890-8361-15) and HA - 6 (890-8361-19). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8021B: Surrogate recovery for the following samples were outside control limits: HA - 5 (890-8361-16) and (890-8381-A-12-F). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8021B: The following sample was diluted due to the nature of the sample matrix: HA - 5 (890-8361-16). Elevated reporting limits (RLs) are provided.

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

Diesel Range Organics
Method 8015MOD_NM: Surrogate recovery for the following sample was outside control limits: HA - 5 (890-8361-15). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8015MOD_NM: The file containing the laboratory control sample duplicate (LCSD) is unable to be processed due to a linking error, and therefore the LCSD sample is absent from the batch. However, the matrix spike (MS) and matrix spike duplicate (MSD) both meet acceptance criteria and are therefore use to validate all samples.

(LCS 880-113557/2-A)

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

HPLC/IC
Method 300_ORGFM_28D - Soluble: The Chloride matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-113588 and analytical batch 880-113614 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

The associated samples are: HA - 1 (890-8361-1), HA - 1 (890-8361-2), HA - 1 (890-8361-3), HA - 2 (890-8361-4) and HA - 2 (890-8361-5).

Case Narrative

Client: Earth Systems Response and Restoration Job ID: 890-8361-1
Project: Fadeaway Ridge Compressoner Station

Job ID: 890-8361-1 (Continued) Eurofins Carlsbad

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: Fadeaway Ridge Compressoner Station

Job ID: 890-8361-1
SDG: Eddy County, NM

Client Sample ID: HA - 1

Lab Sample ID: 890-8361-1
Matrix: Solid
Date Collected: 07/01/25 13:00
Date Received: 07/02/25 08:00
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		07/02/25 14:59	07/03/25 12:09	1
Toluene	<0.00200	U	0.00200		mg/Kg		07/02/25 14:59	07/03/25 12:09	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		07/02/25 14:59	07/03/25 12:09	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		07/02/25 14:59	07/03/25 12:09	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		07/02/25 14:59	07/03/25 12:09	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		07/02/25 14:59	07/03/25 12:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*124*		*70 - 130*	*07/02/25 14:59*	*07/03/25 12:09*	*1*
1,4-Difluorobenzene (Surr)	*90*		*70 - 130*	*07/02/25 14:59*	*07/03/25 12:09*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00400	U	0.00400		mg/Kg			07/03/25 12:09	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			07/03/25 10:25	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	<49.9	U	49.9		mg/Kg		07/02/25 13:41	07/03/25 10:25	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		07/02/25 13:41	07/03/25 10:25	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		07/02/25 13:41	07/03/25 10:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*99*		*70 - 130*	*07/02/25 13:41*	*07/03/25 10:25*	*1*
o-Terphenyl	*109*		*70 - 130*	*07/02/25 13:41*	*07/03/25 10:25*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**89.7**		9.96		mg/Kg			07/03/25 14:13	1

Client Sample ID: HA - 1

Lab Sample ID: 890-8361-2
Matrix: Solid
Date Collected: 07/01/25 13:05
Date Received: 07/02/25 08:00
Sample Depth: 2

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		07/02/25 14:59	07/03/25 12:29	1
Toluene	<0.00200	U	0.00200		mg/Kg		07/02/25 14:59	07/03/25 12:29	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		07/02/25 14:59	07/03/25 12:29	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		07/02/25 14:59	07/03/25 12:29	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		07/02/25 14:59	07/03/25 12:29	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		07/02/25 14:59	07/03/25 12:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*117*		*70 - 130*	*07/02/25 14:59*	*07/03/25 12:29*	*1*

Client Sample Results

Client: Earth Systems Response and Restoration
Project/Site: Fadeaway Ridge Compressoner Station

Job ID: 890-8361-1
SDG: Eddy County, NM

Client Sample ID: HA - 1

Lab Sample ID: 890-8361-2
Matrix: Solid
Date Collected: 07/01/25 13:05
Date Received: 07/02/25 08:00
Sample Depth: 2

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

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Difluorobenzene (Surr)	*87*		*70 - 130*	*07/02/25 14:59*	*07/03/25 12:29*	*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			07/03/25 12:29	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			07/03/25 11:08	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		07/02/25 13:41	07/03/25 11:08	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		07/02/25 13:41	07/03/25 11:08	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		07/02/25 13:41	07/03/25 11:08	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*94*		*70 - 130*	*07/02/25 13:41*	*07/03/25 11:08*	*1*
o-Terphenyl	*105*		*70 - 130*	*07/02/25 13:41*	*07/03/25 11:08*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**110**		9.92		mg/Kg			07/03/25 14:18	1

Client Sample ID: HA - 1

Lab Sample ID: 890-8361-3
Matrix: Solid
Date Collected: 07/01/25 13:10
Date Received: 07/02/25 08:00
Sample Depth: 4

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		07/02/25 14:59	07/03/25 12:50	1
Toluene	<0.00200	U	0.00200		mg/Kg		07/02/25 14:59	07/03/25 12:50	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		07/02/25 14:59	07/03/25 12:50	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		07/02/25 14:59	07/03/25 12:50	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		07/02/25 14:59	07/03/25 12:50	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		07/02/25 14:59	07/03/25 12:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*123*		*70 - 130*	*07/02/25 14:59*	*07/03/25 12:50*	*1*
1,4-Difluorobenzene (Surr)	*86*		*70 - 130*	*07/02/25 14:59*	*07/03/25 12:50*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			07/03/25 12:50	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			07/03/25 11:22	1

Eurofins Carlsbad

Client Sample Results

Client: Earth Systems Response and Restoration
Project/Site: Fadeaway Ridge Compressoner Station

Job ID: 890-8361-1
SDG: Eddy County, NM

Client Sample ID: HA - 1

Lab Sample ID: 890-8361-3
Matrix: Solid
Date Collected: 07/01/25 13:10
Date Received: 07/02/25 08:00
Sample Depth: 4

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		07/02/25 13:41	07/03/25 11:22	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		07/02/25 13:41	07/03/25 11:22	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		07/02/25 13:41	07/03/25 11:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*96*		*70 - 130*	*07/02/25 13:41*	*07/03/25 11:22*	*1*
o-Terphenyl	*106*		*70 - 130*	*07/02/25 13:41*	*07/03/25 11:22*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**97.7**		10.0		mg/Kg			07/03/25 14:24	1

Client Sample ID: HA - 2

Lab Sample ID: 890-8361-4
Matrix: Solid
Date Collected: 07/01/25 13:15
Date Received: 07/02/25 08:00
Sample Depth: 0.5

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		07/02/25 14:59	07/03/25 13:10	1
Toluene	<0.00199	U	0.00199		mg/Kg		07/02/25 14:59	07/03/25 13:10	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		07/02/25 14:59	07/03/25 13:10	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		07/02/25 14:59	07/03/25 13:10	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		07/02/25 14:59	07/03/25 13:10	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		07/02/25 14:59	07/03/25 13:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*114*		*70 - 130*	*07/02/25 14:59*	*07/03/25 13:10*	*1*
1,4-Difluorobenzene (Surr)	*90*		*70 - 130*	*07/02/25 14:59*	*07/03/25 13:10*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			07/03/25 13:10	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			07/03/25 11:37	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		07/02/25 13:41	07/03/25 11:37	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		07/02/25 13:41	07/03/25 11:37	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		07/02/25 13:41	07/03/25 11:37	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*94*		*70 - 130*	*07/02/25 13:41*	*07/03/25 11:37*	*1*
o-Terphenyl	*104*		*70 - 130*	*07/02/25 13:41*	*07/03/25 11:37*	*1*

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Client Sample Results

Client: Earth Systems Response and Restoration
Project/Site: Fadeaway Ridge Compressoner Station

Job ID: 890-8361-1
SDG: Eddy County, NM

Client Sample ID: HA - 2

Lab Sample ID: 890-8361-4
Matrix: Solid
Date Collected: 07/01/25 13:15
Date Received: 07/02/25 08:00
Sample Depth: 0.5

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	92.7		10.1		mg/Kg			07/03/25 14:30	1

Client Sample ID: HA - 2

Lab Sample ID: 890-8361-5
Matrix: Solid
Date Collected: 07/01/25 13:20
Date Received: 07/02/25 08:00
Sample Depth: 2

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		07/02/25 14:59	07/03/25 13:31	1
Toluene	<0.00199	U	0.00199		mg/Kg		07/02/25 14:59	07/03/25 13:31	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		07/02/25 14:59	07/03/25 13:31	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		07/02/25 14:59	07/03/25 13:31	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		07/02/25 14:59	07/03/25 13:31	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		07/02/25 14:59	07/03/25 13:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*118*		*70 - 130*	*07/02/25 14:59*	*07/03/25 13:31*	*1*
1,4-Difluorobenzene (Surr)	*88*		*70 - 130*	*07/02/25 14:59*	*07/03/25 13:31*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			07/03/25 13:31	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			07/03/25 11:51	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		07/02/25 13:41	07/03/25 11:51	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		07/02/25 13:41	07/03/25 11:51	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		07/02/25 13:41	07/03/25 11:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*98*		*70 - 130*	*07/02/25 13:41*	*07/03/25 11:51*	*1*
o-Terphenyl	*107*		*70 - 130*	*07/02/25 13:41*	*07/03/25 11:51*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	102		9.94		mg/Kg			07/03/25 14:35	1

Client Sample Results

Client: Earth Systems Response and Restoration
Project/Site: Fadeaway Ridge Compressoner Station

Job ID: 890-8361-1
SDG: Eddy County, NM

Client Sample ID: HA - 2

Lab Sample ID: 890-8361-6
Matrix: Solid
Date Collected: 07/01/25 13:25
Date Received: 07/02/25 08:00
Sample Depth: 4

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		07/02/25 14:59	07/03/25 13:51	1
Toluene	<0.00198	U	0.00198		mg/Kg		07/02/25 14:59	07/03/25 13:51	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		07/02/25 14:59	07/03/25 13:51	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		07/02/25 14:59	07/03/25 13:51	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		07/02/25 14:59	07/03/25 13:51	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		07/02/25 14:59	07/03/25 13:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*117*		*70 - 130*	*07/02/25 14:59*	*07/03/25 13:51*	*1*
1,4-Difluorobenzene (Surr)	*90*		*70 - 130*	*07/02/25 14:59*	*07/03/25 13:51*	*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			07/03/25 13:51	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			07/03/25 13:28	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	<50.0	U	50.0		mg/Kg		07/02/25 13:41	07/03/25 13:28	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		07/02/25 13:41	07/03/25 13:28	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		07/02/25 13:41	07/03/25 13:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*95*		*70 - 130*	*07/02/25 13:41*	*07/03/25 13:28*	*1*
o-Terphenyl	*101*		*70 - 130*	*07/02/25 13:41*	*07/03/25 13:28*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**194**		10.1		mg/Kg			07/03/25 14:54	1

Client Sample ID: HA - 3

Lab Sample ID: 890-8361-7
Matrix: Solid
Date Collected: 07/01/25 13:30
Date Received: 07/02/25 08:00
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		07/02/25 14:59	07/03/25 14:11	1
Toluene	<0.00200	U	0.00200		mg/Kg		07/02/25 14:59	07/03/25 14:11	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		07/02/25 14:59	07/03/25 14:11	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		07/02/25 14:59	07/03/25 14:11	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		07/02/25 14:59	07/03/25 14:11	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		07/02/25 14:59	07/03/25 14:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*120*		*70 - 130*	*07/02/25 14:59*	*07/03/25 14:11*	*1*

Client Sample Results

Client: Earth Systems Response and Restoration
Project/Site: Fadeaway Ridge Compressoner Station

Job ID: 890-8361-1
SDG: Eddy County, NM

Client Sample ID: HA - 3

Lab Sample ID: 890-8361-7
Matrix: Solid
Date Collected: 07/01/25 13:30
Date Received: 07/02/25 08:00
Sample Depth: 0.5

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

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Difluorobenzene (Surr)	*87*		*70 - 130*	*07/02/25 14:59*	*07/03/25 14:11*	*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			07/03/25 14:11	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			07/03/25 13:42	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		07/02/25 13:41	07/03/25 13:42	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		07/02/25 13:41	07/03/25 13:42	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		07/02/25 13:41	07/03/25 13:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*95*		*70 - 130*	*07/02/25 13:41*	*07/03/25 13:42*	*1*
o-Terphenyl	*105*		*70 - 130*	*07/02/25 13:41*	*07/03/25 13:42*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**216**		10.0		mg/Kg			07/03/25 15:15	1

Client Sample ID: HA - 3

Lab Sample ID: 890-8361-8
Matrix: Solid
Date Collected: 07/01/25 13:35
Date Received: 07/02/25 08:00
Sample Depth: 2

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		07/02/25 14:59	07/03/25 14:32	1
Toluene	<0.00200	U	0.00200		mg/Kg		07/02/25 14:59	07/03/25 14:32	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		07/02/25 14:59	07/03/25 14:32	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		07/02/25 14:59	07/03/25 14:32	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		07/02/25 14:59	07/03/25 14:32	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		07/02/25 14:59	07/03/25 14:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*117*		*70 - 130*	*07/02/25 14:59*	*07/03/25 14:32*	*1*
1,4-Difluorobenzene (Surr)	*90*		*70 - 130*	*07/02/25 14:59*	*07/03/25 14:32*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			07/03/25 14:32	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			07/03/25 13:56	1

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Client Sample Results

Client: Earth Systems Response and Restoration
Project/Site: Fadeaway Ridge Compressoner Station

Job ID: 890-8361-1
SDG: Eddy County, NM

Client Sample ID: HA - 3

Lab Sample ID: 890-8361-8
Matrix: Solid
Date Collected: 07/01/25 13:35
Date Received: 07/02/25 08:00
Sample Depth: 2

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		07/02/25 13:41	07/03/25 13:56	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		07/02/25 13:41	07/03/25 13:56	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		07/02/25 13:41	07/03/25 13:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*94*		*70 - 130*	*07/02/25 13:41*	*07/03/25 13:56*	*1*
o-Terphenyl	*104*		*70 - 130*	*07/02/25 13:41*	*07/03/25 13:56*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**115**		9.94		mg/Kg			07/03/25 15:22	1

Client Sample ID: HA - 3

Lab Sample ID: 890-8361-9
Matrix: Solid
Date Collected: 07/01/25 13:40
Date Received: 07/02/25 08:00
Sample Depth: 4

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		07/02/25 14:59	07/03/25 14:52	1
Toluene	<0.00201	U	0.00201		mg/Kg		07/02/25 14:59	07/03/25 14:52	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		07/02/25 14:59	07/03/25 14:52	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		07/02/25 14:59	07/03/25 14:52	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		07/02/25 14:59	07/03/25 14:52	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		07/02/25 14:59	07/03/25 14:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*126*		*70 - 130*	*07/02/25 14:59*	*07/03/25 14:52*	*1*
1,4-Difluorobenzene (Surr)	*85*		*70 - 130*	*07/02/25 14:59*	*07/03/25 14:52*	*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			07/03/25 14:52	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			07/03/25 14:11	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		07/02/25 13:41	07/03/25 14:11	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		07/02/25 13:41	07/03/25 14:11	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		07/02/25 13:41	07/03/25 14:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*94*		*70 - 130*	*07/02/25 13:41*	*07/03/25 14:11*	*1*
o-Terphenyl	*104*		*70 - 130*	*07/02/25 13:41*	*07/03/25 14:11*	*1*

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Client Sample Results

Client: Earth Systems Response and Restoration
Project/Site: Fadeaway Ridge Compressoner Station

Job ID: 890-8361-1
SDG: Eddy County, NM

Client Sample ID: HA - 3

Lab Sample ID: 890-8361-9
Matrix: Solid
Date Collected: 07/01/25 13:40
Date Received: 07/02/25 08:00
Sample Depth: 4

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	121		9.92		mg/Kg			07/03/25 15:30	1

Client Sample ID: HA - 4

Lab Sample ID: 890-8361-10
Matrix: Solid
Date Collected: 07/01/25 13:45
Date Received: 07/02/25 08:00
Sample Depth: 0.5

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		07/02/25 14:59	07/03/25 15:13	1
Toluene	<0.00202	U	0.00202		mg/Kg		07/02/25 14:59	07/03/25 15:13	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		07/02/25 14:59	07/03/25 15:13	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		07/02/25 14:59	07/03/25 15:13	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		07/02/25 14:59	07/03/25 15:13	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		07/02/25 14:59	07/03/25 15:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*123*		*70 - 130*	*07/02/25 14:59*	*07/03/25 15:13*	*1*
1,4-Difluorobenzene (Surr)	*86*		*70 - 130*	*07/02/25 14:59*	*07/03/25 15:13*	*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			07/03/25 15:13	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			07/03/25 14:27	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	<49.8	U	49.8		mg/Kg		07/02/25 13:41	07/03/25 14:27	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		07/02/25 13:41	07/03/25 14:27	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		07/02/25 13:41	07/03/25 14:27	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*93*		*70 - 130*	*07/02/25 13:41*	*07/03/25 14:27*	*1*
o-Terphenyl	*104*		*70 - 130*	*07/02/25 13:41*	*07/03/25 14:27*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	106		9.96		mg/Kg			07/03/25 15:37	1

Client Sample Results

Client: Earth Systems Response and Restoration
Project/Site: Fadeaway Ridge Compressoner Station

Job ID: 890-8361-1
SDG: Eddy County, NM

Client Sample ID: HA - 4

Lab Sample ID: 890-8361-11
Matrix: Solid
Date Collected: 07/01/25 13:50
Date Received: 07/02/25 08:00
Sample Depth: 2

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		07/02/25 14:59	07/03/25 16:46	1
Toluene	**0.00453**		0.00199		mg/Kg		07/02/25 14:59	07/03/25 16:46	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		07/02/25 14:59	07/03/25 16:46	1
m-Xylene & p-Xylene	**0.00798**		0.00398		mg/Kg		07/02/25 14:59	07/03/25 16:46	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		07/02/25 14:59	07/03/25 16:46	1
Xylenes, Total	**0.00798**		0.00398		mg/Kg		07/02/25 14:59	07/03/25 16:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*130*		*70 - 130*	*07/02/25 14:59*	*07/03/25 16:46*	*1*
1,4-Difluorobenzene (Surr)	*88*		*70 - 130*	*07/02/25 14:59*	*07/03/25 16:46*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	**0.0125**		0.00398		mg/Kg			07/03/25 16:46	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			07/03/25 14:55	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	<49.9	U	49.9		mg/Kg		07/02/25 13:41	07/03/25 14:55	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		07/02/25 13:41	07/03/25 14:55	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		07/02/25 13:41	07/03/25 14:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*95*		*70 - 130*	*07/02/25 13:41*	*07/03/25 14:55*	*1*
o-Terphenyl	*105*		*70 - 130*	*07/02/25 13:41*	*07/03/25 14:55*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**77.7**		9.92		mg/Kg			07/03/25 15:58	1

Client Sample ID: HA - 4

Lab Sample ID: 890-8361-12
Matrix: Solid
Date Collected: 07/01/25 13:55
Date Received: 07/02/25 08:00
Sample Depth: 4

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		07/02/25 14:59	07/03/25 17:07	1
Toluene	**0.00599**		0.00199		mg/Kg		07/02/25 14:59	07/03/25 17:07	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		07/02/25 14:59	07/03/25 17:07	1
m-Xylene & p-Xylene	**0.00694**		0.00398		mg/Kg		07/02/25 14:59	07/03/25 17:07	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		07/02/25 14:59	07/03/25 17:07	1
Xylenes, Total	**0.00694**		0.00398		mg/Kg		07/02/25 14:59	07/03/25 17:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*119*		*70 - 130*	*07/02/25 14:59*	*07/03/25 17:07*	*1*

Client Sample Results

Client: Earth Systems Response and Restoration
Project/Site: Fadeaway Ridge Compressoner Station

Job ID: 890-8361-1
SDG: Eddy County, NM

Client Sample ID: HA - 4

Lab Sample ID: 890-8361-12
Matrix: Solid
Date Collected: 07/01/25 13:55
Date Received: 07/02/25 08:00
Sample Depth: 4

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

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Difluorobenzene (Surr)	*89*		*70 - 130*	*07/02/25 14:59*	*07/03/25 17:07*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	**0.0129**		0.00398		mg/Kg			07/03/25 17:07	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			07/03/25 15:10	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		07/02/25 13:41	07/03/25 15:10	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		07/02/25 13:41	07/03/25 15:10	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		07/02/25 13:41	07/03/25 15:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*95*		*70 - 130*	*07/02/25 13:41*	*07/03/25 15:10*	*1*
o-Terphenyl	*105*		*70 - 130*	*07/02/25 13:41*	*07/03/25 15:10*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**101**		10.1		mg/Kg			07/03/25 16:06	1

Client Sample ID: HA - 4

Lab Sample ID: 890-8361-13
Matrix: Solid
Date Collected: 07/01/25 14:00
Date Received: 07/02/25 08:00
Sample Depth: 6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	**0.00437**		0.00200		mg/Kg		07/02/25 14:59	07/03/25 17:27	1
Toluene	**0.0838**		0.00200		mg/Kg		07/02/25 14:59	07/03/25 17:27	1
Ethylbenzene	**0.0694**		0.00200		mg/Kg		07/02/25 14:59	07/03/25 17:27	1
m-Xylene & p-Xylene	**0.190**		0.00399		mg/Kg		07/02/25 14:59	07/03/25 17:27	1
o-Xylene	**0.0846**		0.00200		mg/Kg		07/02/25 14:59	07/03/25 17:27	1
Xylenes, Total	**0.275**		0.00399		mg/Kg		07/02/25 14:59	07/03/25 17:27	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*132*	*S1+*	*70 - 130*	*07/02/25 14:59*	*07/03/25 17:27*	*1*
1,4-Difluorobenzene (Surr)	*90*		*70 - 130*	*07/02/25 14:59*	*07/03/25 17:27*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	**0.432**		0.00399		mg/Kg			07/03/25 17:27	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			07/03/25 15:24	1

Client Sample Results

Client: Earth Systems Response and Restoration
Project/Site: Fadeaway Ridge Compressoner Station

Job ID: 890-8361-1
SDG: Eddy County, NM

Client Sample ID: HA - 4

Lab Sample ID: 890-8361-13
Matrix: Solid
Date Collected: 07/01/25 14:00
Date Received: 07/02/25 08:00
Sample Depth: 6

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		07/02/25 13:41	07/03/25 15:24	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		07/02/25 13:41	07/03/25 15:24	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		07/02/25 13:41	07/03/25 15:24	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*94*		*70 - 130*	*07/02/25 13:41*	*07/03/25 15:24*	*1*
o-Terphenyl	*104*		*70 - 130*	*07/02/25 13:41*	*07/03/25 15:24*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**121**		10.0		mg/Kg			07/03/25 16:13	1

Client Sample ID: HA - 4

Lab Sample ID: 890-8361-14
Matrix: Solid
Date Collected: 07/01/25 14:05
Date Received: 07/02/25 08:00
Sample Depth: 8

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		07/02/25 14:59	07/03/25 17:48	1
Toluene	<0.00201	U	0.00201		mg/Kg		07/02/25 14:59	07/03/25 17:48	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		07/02/25 14:59	07/03/25 17:48	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		07/02/25 14:59	07/03/25 17:48	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		07/02/25 14:59	07/03/25 17:48	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		07/02/25 14:59	07/03/25 17:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*128*		*70 - 130*	*07/02/25 14:59*	*07/03/25 17:48*	*1*
1,4-Difluorobenzene (Surr)	*88*		*70 - 130*	*07/02/25 14:59*	*07/03/25 17:48*	*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			07/03/25 17:48	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			07/03/25 15:40	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	<49.7	U	49.7		mg/Kg		07/02/25 13:41	07/03/25 15:40	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		07/02/25 13:41	07/03/25 15:40	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		07/02/25 13:41	07/03/25 15:40	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*92*		*70 - 130*	*07/02/25 13:41*	*07/03/25 15:40*	*1*
o-Terphenyl	*102*		*70 - 130*	*07/02/25 13:41*	*07/03/25 15:40*	*1*

Client Sample Results

Client: Earth Systems Response and Restoration
Project/Site: Fadeaway Ridge Compressoner Station

Job ID: 890-8361-1
SDG: Eddy County, NM

Client Sample ID: HA - 4

Lab Sample ID: 890-8361-14
Matrix: Solid
Date Collected: 07/01/25 14:05
Date Received: 07/02/25 08:00
Sample Depth: 8

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	115		9.94		mg/Kg			07/03/25 16:20	1

Client Sample ID: HA - 5

Lab Sample ID: 890-8361-15
Matrix: Solid
Date Collected: 07/01/25 14:10
Date Received: 07/02/25 08:00
Sample Depth: 0.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.786		0.202		mg/Kg		07/07/25 09:39	07/07/25 19:42	100
Toluene	18.2		0.202		mg/Kg		07/07/25 09:39	07/07/25 19:42	100
Ethylbenzene	10.7		0.202		mg/Kg		07/07/25 09:39	07/07/25 19:42	100
m-Xylene & p-Xylene	28.6		0.404		mg/Kg		07/07/25 09:39	07/07/25 19:42	100
o-Xylene	11.2		0.202		mg/Kg		07/07/25 09:39	07/07/25 19:42	100
Xylenes, Total	39.8		0.404		mg/Kg		07/07/25 09:39	07/07/25 19:42	100

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*544*	*S1+*	*70 - 130*	*07/02/25 14:59*	*07/03/25 18:08*	*1*
1,4-Difluorobenzene (Surr)	*97*		*70 - 130*	*07/02/25 14:59*	*07/03/25 18:08*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	69.5		0.404		mg/Kg			07/07/25 19:42	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	2780		49.9		mg/Kg			07/03/25 15:54	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	629		49.9		mg/Kg		07/02/25 13:41	07/03/25 15:54	1
Diesel Range Organics (Over C10-C28)	2150		49.9		mg/Kg		07/02/25 13:41	07/03/25 15:54	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		07/02/25 13:41	07/03/25 15:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*127*		*70 - 130*	*07/02/25 13:41*	*07/03/25 15:54*	*1*
o-Terphenyl	*158*	*S1+*	*70 - 130*	*07/02/25 13:41*	*07/03/25 15:54*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	106		9.92		mg/Kg			07/03/25 16:27	1

Client Sample Results

Client: Earth Systems Response and Restoration
Project/Site: Fadeaway Ridge Compressoner Station

Job ID: 890-8361-1
SDG: Eddy County, NM

Client Sample ID: HA - 5

Lab Sample ID: 890-8361-16
Matrix: Solid
Date Collected: 07/01/25 14:15
Date Received: 07/02/25 08:00
Sample Depth: 2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0403	U	0.0403		mg/Kg		07/07/25 09:45	07/07/25 19:21	20
Toluene	<0.0403	U	0.0403		mg/Kg		07/07/25 09:45	07/07/25 19:21	20
Ethylbenzene	<0.0403	U	0.0403		mg/Kg		07/07/25 09:45	07/07/25 19:21	20
m-Xylene & p-Xylene	**0.237**		0.0806		mg/Kg		07/07/25 09:45	07/07/25 19:21	20
o-Xylene	<0.0403	U	0.0403		mg/Kg		07/07/25 09:45	07/07/25 19:21	20
Xylenes, Total	**0.237**		0.0806		mg/Kg		07/07/25 09:45	07/07/25 19:21	20

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*130*		*70 - 130*	*07/07/25 09:45*	*07/07/25 19:21*	*20*
1,4-Difluorobenzene (Surr)	*86*		*70 - 130*	*07/07/25 09:45*	*07/07/25 19:21*	*20*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	**0.237**		0.0806		mg/Kg			07/07/25 19:21	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			07/03/25 16:09	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		07/02/25 13:41	07/03/25 16:09	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		07/02/25 13:41	07/03/25 16:09	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		07/02/25 13:41	07/03/25 16:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*96*		*70 - 130*	*07/02/25 13:41*	*07/03/25 16:09*	*1*
o-Terphenyl	*109*		*70 - 130*	*07/02/25 13:41*	*07/03/25 16:09*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**167**		10.0		mg/Kg			07/03/25 16:34	1

Client Sample ID: HA - 5

Lab Sample ID: 890-8361-17
Matrix: Solid
Date Collected: 07/01/25 14:20
Date Received: 07/02/25 08:00
Sample Depth: 4

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		07/02/25 14:59	07/03/25 18:49	1
Toluene	<0.00198	U	0.00198		mg/Kg		07/02/25 14:59	07/03/25 18:49	1
Ethylbenzene	**0.0198**		0.00198		mg/Kg		07/02/25 14:59	07/03/25 18:49	1
m-Xylene & p-Xylene	**0.00909**		0.00396		mg/Kg		07/02/25 14:59	07/03/25 18:49	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		07/02/25 14:59	07/03/25 18:49	1
Xylenes, Total	**0.00909**		0.00396		mg/Kg		07/02/25 14:59	07/03/25 18:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*120*		*70 - 130*	*07/02/25 14:59*	*07/03/25 18:49*	*1*

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Client Sample Results

Client: Earth Systems Response and Restoration
Project/Site: Fadeaway Ridge Compressoner Station

Job ID: 890-8361-1
SDG: Eddy County, NM

Client Sample ID: HA - 5

Lab Sample ID: 890-8361-17
Matrix: Solid

Date Collected: 07/01/25 14:20
Date Received: 07/02/25 08:00
Sample Depth: 4

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

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Difluorobenzene (Surr)	*86*		*70 - 130*	*07/02/25 14:59*	*07/03/25 18:49*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	**0.0289**		0.00396		mg/Kg			07/03/25 18:49	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			07/03/25 16:24	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	<49.8	U	49.8		mg/Kg		07/02/25 13:41	07/03/25 16:24	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		07/02/25 13:41	07/03/25 16:24	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		07/02/25 13:41	07/03/25 16:24	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*91*		*70 - 130*	*07/02/25 13:41*	*07/03/25 16:24*	*1*
o-Terphenyl	*102*		*70 - 130*	*07/02/25 13:41*	*07/03/25 16:24*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**121**		10.1		mg/Kg			07/03/25 16:56	1

Client Sample ID: HA - 6

Lab Sample ID: 890-8361-18
Matrix: Solid

Date Collected: 07/01/25 14:25
Date Received: 07/02/25 08:00
Sample Depth: 0.5

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		07/02/25 14:59	07/03/25 19:09	1
Toluene	<0.00199	U	0.00199		mg/Kg		07/02/25 14:59	07/03/25 19:09	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		07/02/25 14:59	07/03/25 19:09	1
m-Xylene & p-Xylene	**0.0118**		0.00398		mg/Kg		07/02/25 14:59	07/03/25 19:09	1
o-Xylene	**0.00860**		0.00199		mg/Kg		07/02/25 14:59	07/03/25 19:09	1
Xylenes, Total	**0.0204**		0.00398		mg/Kg		07/02/25 14:59	07/03/25 19:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*126*		*70 - 130*	*07/02/25 14:59*	*07/03/25 19:09*	*1*
1,4-Difluorobenzene (Surr)	*90*		*70 - 130*	*07/02/25 14:59*	*07/03/25 19:09*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	**0.0204**		0.00398		mg/Kg			07/03/25 19:09	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			07/03/25 16:38	1

Client Sample Results

Client: Earth Systems Response and Restoration
Project/Site: Fadeaway Ridge Compressoner Station

Job ID: 890-8361-1
SDG: Eddy County, NM

Client Sample ID: HA - 6

Lab Sample ID: 890-8361-18
Matrix: Solid
Date Collected: 07/01/25 14:25
Date Received: 07/02/25 08:00
Sample Depth: 0.5

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		07/02/25 13:41	07/03/25 16:38	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		07/02/25 13:41	07/03/25 16:38	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		07/02/25 13:41	07/03/25 16:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*92*		*70 - 130*	*07/02/25 13:41*	*07/03/25 16:38*	*1*
o-Terphenyl	*102*		*70 - 130*	*07/02/25 13:41*	*07/03/25 16:38*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**111**		10.1		mg/Kg			07/03/25 17:03	1

Client Sample ID: HA - 6

Lab Sample ID: 890-8361-19
Matrix: Solid
Date Collected: 07/01/25 14:30
Date Received: 07/02/25 08:00
Sample Depth: 2

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		07/02/25 14:59	07/03/25 19:30	1
Toluene	<0.00200	U	0.00200		mg/Kg		07/02/25 14:59	07/03/25 19:30	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		07/02/25 14:59	07/03/25 19:30	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		07/02/25 14:59	07/03/25 19:30	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		07/02/25 14:59	07/03/25 19:30	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		07/02/25 14:59	07/03/25 19:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*132*	*S1+*	*70 - 130*	*07/02/25 14:59*	*07/03/25 19:30*	*1*
1,4-Difluorobenzene (Surr)	*85*		*70 - 130*	*07/02/25 14:59*	*07/03/25 19:30*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00400	U	0.00400		mg/Kg			07/03/25 19:30	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			07/03/25 16:53	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	<50.0	U	50.0		mg/Kg		07/02/25 13:41	07/03/25 16:53	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		07/02/25 13:41	07/03/25 16:53	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		07/02/25 13:41	07/03/25 16:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*91*		*70 - 130*	*07/02/25 13:41*	*07/03/25 16:53*	*1*
o-Terphenyl	*102*		*70 - 130*	*07/02/25 13:41*	*07/03/25 16:53*	*1*

Eurofins Carlsbad

Client Sample Results

Client: Earth Systems Response and Restoration
Project/Site: Fadeaway Ridge Compressoner Station

Job ID: 890-8361-1
SDG: Eddy County, NM

Client Sample ID: HA - 6

Lab Sample ID: 890-8361-19
Matrix: Solid
Date Collected: 07/01/25 14:30
Date Received: 07/02/25 08:00
Sample Depth: 2

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	101		9.90		mg/Kg			07/03/25 17:25	1

Client Sample ID: HA - 6

Lab Sample ID: 890-8361-20
Matrix: Solid
Date Collected: 07/01/25 14:35
Date Received: 07/02/25 08:00
Sample Depth: 4

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		07/02/25 14:59	07/03/25 19:50	1
Toluene	<0.00200	U	0.00200		mg/Kg		07/02/25 14:59	07/03/25 19:50	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		07/02/25 14:59	07/03/25 19:50	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		07/02/25 14:59	07/03/25 19:50	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		07/02/25 14:59	07/03/25 19:50	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		07/02/25 14:59	07/03/25 19:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*124*		*70 - 130*	*07/02/25 14:59*	*07/03/25 19:50*	*1*
1,4-Difluorobenzene (Surr)	*91*		*70 - 130*	*07/02/25 14:59*	*07/03/25 19:50*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			07/03/25 19:50	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			07/03/25 17:08	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		07/02/25 13:41	07/03/25 17:08	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		07/02/25 13:41	07/03/25 17:08	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		07/02/25 13:41	07/03/25 17:08	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*91*		*70 - 130*	*07/02/25 13:41*	*07/03/25 17:08*	*1*
o-Terphenyl	*100*		*70 - 130*	*07/02/25 13:41*	*07/03/25 17:08*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	90.5		9.92		mg/Kg			07/03/25 17:32	1

Surrogate Summary

Client: Earth Systems Response and Restoration
Project/Site: Fadeaway Ridge Compressoner Station

Job ID: 890-8361-1
SDG: Eddy 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)										
890-8361-1	HA - 1	124	90										
890-8361-1 MS	HA - 1	114	95										
890-8361-1 MSD	HA - 1	120	94										
890-8361-2	HA - 1	117	87										
890-8361-3	HA - 1	123	86										
890-8361-4	HA - 2	114	90										
890-8361-5	HA - 2	118	88										
890-8361-6	HA - 2	117	90										
890-8361-7	HA - 3	120	87										
890-8361-8	HA - 3	117	90										
890-8361-9	HA - 3	126	85										
890-8361-10	HA - 4	123	86										
890-8361-11	HA - 4	130	88										
890-8361-12	HA - 4	119	89										
890-8361-13	HA - 4	132 S1+	90										
890-8361-14	HA - 4	128	88										
890-8361-15	HA - 5	544 S1+	97										
890-8361-16	HA - 5	130	86										
890-8361-17	HA - 5	120	86										
890-8361-18	HA - 6	126	90										
890-8361-19	HA - 6	132 S1+	85										
890-8361-20	HA - 6	124	91										
LCS 880-113564/1-A	Lab Control Sample	121	92										
LCS 880-113677/1-A	Lab Control Sample	97	100										
LCS 880-113678/1-A	Lab Control Sample	125	93										
LCSD 880-113564/2-A	Lab Control Sample Dup	121	93										
LCSD 880-113677/2-A	Lab Control Sample Dup	99	100										
LCSD 880-113678/2-A	Lab Control Sample Dup	126	93										
MB 880-113564/5-A	Method Blank	118	80										
MB 880-113677/5-A	Method Blank	99	85										
MB 880-113678/5-A	Method Blank	119	84										

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)										
890-8361-1	HA - 1	99	109										
890-8361-1 MS	HA - 1	116	119										
890-8361-1 MSD	HA - 1	115	120										
890-8361-2	HA - 1	94	105										
890-8361-3	HA - 1	96	106										
890-8361-4	HA - 2	94	104										
890-8361-5	HA - 2	98	107										
890-8361-6	HA - 2	95	101										

Surrogate Summary

Client: Earth Systems Response and Restoration
Job ID: 890-8361-1
Project/Site: Fadeaway Ridge Compressoner Station
SDG: Eddy County, NM

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

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

		Percent Surrogate Recovery (Acceptance Limits)									
		1CO1	OTPH1								
Lab Sample ID	Client Sample ID	(70-130)	(70-130)								
890-8361-7	HA - 3	95	105								
890-8361-8	HA - 3	94	104								
890-8361-9	HA - 3	94	104								
890-8361-10	HA - 4	93	104								
890-8361-11	HA - 4	95	105								
890-8361-12	HA - 4	95	105								
890-8361-13	HA - 4	94	104								
890-8361-14	HA - 4	92	102								
890-8361-15	HA - 5	127	158 S1+								
890-8361-16	HA - 5	96	109								
890-8361-17	HA - 5	91	102								
890-8361-18	HA - 6	92	102								
890-8361-19	HA - 6	91	102								
890-8361-20	HA - 6	91	100								
LCS 880-113557/2-A	Lab Control Sample	106	112								
MB 880-113557/1-A	Method Blank	74	84								

Surrogate Legend

1CO = 1-Chlorooctane

OTPH = o-Terphenyl

QC Sample Results

Client: Earth Systems Response and Restoration
Project/Site: Fadeaway Ridge Compressoner Station

Job ID: 890-8361-1
SDG: Eddy County, NM

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-113564/5-A
Matrix: Solid
Analysis Batch: 113583

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 113564

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		07/02/25 14:59	07/03/25 11:47	1
Toluene	<0.00200	U	0.00200		mg/Kg		07/02/25 14:59	07/03/25 11:47	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		07/02/25 14:59	07/03/25 11:47	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		07/02/25 14:59	07/03/25 11:47	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		07/02/25 14:59	07/03/25 11:47	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		07/02/25 14:59	07/03/25 11:47	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*118*		*70 - 130*	*07/02/25 14:59*	*07/03/25 11:47*	*1*
1,4-Difluorobenzene (Surr)	*80*		*70 - 130*	*07/02/25 14:59*	*07/03/25 11:47*	*1*

Lab Sample ID: LCS 880-113564/1-A
Matrix: Solid
Analysis Batch: 113583

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 113564

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.08166		mg/Kg		82	70 - 130
Toluene	0.100	0.07522		mg/Kg		75	70 - 130
Ethylbenzene	0.100	0.08108		mg/Kg		81	70 - 130
m-Xylene & p-Xylene	0.200	0.1593		mg/Kg		80	70 - 130
o-Xylene	0.100	0.08679		mg/Kg		87	70 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*121*		*70 - 130*
1,4-Difluorobenzene (Surr)	*92*		*70 - 130*

Lab Sample ID: LCSD 880-113564/2-A
Matrix: Solid
Analysis Batch: 113583

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 113564

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.08242		mg/Kg		82	70 - 130	1	35
Toluene	0.100	0.07581		mg/Kg		76	70 - 130	1	35
Ethylbenzene	0.100	0.08152		mg/Kg		82	70 - 130	1	35
m-Xylene & p-Xylene	0.200	0.1602		mg/Kg		80	70 - 130	1	35
o-Xylene	0.100	0.08736		mg/Kg		87	70 - 130	1	35

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*121*		*70 - 130*
1,4-Difluorobenzene (Surr)	*93*		*70 - 130*

Lab Sample ID: 890-8361-1 MS
Matrix: Solid
Analysis Batch: 113583

Client Sample ID: HA - 1
Prep Type: Total/NA
Prep Batch: 113564

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00200	U	0.100	0.08963		mg/Kg		90	70 - 130
Toluene	<0.00200	U	0.100	0.08089		mg/Kg		81	70 - 130

QC Sample Results

Client: Earth Systems Response and Restoration
Project/Site: Fadeaway Ridge Compressoner Station

Job ID: 890-8361-1
SDG: Eddy County, NM

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

Lab Sample ID: 890-8361-1 MS
Matrix: Solid
Analysis Batch: 113583

Client Sample ID: HA - 1
Prep Type: Total/NA
Prep Batch: 113564

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Ethylbenzene	<0.00200	U	0.100	0.08643		mg/Kg		86	70 - 130
m-Xylene & p-Xylene	<0.00400	U	0.200	0.1689		mg/Kg		84	70 - 130
o-Xylene	<0.00200	U	0.100	0.09051		mg/Kg		91	70 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*114*		*70 - 130*
1,4-Difluorobenzene (Surr)	*95*		*70 - 130*

Lab Sample ID: 890-8361-1 MSD
Matrix: Solid
Analysis Batch: 113583

Client Sample ID: HA - 1
Prep Type: Total/NA
Prep Batch: 113564

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	0.1031		mg/Kg		103	70 - 130	14	35
Toluene	<0.00200	U	0.100	0.09429		mg/Kg		94	70 - 130	15	35
Ethylbenzene	<0.00200	U	0.100	0.1011		mg/Kg		101	70 - 130	16	35
m-Xylene & p-Xylene	<0.00400	U	0.200	0.1973		mg/Kg		99	70 - 130	15	35
o-Xylene	<0.00200	U	0.100	0.1049		mg/Kg		105	70 - 130	15	35

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*120*		*70 - 130*
1,4-Difluorobenzene (Surr)	*94*		*70 - 130*

Lab Sample ID: MB 880-113677/5-A
Matrix: Solid
Analysis Batch: 113674

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 113677

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		07/07/25 09:39	07/07/25 11:38	1
Toluene	<0.00200	U	0.00200		mg/Kg		07/07/25 09:39	07/07/25 11:38	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		07/07/25 09:39	07/07/25 11:38	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		07/07/25 09:39	07/07/25 11:38	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		07/07/25 09:39	07/07/25 11:38	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		07/07/25 09:39	07/07/25 11:38	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*99*		*70 - 130*	*07/07/25 09:39*	*07/07/25 11:38*	*1*
1,4-Difluorobenzene (Surr)	*85*		*70 - 130*	*07/07/25 09:39*	*07/07/25 11:38*	*1*

Lab Sample ID: LCS 880-113677/1-A
Matrix: Solid
Analysis Batch: 113674

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 113677

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.09360		mg/Kg		94	70 - 130
Toluene	0.100	0.09203		mg/Kg		92	70 - 130
Ethylbenzene	0.100	0.1015		mg/Kg		102	70 - 130
m-Xylene & p-Xylene	0.200	0.2063		mg/Kg		103	70 - 130

Eurofins Carlsbad

QC Sample Results

Client: Earth Systems Response and Restoration
Project/Site: Fadeaway Ridge Compressoner Station

Job ID: 890-8361-1
SDG: Eddy County, NM

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

Lab Sample ID: LCS 880-113677/1-A
Matrix: Solid
Analysis Batch: 113674

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 113677

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
o-Xylene			0.100	0.1032		mg/Kg		103	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*97*		*70 - 130*
1,4-Difluorobenzene (Surr)	*100*		*70 - 130*

Lab Sample ID: LCSD 880-113677/2-A
Matrix: Solid
Analysis Batch: 113674

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 113677

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene			0.100	0.09427		mg/Kg		94	70 - 130	1	35
Toluene			0.100	0.09383		mg/Kg		94	70 - 130	2	35
Ethylbenzene			0.100	0.1043		mg/Kg		104	70 - 130	3	35
m-Xylene & p-Xylene			0.200	0.2141		mg/Kg		107	70 - 130	4	35
o-Xylene			0.100	0.1069		mg/Kg		107	70 - 130	4	35

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*99*		*70 - 130*
1,4-Difluorobenzene (Surr)	*100*		*70 - 130*

Lab Sample ID: MB 880-113678/5-A
Matrix: Solid
Analysis Batch: 113673

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 113678

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		07/07/25 09:45	07/07/25 11:36	1
Toluene	<0.00200	U	0.00200		mg/Kg		07/07/25 09:45	07/07/25 11:36	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		07/07/25 09:45	07/07/25 11:36	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		07/07/25 09:45	07/07/25 11:36	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		07/07/25 09:45	07/07/25 11:36	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		07/07/25 09:45	07/07/25 11:36	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*119*		*70 - 130*	*07/07/25 09:45*	*07/07/25 11:36*	*1*
1,4-Difluorobenzene (Surr)	*84*		*70 - 130*	*07/07/25 09:45*	*07/07/25 11:36*	*1*

Lab Sample ID: LCS 880-113678/1-A
Matrix: Solid
Analysis Batch: 113673

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 113678

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene			0.100	0.1115		mg/Kg		111	70 - 130		
Toluene			0.100	0.09895		mg/Kg		99	70 - 130		
Ethylbenzene			0.100	0.1053		mg/Kg		105	70 - 130		
m-Xylene & p-Xylene			0.200	0.2048		mg/Kg		102	70 - 130		
o-Xylene			0.100	0.1087		mg/Kg		109	70 - 130		

QC Sample Results

Client: Earth Systems Response and Restoration
Project/Site: Fadeaway Ridge Compressoner Station

Job ID: 890-8361-1
SDG: Eddy County, NM

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

Lab Sample ID: LCS 880-113678/1-A
Matrix: Solid
Analysis Batch: 113673

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 113678

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	125		70 - 130
1,4-Difluorobenzene (Surr)	93		70 - 130

Lab Sample ID: LCSD 880-113678/2-A
Matrix: Solid
Analysis Batch: 113673

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 113678

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene			0.100	0.1110		mg/Kg		111	70 - 130	0	35
Toluene			0.100	0.09823		mg/Kg		98	70 - 130	1	35
Ethylbenzene			0.100	0.1046		mg/Kg		105	70 - 130	1	35
m-Xylene & p-Xylene			0.200	0.2029		mg/Kg		101	70 - 130	1	35
o-Xylene			0.100	0.1084		mg/Kg		108	70 - 130	0	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	126		70 - 130
1,4-Difluorobenzene (Surr)	93		70 - 130

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

Lab Sample ID: MB 880-113557/1-A
Matrix: Solid
Analysis Batch: 113610

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 113557

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		07/02/25 13:40	07/03/25 07:57	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		07/02/25 13:40	07/03/25 07:57	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		07/02/25 13:40	07/03/25 07:57	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	74		70 - 130	07/02/25 13:40	07/03/25 07:57	1
o-Terphenyl	84		70 - 130	07/02/25 13:40	07/03/25 07:57	1

Lab Sample ID: LCS 880-113557/2-A
Matrix: Solid
Analysis Batch: 113610

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 113557

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10			1000	1149		mg/Kg		115	70 - 130
Diesel Range Organics (Over C10-C28)			1000	1277		mg/Kg		128	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1-Chlorooctane	106		70 - 130
o-Terphenyl	112		70 - 130

QC Sample Results

Client: Earth Systems Response and Restoration
Project/Site: Fadeaway Ridge Compressoner Station

Job ID: 890-8361-1
SDG: Eddy County, NM

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

Lab Sample ID: 890-8361-1 MS
Matrix: Solid
Analysis Batch: 113610

Client Sample ID: HA - 1
Prep Type: Total/NA
Prep Batch: 113557

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	996	1119		mg/Kg		112	70 - 130
Diesel Range Organics (Over C10-C28)	<49.9	U	996	1201		mg/Kg		121	70 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1-Chlorooctane	*116*		*70 - 130*
o-Terphenyl	*119*		*70 - 130*

Lab Sample ID: 890-8361-1 MSD
Matrix: Solid
Analysis Batch: 113610

Client Sample ID: HA - 1
Prep Type: Total/NA
Prep Batch: 113557

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	996	1087		mg/Kg		109	70 - 130	3	20
Diesel Range Organics (Over C10-C28)	<49.9	U	996	1184		mg/Kg		119	70 - 130	1	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1-Chlorooctane	*115*		*70 - 130*
o-Terphenyl	*120*		*70 - 130*

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-113588/1-A
Matrix: Solid
Analysis Batch: 113614

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			07/03/25 11:45	1

Lab Sample ID: LCS 880-113588/2-A
Matrix: Solid
Analysis Batch: 113614

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	253.7		mg/Kg		101	90 - 110

Lab Sample ID: LCSD 880-113588/3-A
Matrix: Solid
Analysis Batch: 113614

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

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	250	254.1		mg/Kg		102	90 - 110	0	20

QC Sample Results

Client: Earth Systems Response and Restoration
Project/Site: Fadeaway Ridge Compressoner Station

Job ID: 890-8361-1
SDG: Eddy County, NM

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: MB 880-113589/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 113620

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0		mg/Kg			07/03/25 14:32	1

Lab Sample ID: LCS 880-113589/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 113620

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride			250	240.0		mg/Kg		96	90 - 110		

Lab Sample ID: LCSD 880-113589/3-A — **Client Sample ID: Lab Control Sample Dup**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 113620

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride			250	244.0		mg/Kg		98	90 - 110	2	20

Lab Sample ID: 890-8361-6 MS — **Client Sample ID: HA - 2**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 113620

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	194		252	440.5		mg/Kg		98	90 - 110		

Lab Sample ID: 890-8361-6 MSD — **Client Sample ID: HA - 2**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 113620

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	194		252	432.0		mg/Kg		94	90 - 110	2	20

Lab Sample ID: 890-8361-16 MS — **Client Sample ID: HA - 5**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 113620

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	167		251	419.7		mg/Kg		101	90 - 110		

Lab Sample ID: 890-8361-16 MSD — **Client Sample ID: HA - 5**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 113620

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	167		251	410.4		mg/Kg		97	90 - 110	2	20

QC Association Summary

Client: Earth Systems Response and Restoration
Project/Site: Fadeaway Ridge Compressoner Station

Job ID: 890-8361-1
SDG: Eddy County, NM

GC VOA

Prep Batch: 113564

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8361-1	HA - 1	Total/NA	Solid	5035	
890-8361-2	HA - 1	Total/NA	Solid	5035	
890-8361-3	HA - 1	Total/NA	Solid	5035	
890-8361-4	HA - 2	Total/NA	Solid	5035	
890-8361-5	HA - 2	Total/NA	Solid	5035	
890-8361-6	HA - 2	Total/NA	Solid	5035	
890-8361-7	HA - 3	Total/NA	Solid	5035	
890-8361-8	HA - 3	Total/NA	Solid	5035	
890-8361-9	HA - 3	Total/NA	Solid	5035	
890-8361-10	HA - 4	Total/NA	Solid	5035	
890-8361-11	HA - 4	Total/NA	Solid	5035	
890-8361-12	HA - 4	Total/NA	Solid	5035	
890-8361-13	HA - 4	Total/NA	Solid	5035	
890-8361-14	HA - 4	Total/NA	Solid	5035	
890-8361-15	HA - 5	Total/NA	Solid	5035	
890-8361-17	HA - 5	Total/NA	Solid	5035	
890-8361-18	HA - 6	Total/NA	Solid	5035	
890-8361-19	HA - 6	Total/NA	Solid	5035	
890-8361-20	HA - 6	Total/NA	Solid	5035	
MB 880-113564/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-113564/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-113564/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-8361-1 MS	HA - 1	Total/NA	Solid	5035	
890-8361-1 MSD	HA - 1	Total/NA	Solid	5035	

Analysis Batch: 113583

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8361-1	HA - 1	Total/NA	Solid	8021B	113564
890-8361-2	HA - 1	Total/NA	Solid	8021B	113564
890-8361-3	HA - 1	Total/NA	Solid	8021B	113564
890-8361-4	HA - 2	Total/NA	Solid	8021B	113564
890-8361-5	HA - 2	Total/NA	Solid	8021B	113564
890-8361-6	HA - 2	Total/NA	Solid	8021B	113564
890-8361-7	HA - 3	Total/NA	Solid	8021B	113564
890-8361-8	HA - 3	Total/NA	Solid	8021B	113564
890-8361-9	HA - 3	Total/NA	Solid	8021B	113564
890-8361-10	HA - 4	Total/NA	Solid	8021B	113564
890-8361-11	HA - 4	Total/NA	Solid	8021B	113564
890-8361-12	HA - 4	Total/NA	Solid	8021B	113564
890-8361-13	HA - 4	Total/NA	Solid	8021B	113564
890-8361-14	HA - 4	Total/NA	Solid	8021B	113564
890-8361-15	HA - 5	Total/NA	Solid	8021B	113564
890-8361-17	HA - 5	Total/NA	Solid	8021B	113564
890-8361-18	HA - 6	Total/NA	Solid	8021B	113564
890-8361-19	HA - 6	Total/NA	Solid	8021B	113564
890-8361-20	HA - 6	Total/NA	Solid	8021B	113564
MB 880-113564/5-A	Method Blank	Total/NA	Solid	8021B	113564
LCS 880-113564/1-A	Lab Control Sample	Total/NA	Solid	8021B	113564
LCSD 880-113564/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	113564
890-8361-1 MS	HA - 1	Total/NA	Solid	8021B	113564
890-8361-1 MSD	HA - 1	Total/NA	Solid	8021B	113564

QC Association Summary

Client: Earth Systems Response and Restoration
Project/Site: Fadeaway Ridge Compressoner Station

Job ID: 890-8361-1
SDG: Eddy County, NM

GC VOA

Analysis Batch: 113673

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8361-16	HA - 5	Total/NA	Solid	8021B	113678
MB 880-113678/5-A	Method Blank	Total/NA	Solid	8021B	113678
LCS 880-113678/1-A	Lab Control Sample	Total/NA	Solid	8021B	113678
LCSD 880-113678/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	113678

Analysis Batch: 113674

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8361-15	HA - 5	Total/NA	Solid	8021B	113677
MB 880-113677/5-A	Method Blank	Total/NA	Solid	8021B	113677
LCS 880-113677/1-A	Lab Control Sample	Total/NA	Solid	8021B	113677
LCSD 880-113677/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	113677

Prep Batch: 113677

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8361-15	HA - 5	Total/NA	Solid	5035	
MB 880-113677/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-113677/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-113677/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	

Prep Batch: 113678

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8361-16	HA - 5	Total/NA	Solid	5035	
MB 880-113678/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-113678/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-113678/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	

Analysis Batch: 113723

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8361-1	HA - 1	Total/NA	Solid	Total BTEX	
890-8361-2	HA - 1	Total/NA	Solid	Total BTEX	
890-8361-3	HA - 1	Total/NA	Solid	Total BTEX	
890-8361-4	HA - 2	Total/NA	Solid	Total BTEX	
890-8361-5	HA - 2	Total/NA	Solid	Total BTEX	
890-8361-6	HA - 2	Total/NA	Solid	Total BTEX	
890-8361-7	HA - 3	Total/NA	Solid	Total BTEX	
890-8361-8	HA - 3	Total/NA	Solid	Total BTEX	
890-8361-9	HA - 3	Total/NA	Solid	Total BTEX	
890-8361-10	HA - 4	Total/NA	Solid	Total BTEX	
890-8361-11	HA - 4	Total/NA	Solid	Total BTEX	
890-8361-12	HA - 4	Total/NA	Solid	Total BTEX	
890-8361-13	HA - 4	Total/NA	Solid	Total BTEX	
890-8361-14	HA - 4	Total/NA	Solid	Total BTEX	
890-8361-15	HA - 5	Total/NA	Solid	Total BTEX	
890-8361-16	HA - 5	Total/NA	Solid	Total BTEX	
890-8361-17	HA - 5	Total/NA	Solid	Total BTEX	
890-8361-18	HA - 6	Total/NA	Solid	Total BTEX	
890-8361-19	HA - 6	Total/NA	Solid	Total BTEX	
890-8361-20	HA - 6	Total/NA	Solid	Total BTEX	

QC Association Summary

Client: Earth Systems Response and Restoration
Project/Site: Fadeaway Ridge Compressoner Station

Job ID: 890-8361-1
SDG: Eddy County, NM

GC Semi VOA

Prep Batch: 113557

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8361-1	HA - 1	Total/NA	Solid	8015NM Prep	
890-8361-2	HA - 1	Total/NA	Solid	8015NM Prep	
890-8361-3	HA - 1	Total/NA	Solid	8015NM Prep	
890-8361-4	HA - 2	Total/NA	Solid	8015NM Prep	
890-8361-5	HA - 2	Total/NA	Solid	8015NM Prep	
890-8361-6	HA - 2	Total/NA	Solid	8015NM Prep	
890-8361-7	HA - 3	Total/NA	Solid	8015NM Prep	
890-8361-8	HA - 3	Total/NA	Solid	8015NM Prep	
890-8361-9	HA - 3	Total/NA	Solid	8015NM Prep	
890-8361-10	HA - 4	Total/NA	Solid	8015NM Prep	
890-8361-11	HA - 4	Total/NA	Solid	8015NM Prep	
890-8361-12	HA - 4	Total/NA	Solid	8015NM Prep	
890-8361-13	HA - 4	Total/NA	Solid	8015NM Prep	
890-8361-14	HA - 4	Total/NA	Solid	8015NM Prep	
890-8361-15	HA - 5	Total/NA	Solid	8015NM Prep	
890-8361-16	HA - 5	Total/NA	Solid	8015NM Prep	
890-8361-17	HA - 5	Total/NA	Solid	8015NM Prep	
890-8361-18	HA - 6	Total/NA	Solid	8015NM Prep	
890-8361-19	HA - 6	Total/NA	Solid	8015NM Prep	
890-8361-20	HA - 6	Total/NA	Solid	8015NM Prep	
MB 880-113557/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-113557/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
890-8361-1 MS	HA - 1	Total/NA	Solid	8015NM Prep	
890-8361-1 MSD	HA - 1	Total/NA	Solid	8015NM Prep	

Analysis Batch: 113610

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8361-1	HA - 1	Total/NA	Solid	8015B NM	113557
890-8361-2	HA - 1	Total/NA	Solid	8015B NM	113557
890-8361-3	HA - 1	Total/NA	Solid	8015B NM	113557
890-8361-4	HA - 2	Total/NA	Solid	8015B NM	113557
890-8361-5	HA - 2	Total/NA	Solid	8015B NM	113557
890-8361-6	HA - 2	Total/NA	Solid	8015B NM	113557
890-8361-7	HA - 3	Total/NA	Solid	8015B NM	113557
890-8361-8	HA - 3	Total/NA	Solid	8015B NM	113557
890-8361-9	HA - 3	Total/NA	Solid	8015B NM	113557
890-8361-10	HA - 4	Total/NA	Solid	8015B NM	113557
890-8361-11	HA - 4	Total/NA	Solid	8015B NM	113557
890-8361-12	HA - 4	Total/NA	Solid	8015B NM	113557
890-8361-13	HA - 4	Total/NA	Solid	8015B NM	113557
890-8361-14	HA - 4	Total/NA	Solid	8015B NM	113557
890-8361-15	HA - 5	Total/NA	Solid	8015B NM	113557
890-8361-16	HA - 5	Total/NA	Solid	8015B NM	113557
890-8361-17	HA - 5	Total/NA	Solid	8015B NM	113557
890-8361-18	HA - 6	Total/NA	Solid	8015B NM	113557
890-8361-19	HA - 6	Total/NA	Solid	8015B NM	113557
890-8361-20	HA - 6	Total/NA	Solid	8015B NM	113557
MB 880-113557/1-A	Method Blank	Total/NA	Solid	8015B NM	113557
LCS 880-113557/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	113557
890-8361-1 MS	HA - 1	Total/NA	Solid	8015B NM	113557
890-8361-1 MSD	HA - 1	Total/NA	Solid	8015B NM	113557

QC Association Summary

Client: Earth Systems Response and Restoration
Job ID: 890-8361-1
Project/Site: Fadeaway Ridge Compressoner Station
SDG: Eddy County, NM

GC Semi VOA

Analysis Batch: 113686

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8361-1	HA - 1	Total/NA	Solid	8015 NM	
890-8361-2	HA - 1	Total/NA	Solid	8015 NM	
890-8361-3	HA - 1	Total/NA	Solid	8015 NM	
890-8361-4	HA - 2	Total/NA	Solid	8015 NM	
890-8361-5	HA - 2	Total/NA	Solid	8015 NM	
890-8361-6	HA - 2	Total/NA	Solid	8015 NM	
890-8361-7	HA - 3	Total/NA	Solid	8015 NM	
890-8361-8	HA - 3	Total/NA	Solid	8015 NM	
890-8361-9	HA - 3	Total/NA	Solid	8015 NM	
890-8361-10	HA - 4	Total/NA	Solid	8015 NM	
890-8361-11	HA - 4	Total/NA	Solid	8015 NM	
890-8361-12	HA - 4	Total/NA	Solid	8015 NM	
890-8361-13	HA - 4	Total/NA	Solid	8015 NM	
890-8361-14	HA - 4	Total/NA	Solid	8015 NM	
890-8361-15	HA - 5	Total/NA	Solid	8015 NM	
890-8361-16	HA - 5	Total/NA	Solid	8015 NM	
890-8361-17	HA - 5	Total/NA	Solid	8015 NM	
890-8361-18	HA - 6	Total/NA	Solid	8015 NM	
890-8361-19	HA - 6	Total/NA	Solid	8015 NM	
890-8361-20	HA - 6	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 113588

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8361-1	HA - 1	Soluble	Solid	DI Leach	
890-8361-2	HA - 1	Soluble	Solid	DI Leach	
890-8361-3	HA - 1	Soluble	Solid	DI Leach	
890-8361-4	HA - 2	Soluble	Solid	DI Leach	
890-8361-5	HA - 2	Soluble	Solid	DI Leach	
MB 880-113588/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-113588/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-113588/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	

Leach Batch: 113589

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8361-6	HA - 2	Soluble	Solid	DI Leach	
890-8361-7	HA - 3	Soluble	Solid	DI Leach	
890-8361-8	HA - 3	Soluble	Solid	DI Leach	
890-8361-9	HA - 3	Soluble	Solid	DI Leach	
890-8361-10	HA - 4	Soluble	Solid	DI Leach	
890-8361-11	HA - 4	Soluble	Solid	DI Leach	
890-8361-12	HA - 4	Soluble	Solid	DI Leach	
890-8361-13	HA - 4	Soluble	Solid	DI Leach	
890-8361-14	HA - 4	Soluble	Solid	DI Leach	
890-8361-15	HA - 5	Soluble	Solid	DI Leach	
890-8361-16	HA - 5	Soluble	Solid	DI Leach	
890-8361-17	HA - 5	Soluble	Solid	DI Leach	
890-8361-18	HA - 6	Soluble	Solid	DI Leach	
890-8361-19	HA - 6	Soluble	Solid	DI Leach	
890-8361-20	HA - 6	Soluble	Solid	DI Leach	

QC Association Summary

Client: Earth Systems Response and Restoration
Project/Site: Fadeaway Ridge Compressoner Station

Job ID: 890-8361-1
SDG: Eddy County, NM

HPLC/IC (Continued)

Leach Batch: 113589 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-113589/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-113589/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-113589/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
890-8361-6 MS	HA - 2	Soluble	Solid	DI Leach	
890-8361-6 MSD	HA - 2	Soluble	Solid	DI Leach	
890-8361-16 MS	HA - 5	Soluble	Solid	DI Leach	
890-8361-16 MSD	HA - 5	Soluble	Solid	DI Leach	

Analysis Batch: 113614

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8361-1	HA - 1	Soluble	Solid	300.0	113588
890-8361-2	HA - 1	Soluble	Solid	300.0	113588
890-8361-3	HA - 1	Soluble	Solid	300.0	113588
890-8361-4	HA - 2	Soluble	Solid	300.0	113588
890-8361-5	HA - 2	Soluble	Solid	300.0	113588
MB 880-113588/1-A	Method Blank	Soluble	Solid	300.0	113588
LCS 880-113588/2-A	Lab Control Sample	Soluble	Solid	300.0	113588
LCSD 880-113588/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	113588

Analysis Batch: 113620

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8361-6	HA - 2	Soluble	Solid	300.0	113589
890-8361-7	HA - 3	Soluble	Solid	300.0	113589
890-8361-8	HA - 3	Soluble	Solid	300.0	113589
890-8361-9	HA - 3	Soluble	Solid	300.0	113589
890-8361-10	HA - 4	Soluble	Solid	300.0	113589
890-8361-11	HA - 4	Soluble	Solid	300.0	113589
890-8361-12	HA - 4	Soluble	Solid	300.0	113589
890-8361-13	HA - 4	Soluble	Solid	300.0	113589
890-8361-14	HA - 4	Soluble	Solid	300.0	113589
890-8361-15	HA - 5	Soluble	Solid	300.0	113589
890-8361-16	HA - 5	Soluble	Solid	300.0	113589
890-8361-17	HA - 5	Soluble	Solid	300.0	113589
890-8361-18	HA - 6	Soluble	Solid	300.0	113589
890-8361-19	HA - 6	Soluble	Solid	300.0	113589
890-8361-20	HA - 6	Soluble	Solid	300.0	113589
MB 880-113589/1-A	Method Blank	Soluble	Solid	300.0	113589
LCS 880-113589/2-A	Lab Control Sample	Soluble	Solid	300.0	113589
LCSD 880-113589/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	113589
890-8361-6 MS	HA - 2	Soluble	Solid	300.0	113589
890-8361-6 MSD	HA - 2	Soluble	Solid	300.0	113589
890-8361-16 MS	HA - 5	Soluble	Solid	300.0	113589
890-8361-16 MSD	HA - 5	Soluble	Solid	300.0	113589

Lab Chronicle

Client: Earth Systems Response and Restoration
Project/Site: Fadeaway Ridge Compressoner Station

Job ID: 890-8361-1
SDG: Eddy County, NM

Client Sample ID: HA - 1

Lab Sample ID: 890-8361-1
Matrix: Solid
Date Collected: 07/01/25 13:00
Date Received: 07/02/25 08:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	113564	07/02/25 14:59	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	113583	07/03/25 12:09	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			113723	07/03/25 12:09	SA	EET MID
Total/NA	Analysis	8015 NM		1			113686	07/03/25 10:25	SA	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	113557	07/02/25 13:41	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	113610	07/03/25 10:25	TKC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	113588	07/03/25 09:21	SA	EET MID
Soluble	Analysis	300.0		1			113614	07/03/25 14:13	SMC	EET MID

Client Sample ID: HA - 1

Lab Sample ID: 890-8361-2
Matrix: Solid
Date Collected: 07/01/25 13:05
Date Received: 07/02/25 08:00

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	113564	07/02/25 14:59	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	113583	07/03/25 12:29	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			113723	07/03/25 12:29	SA	EET MID
Total/NA	Analysis	8015 NM		1			113686	07/03/25 11:08	SA	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10 mL	113557	07/02/25 13:41	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	113610	07/03/25 11:08	TKC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	113588	07/03/25 09:21	SA	EET MID
Soluble	Analysis	300.0		1			113614	07/03/25 14:18	SMC	EET MID

Client Sample ID: HA - 1

Lab Sample ID: 890-8361-3
Matrix: Solid
Date Collected: 07/01/25 13:10
Date Received: 07/02/25 08:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	113564	07/02/25 14:59	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	113583	07/03/25 12:50	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			113723	07/03/25 12:50	SA	EET MID
Total/NA	Analysis	8015 NM		1			113686	07/03/25 11:22	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	113557	07/02/25 13:41	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	113610	07/03/25 11:22	TKC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	113588	07/03/25 09:21	SA	EET MID
Soluble	Analysis	300.0		1			113614	07/03/25 14:24	SMC	EET MID

Client Sample ID: HA - 2

Lab Sample ID: 890-8361-4
Matrix: Solid
Date Collected: 07/01/25 13:15
Date Received: 07/02/25 08:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	113564	07/02/25 14:59	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	113583	07/03/25 13:10	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			113723	07/03/25 13:10	SA	EET MID

Lab Chronicle

Client: Earth Systems Response and Restoration
Job ID: 890-8361-1
Project/Site: Fadeaway Ridge Compressoner Station
SDG: Eddy County, NM

Client Sample ID: HA - 2
Lab Sample ID: 890-8361-4
Date Collected: 07/01/25 13:15
Matrix: Solid
Date Received: 07/02/25 08:00

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			113686	07/03/25 11:37	SA	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	113557	07/02/25 13:41	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	113610	07/03/25 11:37	TKC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	113588	07/03/25 09:21	SA	EET MID
Soluble	Analysis	300.0		1			113614	07/03/25 14:30	SMC	EET MID

Client Sample ID: HA - 2
Lab Sample ID: 890-8361-5
Date Collected: 07/01/25 13:20
Matrix: Solid
Date Received: 07/02/25 08:00

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	113564	07/02/25 14:59	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	113583	07/03/25 13:31	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			113723	07/03/25 13:31	SA	EET MID
Total/NA	Analysis	8015 NM		1			113686	07/03/25 11:51	SA	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	113557	07/02/25 13:41	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	113610	07/03/25 11:51	TKC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	113588	07/03/25 09:21	SA	EET MID
Soluble	Analysis	300.0		1			113614	07/03/25 14:35	SMC	EET MID

Client Sample ID: HA - 2
Lab Sample ID: 890-8361-6
Date Collected: 07/01/25 13:25
Matrix: Solid
Date Received: 07/02/25 08:00

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	113564	07/02/25 14:59	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	113583	07/03/25 13:51	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			113723	07/03/25 13:51	SA	EET MID
Total/NA	Analysis	8015 NM		1			113686	07/03/25 13:28	SA	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	113557	07/02/25 13:41	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	113610	07/03/25 13:28	TKC	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	113589	07/03/25 09:26	SA	EET MID
Soluble	Analysis	300.0		1			113620	07/03/25 14:54	SMC	EET MID

Client Sample ID: HA - 3
Lab Sample ID: 890-8361-7
Date Collected: 07/01/25 13:30
Matrix: Solid
Date Received: 07/02/25 08:00

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	113564	07/02/25 14:59	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	113583	07/03/25 14:11	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			113723	07/03/25 14:11	SA	EET MID
Total/NA	Analysis	8015 NM		1			113686	07/03/25 13:42	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	113557	07/02/25 13:41	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	113610	07/03/25 13:42	TKC	EET MID

Eurofins Carlsbad

Lab Chronicle

Client: Earth Systems Response and Restoration
Job ID: 890-8361-1
Project/Site: Fadeaway Ridge Compressoner Station
SDG: Eddy County, NM

Client Sample ID: HA - 3
Lab Sample ID: 890-8361-7
Date Collected: 07/01/25 13:30
Matrix: Solid
Date Received: 07/02/25 08:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			4.98 g	50 mL	113589	07/03/25 09:26	SA	EET MID
Soluble	Analysis	300.0		1			113620	07/03/25 15:15	SMC	EET MID

Client Sample ID: HA - 3
Lab Sample ID: 890-8361-8
Date Collected: 07/01/25 13:35
Matrix: Solid
Date Received: 07/02/25 08:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	113564	07/02/25 14:59	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	113583	07/03/25 14:32	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			113723	07/03/25 14:32	SA	EET MID
Total/NA	Analysis	8015 NM		1			113686	07/03/25 13:56	SA	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	113557	07/02/25 13:41	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	113610	07/03/25 13:56	TKC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	113589	07/03/25 09:26	SA	EET MID
Soluble	Analysis	300.0		1			113620	07/03/25 15:22	SMC	EET MID

Client Sample ID: HA - 3
Lab Sample ID: 890-8361-9
Date Collected: 07/01/25 13:40
Matrix: Solid
Date Received: 07/02/25 08:00

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	113564	07/02/25 14:59	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	113583	07/03/25 14:52	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			113723	07/03/25 14:52	SA	EET MID
Total/NA	Analysis	8015 NM		1			113686	07/03/25 14:11	SA	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	113557	07/02/25 13:41	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	113610	07/03/25 14:11	TKC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	113589	07/03/25 09:26	SA	EET MID
Soluble	Analysis	300.0		1			113620	07/03/25 15:30	SMC	EET MID

Client Sample ID: HA - 4
Lab Sample ID: 890-8361-10
Date Collected: 07/01/25 13:45
Matrix: Solid
Date Received: 07/02/25 08:00

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	113564	07/02/25 14:59	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	113583	07/03/25 15:13	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			113723	07/03/25 15:13	SA	EET MID
Total/NA	Analysis	8015 NM		1			113686	07/03/25 14:27	SA	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	113557	07/02/25 13:41	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	113610	07/03/25 14:27	TKC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	113589	07/03/25 09:26	SA	EET MID
Soluble	Analysis	300.0		1			113620	07/03/25 15:37	SMC	EET MID

Lab Chronicle

Client: Earth Systems Response and Restoration
Project/Site: Fadeaway Ridge Compressoner Station

Job ID: 890-8361-1
SDG: Eddy County, NM

Client Sample ID: HA - 4

Lab Sample ID: 890-8361-11
Matrix: Solid
Date Collected: 07/01/25 13:50
Date Received: 07/02/25 08:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	113564	07/02/25 14:59	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	113583	07/03/25 16:46	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			113723	07/03/25 16:46	SA	EET MID
Total/NA	Analysis	8015 NM		1			113686	07/03/25 14:55	SA	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	113557	07/02/25 13:41	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	113610	07/03/25 14:55	TKC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	113589	07/03/25 09:26	SA	EET MID
Soluble	Analysis	300.0		1			113620	07/03/25 15:58	SMC	EET MID

Client Sample ID: HA - 4

Lab Sample ID: 890-8361-12
Matrix: Solid
Date Collected: 07/01/25 13:55
Date Received: 07/02/25 08:00

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	113564	07/02/25 14:59	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	113583	07/03/25 17:07	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			113723	07/03/25 17:07	SA	EET MID
Total/NA	Analysis	8015 NM		1			113686	07/03/25 15:10	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	113557	07/02/25 13:41	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	113610	07/03/25 15:10	TKC	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	113589	07/03/25 09:26	SA	EET MID
Soluble	Analysis	300.0		1			113620	07/03/25 16:06	SMC	EET MID

Client Sample ID: HA - 4

Lab Sample ID: 890-8361-13
Matrix: Solid
Date Collected: 07/01/25 14:00
Date Received: 07/02/25 08:00

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	113564	07/02/25 14:59	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	113583	07/03/25 17:27	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			113723	07/03/25 17:27	SA	EET MID
Total/NA	Analysis	8015 NM		1			113686	07/03/25 15:24	SA	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	113557	07/02/25 13:41	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	113610	07/03/25 15:24	TKC	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	113589	07/03/25 09:26	SA	EET MID
Soluble	Analysis	300.0		1			113620	07/03/25 16:13	SMC	EET MID

Client Sample ID: HA - 4

Lab Sample ID: 890-8361-14
Matrix: Solid
Date Collected: 07/01/25 14:05
Date Received: 07/02/25 08:00

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	113564	07/02/25 14:59	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	113583	07/03/25 17:48	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			113723	07/03/25 17:48	SA	EET MID

Lab Chronicle

Client: Earth Systems Response and Restoration
Job ID: 890-8361-1
Project/Site: Fadeaway Ridge Compressoner Station
SDG: Eddy County, NM

Client Sample ID: HA - 4
Lab Sample ID: 890-8361-14
Date Collected: 07/01/25 14:05
Matrix: Solid
Date Received: 07/02/25 08:00

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			113686	07/03/25 15:40	SA	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10 mL	113557	07/02/25 13:41	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	113610	07/03/25 15:40	TKC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	113589	07/03/25 09:26	SA	EET MID
Soluble	Analysis	300.0		1			113620	07/03/25 16:20	SMC	EET MID

Client Sample ID: HA - 5
Lab Sample ID: 890-8361-15
Date Collected: 07/01/25 14:10
Matrix: Solid
Date Received: 07/02/25 08:00

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	113677	07/07/25 09:39	MNR	EET MID
Total/NA	Analysis	8021B		100	5 mL	5 mL	113674	07/07/25 19:42	MNR	EET MID
Total/NA	Prep	5035			4.99 g	5 mL	113564	07/02/25 14:59	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	113583	07/03/25 18:08	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			113723	07/07/25 19:42	SA	EET MID
Total/NA	Analysis	8015 NM		1			113686	07/03/25 15:54	SA	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	113557	07/02/25 13:41	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	113610	07/03/25 15:54	TKC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	113589	07/03/25 09:26	SA	EET MID
Soluble	Analysis	300.0		1			113620	07/03/25 16:27	SMC	EET MID

Client Sample ID: HA - 5
Lab Sample ID: 890-8361-16
Date Collected: 07/01/25 14:15
Matrix: Solid
Date Received: 07/02/25 08:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.96 g	5 mL	113678	07/07/25 09:45	MNR	EET MID
Total/NA	Analysis	8021B		20	5 mL	5 mL	113673	07/07/25 19:21	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			113723	07/07/25 19:21	SA	EET MID
Total/NA	Analysis	8015 NM		1			113686	07/03/25 16:09	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	113557	07/02/25 13:41	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	113610	07/03/25 16:09	TKC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	113589	07/03/25 09:26	SA	EET MID
Soluble	Analysis	300.0		1			113620	07/03/25 16:34	SMC	EET MID

Client Sample ID: HA - 5
Lab Sample ID: 890-8361-17
Date Collected: 07/01/25 14:20
Matrix: Solid
Date Received: 07/02/25 08:00

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	113564	07/02/25 14:59	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	113583	07/03/25 18:49	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			113723	07/03/25 18:49	SA	EET MID
Total/NA	Analysis	8015 NM		1			113686	07/03/25 16:24	SA	EET MID

Lab Chronicle

Client: Earth Systems Response and Restoration
Project/Site: Fadeaway Ridge Compressoner Station

Job ID: 890-8361-1
SDG: Eddy County, NM

Client Sample ID: HA - 5

Lab Sample ID: 890-8361-17
Matrix: Solid
Date Collected: 07/01/25 14:20
Date Received: 07/02/25 08:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	113557	07/02/25 13:41	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	113610	07/03/25 16:24	TKC	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	113589	07/03/25 09:26	SA	EET MID
Soluble	Analysis	300.0		1			113620	07/03/25 16:56	SMC	EET MID

Client Sample ID: HA - 6

Lab Sample ID: 890-8361-18
Matrix: Solid
Date Collected: 07/01/25 14:25
Date Received: 07/02/25 08:00

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	113564	07/02/25 14:59	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	113583	07/03/25 19:09	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			113723	07/03/25 19:09	SA	EET MID
Total/NA	Analysis	8015 NM		1			113686	07/03/25 16:38	SA	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	113557	07/02/25 13:41	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	113610	07/03/25 16:38	TKC	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	113589	07/03/25 09:26	SA	EET MID
Soluble	Analysis	300.0		1			113620	07/03/25 17:03	SMC	EET MID

Client Sample ID: HA - 6

Lab Sample ID: 890-8361-19
Matrix: Solid
Date Collected: 07/01/25 14:30
Date Received: 07/02/25 08:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	113564	07/02/25 14:59	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	113583	07/03/25 19:30	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			113723	07/03/25 19:30	SA	EET MID
Total/NA	Analysis	8015 NM		1			113686	07/03/25 16:53	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	113557	07/02/25 13:41	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	113610	07/03/25 16:53	TKC	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	113589	07/03/25 09:26	SA	EET MID
Soluble	Analysis	300.0		1			113620	07/03/25 17:25	SMC	EET MID

Client Sample ID: HA - 6

Lab Sample ID: 890-8361-20
Matrix: Solid
Date Collected: 07/01/25 14:35
Date Received: 07/02/25 08:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	113564	07/02/25 14:59	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	113583	07/03/25 19:50	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			113723	07/03/25 19:50	SA	EET MID
Total/NA	Analysis	8015 NM		1			113686	07/03/25 17:08	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	113557	07/02/25 13:41	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	113610	07/03/25 17:08	TKC	EET MID

Lab Chronicle

Client: Earth Systems Response and Restoration
Job ID: 890-8361-1
Project/Site: Fadeaway Ridge Compressoner Station
SDG: Eddy County, NM

Client Sample ID: HA - 6
Lab Sample ID: 890-8361-20

Date Collected: 07/01/25 14:35
Matrix: Solid

Date Received: 07/02/25 08:00

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	113589	07/03/25 09:26	SA	EET MID
Soluble	Analysis	300.0		1			113620	07/03/25 17:32	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: 890-8361-1
Project/Site: Fadeaway Ridge Compressoner Station
SDG: Eddy 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
Job ID: 890-8361-1
Project/Site: Fadeaway Ridge Compressoner Station
SDG: Eddy 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: Fadeaway Ridge Compressoner Station

Job ID: 890-8361-1
SDG: Eddy County, NM

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Depth
890-8361-1	HA - 1	Solid	07/01/25 13:00	07/02/25 08:00	0.5
890-8361-2	HA - 1	Solid	07/01/25 13:05	07/02/25 08:00	2
890-8361-3	HA - 1	Solid	07/01/25 13:10	07/02/25 08:00	4
890-8361-4	HA - 2	Solid	07/01/25 13:15	07/02/25 08:00	0.5
890-8361-5	HA - 2	Solid	07/01/25 13:20	07/02/25 08:00	2
890-8361-6	HA - 2	Solid	07/01/25 13:25	07/02/25 08:00	4
890-8361-7	HA - 3	Solid	07/01/25 13:30	07/02/25 08:00	0.5
890-8361-8	HA - 3	Solid	07/01/25 13:35	07/02/25 08:00	2
890-8361-9	HA - 3	Solid	07/01/25 13:40	07/02/25 08:00	4
890-8361-10	HA - 4	Solid	07/01/25 13:45	07/02/25 08:00	0.5
890-8361-11	HA - 4	Solid	07/01/25 13:50	07/02/25 08:00	2
890-8361-12	HA - 4	Solid	07/01/25 13:55	07/02/25 08:00	4
890-8361-13	HA - 4	Solid	07/01/25 14:00	07/02/25 08:00	6
890-8361-14	HA - 4	Solid	07/01/25 14:05	07/02/25 08:00	8
890-8361-15	HA - 5	Solid	07/01/25 14:10	07/02/25 08:00	0.5
890-8361-16	HA - 5	Solid	07/01/25 14:15	07/02/25 08:00	2
890-8361-17	HA - 5	Solid	07/01/25 14:20	07/02/25 08:00	4
890-8361-18	HA - 6	Solid	07/01/25 14:25	07/02/25 08:00	0.5
890-8361-19	HA - 6	Solid	07/01/25 14:30	07/02/25 08:00	2
890-8361-20	HA - 6	Solid	07/01/25 14:35	07/02/25 08:00	4

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Chain of Custody

Houston, TX (281) 240-4200, Dallas, TX (214) 902-0300
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Hobbs, NM (575) 392-7550, Carlsbad, NM (575) 988-3199

Work Order No: _____

www.xenco.com Page 1 of 3

Project Manager:	Gilbert Moreno	Bill to: (if different)	
Company Name:	Earth Systems R&R	Company Name:	Earth Systems
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:	Fadeaway Ridge Compressor Station	Turn Around	
Project Number:	640	☑ Routine ☐ Rush	
Project Location:	Eddy County, NM	Due Date:	Routine TAT
Sampler's Name:	Santiago Giron	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:	TVR1007
Cooler Custody Seals:	Yes No (N/A)	Correction Factor:	-0.2
Sample Custody Seals:	Yes No (N/A)	Temperature Reading:	-2.4
Total Containers:		Corrected Temperature:	-2.2

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

890-8361 Chain of Custody

Sample Identification	Matrix	Date Sampled	Time Sampled	Depth (feet)	Grab/ Comp	# of Cont	TPH -NM	Chloride-NM	BTEX-NM	Hold	24 Hr Rush	Sample Comments
HA-1	S	7.1.25	13:00	0.5	Grab/	1	X	X	X			Incident Number
HA-1	S	7.1.25	13:05	2	Grab/	1	X	X	X			nAPP2516830043
HA-1	S	7.1.25	13:10	4	Grab/	1	X	X	X			
HA-2	S	7.1.25	13:15	0.5	Grab/	1	X	X	X			
HA-2	S	7.1.25	13:20	2	Grab/	1	X	X	X			
HA-2	S	7.1.25	13:25	4	Grab/	1	X	X	X			
HA-3	S	7.1.25	13:30	0.5	Grab/	1	X	X	X			
HA-3	S	7.1.25	13:35	2	Grab/	1	X	X	X			
HA-3	S	7.1.25	13:40	4	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 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
0		7/2 8a	2		
3			4		
5			6		

Revised Date: 08/25/2020 Rev. 2020.2

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Released to Imaging: 12/2/2025 3:25:10 PM

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Chain of Custody

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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 3

Project Manager:	Gilbert Moreno	Bill to: (if different)	
Company Name:	Earth Systems R&R	Company Name:	Earth Systems
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:	Fadeaway Ridge Compressor Station	Turn Around	
Project Number:	640	☑ Routine ☐ Rush	
Project Location:	Eddy County, NM	Due Date:	Routine TAT
Sampler's Name:	Santiago Giron	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:	TM009	
Cooler Custody Seals:	Yes No N/A	Correction Factor:	-0.2	
Sample Custody Seals:	Yes No N/A	Temperature Reading:	-2.4	
Total Containers:		Corrected Temperature:	-2.2	

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 (feet)	Grab/ Comp	# of Cont	TPH -NM	Chloride-NM	BTEX-NM	Hold	24 Hr Rush	Sample Comments
HA-4	S	7.1.25	13:45	0.5	Grab/	1	X	X	X			Incident Number
HA-4	S	7.1.25	13:50	2	Grab/	1	X	X	X			nAPP2516830043
HA-4	S	7.1.25	13:55	4	Grab/	1	X	X	X			
HA-4	S	7.1.25	14:00	6	Grab/	1	X	X	X			
HA-4	S	7.1.25	14:05	8	Grab/	1	X	X	X			
HA-5	S	7.1.25	14:10	0.5	Grab/	1	X	X	X			
HA-5	S	7.1.25	14:15	2	Grab/	1	X	X	X			
HA-5	S	7.1.25	14:20	4	Grab/	1	X	X	X			
HA-6	S	7.1.25	14:25	0.5	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 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
0		7/2 89	2		
3			4		
5			6		

Revised Date: 08/25/2020 Rev. 2020.2

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Released to Imaging: 12/2/2025 3:25:10 PM

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Chain of Custody

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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 3 of 3

Project Manager:	Gilbert Moreno	Bill to: (if different)	
Company Name:	Earth Systems R&R	Company Name:	Earth Systems
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:	Fadeaway Ridge Compressor Station	Turn Around	
Project Number:	640	☑ Routine ☐ Rush	
Project Location:	Eddy County, NM	Due Date:	Routine TAT
Sampler's Name:	Santiago Giron	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:	TM005
Cooler Custody Seals:	Yes No (N/A)	Correction Factor:	-0.2
Sample Custody Seals:	Yes No (N/A)	Temperature Reading:	-2.4
Total Containers:		Corrected Temperature:	-2.2

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 (feet)	Grab/ Comp	# of Cont	TPH -NM	Chloride-NM	BTEX-NM	Hold	24 Hr Rush	Sample Comments
HA-6	S	7.1.25	14:30	2	Grab/	1	X	X	X			Incident Number
HA-6	S	7.1.25	14:35	4	Grab/	1	X	X	X			nAPP2516830043

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
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
0			2		
3			4		
5			6		

Revised Date: 08/25/2020 Rev. 2020.2

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Received by OCD: 9/22/2025 1:51:15 PM

Released to Imaging: 12/2/2025 3:25:10 PM

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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: 890-5340.1
Client Contact: Shipping/Receiving	Phone: N/A	E-Mail: Brianna.Teel@et.eurofinsus.com	State of Origin: New Mexico	Page: Page 1 of 3
Company: Eurofins Environment Testing South Centr		Accreditations Required (See note): NELAP - Texas		Job #: 890-8361-1
Address: 1211 W. Florida Ave, ,	Due Date Requested: 7/9/2025			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: FADEAWAY RIDGE COMPERESSOR STATION	Project #: 88002337			
Site: N/A	SSOW#: N/A			Other: N/A

Analysis Requested

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_Calc(MOD) BTEX	Total_BTEX_GCV(MOD) Total BTEX	Total Number of containers	Special Instructions/Note:
			Preservation Code:										
HA - 1 (890-8361-1)	7/1/25	13:00 Mountain	G	Solid			X	X	X	X	X	1	
HA - 1 (890-8361-2)	7/1/25	13:05 Mountain	G	Solid			X	X	X	X	X	1	
HA - 1 (890-8361-3)	7/1/25	13:10 Mountain	G	Solid			X	X	X	X	X	1	
HA - 2 (890-8361-4)	7/1/25	13:15 Mountain	G	Solid			X	X	X	X	X	1	
HA - 2 (890-8361-5)	7/1/25	13:20 Mountain	G	Solid			X	X	X	X	X	1	
HA - 2 (890-8361-6)	7/1/25	13:25 Mountain	G	Solid			X	X	X	X	X	1	
HA - 3 (890-8361-7)	7/1/25	13:30 Mountain	G	Solid			X	X	X	X	X	1	
HA - 3 (890-8361-8)	7/1/25	13:35 Mountain	G	Solid			X	X	X	X	X	1	
HA - 3 (890-8361-9)	7/1/25	13:40 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: 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: 7/2 1630	Company	Received by: EA	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time: 7/3/25 800	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: ∆ Yes ∆ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks: 2.5/2.4 -.1 TR8

Ver: 10/10/2024

Received by OCD: 9/22/2025 1:51:15 PM
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7/8/2025
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Login Sample Receipt Checklist

Client: Earth Systems Response and Restoration

Job Number: 890-8361-1
SDG Number: Eddy County, NM

Login Number: 8361
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: 890-8361-1
SDG Number: Eddy County, NM

Login Number: 8361
List Number: 2
Creator: Vasquez, Julisa

List Source: Eurofins Midland
List Creation: 07/03/25 08:18 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
4115 South County Road 1297
Odessa, Texas 79765

Generated 7/7/2025 2:09:36 PM

JOB DESCRIPTION

Fadeaway Ridge Compressor Station
Eddy County, NM

JOB NUMBER

890-8362-1

Eurofins Carlsbad
1089 N Canal St.
Carlsbad NM 88220

See page two for job notes and contact information.

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my EOL

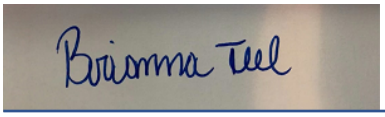
Eurofins Carlsbad

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

Client: Earth Systems Response and Restoration
Project/Site: Fadeaway Ridge Compressor Station

Laboratory Job ID: 890-8362-1
SDG: Eddy County, NM

Table of Contents

Definitions/Glossary

Client: Earth Systems Response and Restoration
Project/Site: Fadeaway Ridge Compressor Station

Job ID: 890-8362-1
SDG: Eddy County, NM

Qualifiers

GC VOA

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

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	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: 890-8362-1
Project: Fadeaway Ridge Compressor Station

Job ID: 890-8362-1 Eurofins Carlsbad

Job Narrative
890-8362-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable.

- Matrix QC may not be reported if insufficient sample is provided or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Receipt
The samples were received on 7/2/2025 8:00 AM. 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 -2.2°C.

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

Diesel Range Organics
Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: (LCS 880-113558/2-A) and (LCSD 880-113558/3-A). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

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

HPLC/IC
Method 300_ORGFM_28D - Soluble: The Chloride matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-113590 and analytical batch 880-113633 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

The associated samples are: HA-9 (890-8362-6), HA-10 (890-8362-7), HA-10 (890-8362-8), HA-11 (890-8362-9), HA-11 (890-8362-10), HA-12 (890-8362-11), HA-12 (890-8362-12), (890-8362-A-6-D MS) and (890-8362-A-6-E MSD).

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: Fadeaway Ridge Compressor Station

Job ID: 890-8362-1
SDG: Eddy County, NM

Client Sample ID: HA-7

Lab Sample ID: 890-8362-1
Matrix: Solid
Date Collected: 07/01/25 14:40
Date Received: 07/02/25 08:00
Sample Depth: 0.5

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		07/02/25 14:57	07/03/25 14:33	1
Toluene	<0.00199	U	0.00199		mg/Kg		07/02/25 14:57	07/03/25 14:33	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		07/02/25 14:57	07/03/25 14:33	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		07/02/25 14:57	07/03/25 14:33	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		07/02/25 14:57	07/03/25 14:33	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		07/02/25 14:57	07/03/25 14:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*104*		*70 - 130*	*07/02/25 14:57*	*07/03/25 14:33*	*1*
1,4-Difluorobenzene (Surr)	*86*		*70 - 130*	*07/02/25 14:57*	*07/03/25 14:33*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			07/03/25 14:33	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			07/03/25 11:37	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		07/02/25 13:44	07/03/25 11:37	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		07/02/25 13:44	07/03/25 11:37	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		07/02/25 13:44	07/03/25 11:37	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*93*		*70 - 130*	*07/02/25 13:44*	*07/03/25 11:37*	*1*
o-Terphenyl	*92*		*70 - 130*	*07/02/25 13:44*	*07/03/25 11:37*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**106**		9.90		mg/Kg			07/03/25 17:39	1

Client Sample ID: HA-7

Lab Sample ID: 890-8362-2
Matrix: Solid
Date Collected: 07/01/25 14:45
Date Received: 07/02/25 08:00
Sample Depth: 4

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		07/02/25 14:57	07/03/25 14:53	1
Toluene	<0.00198	U	0.00198		mg/Kg		07/02/25 14:57	07/03/25 14:53	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		07/02/25 14:57	07/03/25 14:53	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		07/02/25 14:57	07/03/25 14:53	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		07/02/25 14:57	07/03/25 14:53	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		07/02/25 14:57	07/03/25 14:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*104*		*70 - 130*	*07/02/25 14:57*	*07/03/25 14:53*	*1*

Client Sample Results

Client: Earth Systems Response and Restoration
Project/Site: Fadeaway Ridge Compressor Station

Job ID: 890-8362-1
SDG: Eddy County, NM

Client Sample ID: HA-7

Lab Sample ID: 890-8362-2
Matrix: Solid
Date Collected: 07/01/25 14:45
Date Received: 07/02/25 08:00
Sample Depth: 4

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

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Difluorobenzene (Surr)	*91*		*70 - 130*	*07/02/25 14:57*	*07/03/25 14:53*	*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			07/03/25 14:53	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			07/03/25 12:23	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		07/02/25 13:44	07/03/25 12:23	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		07/02/25 13:44	07/03/25 12:23	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		07/02/25 13:44	07/03/25 12:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*97*		*70 - 130*	*07/02/25 13:44*	*07/03/25 12:23*	*1*
o-Terphenyl	*97*		*70 - 130*	*07/02/25 13:44*	*07/03/25 12:23*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**149**		10.1		mg/Kg			07/03/25 17:46	1

Client Sample ID: HA-8

Lab Sample ID: 890-8362-3
Matrix: Solid
Date Collected: 07/01/25 14:50
Date Received: 07/02/25 08:00
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		07/02/25 14:57	07/03/25 15:14	1
Toluene	<0.00200	U	0.00200		mg/Kg		07/02/25 14:57	07/03/25 15:14	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		07/02/25 14:57	07/03/25 15:14	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		07/02/25 14:57	07/03/25 15:14	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		07/02/25 14:57	07/03/25 15:14	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		07/02/25 14:57	07/03/25 15:14	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*104*		*70 - 130*	*07/02/25 14:57*	*07/03/25 15:14*	*1*
1,4-Difluorobenzene (Surr)	*89*		*70 - 130*	*07/02/25 14:57*	*07/03/25 15:14*	*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			07/03/25 15:14	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			07/03/25 12:39	1

Eurofins Carlsbad

Client Sample Results

Client: Earth Systems Response and Restoration
Project/Site: Fadeaway Ridge Compressor Station

Job ID: 890-8362-1
SDG: Eddy County, NM

Client Sample ID: HA-8

Lab Sample ID: 890-8362-3
Matrix: Solid
Date Collected: 07/01/25 14:50
Date Received: 07/02/25 08:00
Sample Depth: 0.5

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		07/02/25 13:44	07/03/25 12:39	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		07/02/25 13:44	07/03/25 12:39	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		07/02/25 13:44	07/03/25 12:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*93*		*70 - 130*	*07/02/25 13:44*	*07/03/25 12:39*	*1*
o-Terphenyl	*92*		*70 - 130*	*07/02/25 13:44*	*07/03/25 12:39*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**194**		9.96		mg/Kg			07/03/25 17:53	1

Client Sample ID: HA-8

Lab Sample ID: 890-8362-4
Matrix: Solid
Date Collected: 07/01/25 14:55
Date Received: 07/02/25 08:00
Sample Depth: 4

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		07/02/25 14:57	07/03/25 16:47	1
Toluene	<0.00200	U	0.00200		mg/Kg		07/02/25 14:57	07/03/25 16:47	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		07/02/25 14:57	07/03/25 16:47	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		07/02/25 14:57	07/03/25 16:47	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		07/02/25 14:57	07/03/25 16:47	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		07/02/25 14:57	07/03/25 16:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*109*		*70 - 130*	*07/02/25 14:57*	*07/03/25 16:47*	*1*
1,4-Difluorobenzene (Surr)	*86*		*70 - 130*	*07/02/25 14:57*	*07/03/25 16:47*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			07/03/25 16:47	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			07/03/25 12:55	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	<49.8	U	49.8		mg/Kg		07/02/25 13:44	07/03/25 12:55	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		07/02/25 13:44	07/03/25 12:55	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		07/02/25 13:44	07/03/25 12:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*94*		*70 - 130*	*07/02/25 13:44*	*07/03/25 12:55*	*1*
o-Terphenyl	*93*		*70 - 130*	*07/02/25 13:44*	*07/03/25 12:55*	*1*

Client Sample Results

Client: Earth Systems Response and Restoration
Project/Site: Fadeaway Ridge Compressor Station

Job ID: 890-8362-1
SDG: Eddy County, NM

Client Sample ID: HA-8

Lab Sample ID: 890-8362-4
Matrix: Solid
Date Collected: 07/01/25 14:55
Date Received: 07/02/25 08:00
Sample Depth: 4

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	145		9.98		mg/Kg			07/03/25 18:01	1

Client Sample ID: HA-9

Lab Sample ID: 890-8362-5
Matrix: Solid
Date Collected: 07/01/25 15:00
Date Received: 07/02/25 08:00
Sample Depth: 0.5

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		07/02/25 14:57	07/03/25 17:08	1
Toluene	<0.00201	U	0.00201		mg/Kg		07/02/25 14:57	07/03/25 17:08	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		07/02/25 14:57	07/03/25 17:08	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		07/02/25 14:57	07/03/25 17:08	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		07/02/25 14:57	07/03/25 17:08	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		07/02/25 14:57	07/03/25 17:08	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*95*		*70 - 130*	*07/02/25 14:57*	*07/03/25 17:08*	*1*
1,4-Difluorobenzene (Surr)	*92*		*70 - 130*	*07/02/25 14:57*	*07/03/25 17:08*	*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			07/03/25 17:08	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			07/03/25 13:11	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		07/02/25 13:44	07/03/25 13:11	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		07/02/25 13:44	07/03/25 13:11	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		07/02/25 13:44	07/03/25 13:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*95*		*70 - 130*	*07/02/25 13:44*	*07/03/25 13:11*	*1*
o-Terphenyl	*94*		*70 - 130*	*07/02/25 13:44*	*07/03/25 13:11*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	91.8		10.1		mg/Kg			07/03/25 18:08	1

Client Sample Results

Client: Earth Systems Response and Restoration
Project/Site: Fadeaway Ridge Compressor Station

Job ID: 890-8362-1
SDG: Eddy County, NM

Client Sample ID: HA-9

Lab Sample ID: 890-8362-6
Matrix: Solid
Date Collected: 07/01/25 15:05
Date Received: 07/02/25 08:00
Sample Depth: 4

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		07/02/25 14:57	07/03/25 17:28	1
Toluene	<0.00202	U	0.00202		mg/Kg		07/02/25 14:57	07/03/25 17:28	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		07/02/25 14:57	07/03/25 17:28	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		07/02/25 14:57	07/03/25 17:28	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		07/02/25 14:57	07/03/25 17:28	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		07/02/25 14:57	07/03/25 17:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*98*		*70 - 130*	*07/02/25 14:57*	*07/03/25 17:28*	*1*
1,4-Difluorobenzene (Surr)	*94*		*70 - 130*	*07/02/25 14:57*	*07/03/25 17:28*	*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			07/03/25 17:28	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			07/03/25 13:27	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	<49.8	U	49.8		mg/Kg		07/02/25 13:44	07/03/25 13:27	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		07/02/25 13:44	07/03/25 13:27	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		07/02/25 13:44	07/03/25 13:27	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*94*		*70 - 130*	*07/02/25 13:44*	*07/03/25 13:27*	*1*
o-Terphenyl	*93*		*70 - 130*	*07/02/25 13:44*	*07/03/25 13:27*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**121**	**F1**	9.98		mg/Kg			07/03/25 15:21	1

Client Sample ID: HA-10

Lab Sample ID: 890-8362-7
Matrix: Solid
Date Collected: 07/01/25 15:10
Date Received: 07/02/25 08:00
Sample Depth: 0.5

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		07/02/25 14:57	07/03/25 17:49	1
Toluene	<0.00199	U	0.00199		mg/Kg		07/02/25 14:57	07/03/25 17:49	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		07/02/25 14:57	07/03/25 17:49	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		07/02/25 14:57	07/03/25 17:49	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		07/02/25 14:57	07/03/25 17:49	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		07/02/25 14:57	07/03/25 17:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*96*		*70 - 130*	*07/02/25 14:57*	*07/03/25 17:49*	*1*

Client Sample Results

Client: Earth Systems Response and Restoration
Project/Site: Fadeaway Ridge Compressor Station

Job ID: 890-8362-1
SDG: Eddy County, NM

Client Sample ID: HA-10

Lab Sample ID: 890-8362-7
Matrix: Solid
Date Collected: 07/01/25 15:10
Date Received: 07/02/25 08:00
Sample Depth: 0.5

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

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Difluorobenzene (Surr)	*91*		*70 - 130*	*07/02/25 14:57*	*07/03/25 17:49*	*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			07/03/25 17:49	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.6	U	49.6		mg/Kg			07/03/25 13:42	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	<49.6	U	49.6		mg/Kg		07/02/25 13:44	07/03/25 13:42	1
Diesel Range Organics (Over C10-C28)	<49.6	U	49.6		mg/Kg		07/02/25 13:44	07/03/25 13:42	1
Oil Range Organics (Over C28-C36)	<49.6	U	49.6		mg/Kg		07/02/25 13:44	07/03/25 13:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*94*		*70 - 130*	*07/02/25 13:44*	*07/03/25 13:42*	*1*
o-Terphenyl	*93*		*70 - 130*	*07/02/25 13:44*	*07/03/25 13:42*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**137**		9.92		mg/Kg			07/03/25 15:38	1

Client Sample ID: HA-10

Lab Sample ID: 890-8362-8
Matrix: Solid
Date Collected: 07/01/25 15:15
Date Received: 07/02/25 08:00
Sample Depth: 4

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		07/02/25 14:57	07/03/25 18:09	1
Toluene	<0.00199	U	0.00199		mg/Kg		07/02/25 14:57	07/03/25 18:09	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		07/02/25 14:57	07/03/25 18:09	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		07/02/25 14:57	07/03/25 18:09	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		07/02/25 14:57	07/03/25 18:09	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		07/02/25 14:57	07/03/25 18:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*96*		*70 - 130*	*07/02/25 14:57*	*07/03/25 18:09*	*1*
1,4-Difluorobenzene (Surr)	*93*		*70 - 130*	*07/02/25 14:57*	*07/03/25 18:09*	*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			07/03/25 18:09	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			07/03/25 13:58	1

Eurofins Carlsbad

Client Sample Results

Client: Earth Systems Response and Restoration
Project/Site: Fadeaway Ridge Compressor Station

Job ID: 890-8362-1
SDG: Eddy County, NM

Client Sample ID: HA-10

Lab Sample ID: 890-8362-8
Matrix: Solid

Date Collected: 07/01/25 15:15
Date Received: 07/02/25 08:00
Sample Depth: 4

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		07/02/25 13:44	07/03/25 13:58	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		07/02/25 13:44	07/03/25 13:58	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		07/02/25 13:44	07/03/25 13:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*94*		*70 - 130*	*07/02/25 13:44*	*07/03/25 13:58*	*1*
o-Terphenyl	*94*		*70 - 130*	*07/02/25 13:44*	*07/03/25 13:58*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**162**		10.1		mg/Kg			07/03/25 15:43	1

Client Sample ID: HA-11

Lab Sample ID: 890-8362-9
Matrix: Solid

Date Collected: 07/01/25 15:20
Date Received: 07/02/25 08:00
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		07/02/25 14:57	07/03/25 18:30	1
Toluene	<0.00200	U	0.00200		mg/Kg		07/02/25 14:57	07/03/25 18:30	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		07/02/25 14:57	07/03/25 18:30	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		07/02/25 14:57	07/03/25 18:30	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		07/02/25 14:57	07/03/25 18:30	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		07/02/25 14:57	07/03/25 18:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*98*		*70 - 130*	*07/02/25 14:57*	*07/03/25 18:30*	*1*
1,4-Difluorobenzene (Surr)	*91*		*70 - 130*	*07/02/25 14:57*	*07/03/25 18:30*	*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			07/03/25 18:30	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			07/03/25 14:13	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		07/02/25 13:44	07/03/25 14:13	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		07/02/25 13:44	07/03/25 14:13	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		07/02/25 13:44	07/03/25 14:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*95*		*70 - 130*	*07/02/25 13:44*	*07/03/25 14:13*	*1*
o-Terphenyl	*96*		*70 - 130*	*07/02/25 13:44*	*07/03/25 14:13*	*1*

Client Sample Results

Client: Earth Systems Response and Restoration
Project/Site: Fadeaway Ridge Compressor Station

Job ID: 890-8362-1
SDG: Eddy County, NM

Client Sample ID: HA-11

Lab Sample ID: 890-8362-9
Matrix: Solid
Date Collected: 07/01/25 15:20
Date Received: 07/02/25 08:00
Sample Depth: 0.5

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	90.5		10.0		mg/Kg			07/03/25 15:49	1

Client Sample ID: HA-11

Lab Sample ID: 890-8362-10
Matrix: Solid
Date Collected: 07/01/25 15:25
Date Received: 07/02/25 08:00
Sample Depth: 4

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		07/02/25 14:57	07/03/25 18:50	1
Toluene	<0.00201	U	0.00201		mg/Kg		07/02/25 14:57	07/03/25 18:50	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		07/02/25 14:57	07/03/25 18:50	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		07/02/25 14:57	07/03/25 18:50	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		07/02/25 14:57	07/03/25 18:50	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		07/02/25 14:57	07/03/25 18:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*98*		*70 - 130*	*07/02/25 14:57*	*07/03/25 18:50*	*1*
1,4-Difluorobenzene (Surr)	*94*		*70 - 130*	*07/02/25 14:57*	*07/03/25 18:50*	*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			07/03/25 18:50	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			07/03/25 14:30	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	<49.8	U	49.8		mg/Kg		07/02/25 13:44	07/03/25 14:30	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		07/02/25 13:44	07/03/25 14:30	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		07/02/25 13:44	07/03/25 14:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*95*		*70 - 130*	*07/02/25 13:44*	*07/03/25 14:30*	*1*
o-Terphenyl	*94*		*70 - 130*	*07/02/25 13:44*	*07/03/25 14:30*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	127		10.1		mg/Kg			07/03/25 15:55	1

Client Sample Results

Client: Earth Systems Response and Restoration
Project/Site: Fadeaway Ridge Compressor Station

Job ID: 890-8362-1
SDG: Eddy County, NM

Client Sample ID: HA-12

Lab Sample ID: 890-8362-11
Matrix: Solid

Date Collected: 07/01/25 15:30
Date Received: 07/02/25 08:00
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		07/02/25 14:57	07/03/25 19:11	1
Toluene	<0.00200	U	0.00200		mg/Kg		07/02/25 14:57	07/03/25 19:11	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		07/02/25 14:57	07/03/25 19:11	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		07/02/25 14:57	07/03/25 19:11	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		07/02/25 14:57	07/03/25 19:11	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		07/02/25 14:57	07/03/25 19:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*97*		*70 - 130*	*07/02/25 14:57*	*07/03/25 19:11*	*1*
1,4-Difluorobenzene (Surr)	*90*		*70 - 130*	*07/02/25 14:57*	*07/03/25 19:11*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			07/03/25 19:11	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			07/03/25 15:01	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		07/02/25 13:44	07/03/25 15:01	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		07/02/25 13:44	07/03/25 15:01	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		07/02/25 13:44	07/03/25 15:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*97*		*70 - 130*	*07/02/25 13:44*	*07/03/25 15:01*	*1*
o-Terphenyl	*95*		*70 - 130*	*07/02/25 13:44*	*07/03/25 15:01*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**122**		9.94		mg/Kg			07/03/25 16:12	1

Client Sample ID: HA-12

Lab Sample ID: 890-8362-12
Matrix: Solid

Date Collected: 07/01/25 15:35
Date Received: 07/02/25 08:00
Sample Depth: 4

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		07/02/25 14:57	07/03/25 19:31	1
Toluene	<0.00199	U	0.00199		mg/Kg		07/02/25 14:57	07/03/25 19:31	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		07/02/25 14:57	07/03/25 19:31	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		07/02/25 14:57	07/03/25 19:31	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		07/02/25 14:57	07/03/25 19:31	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		07/02/25 14:57	07/03/25 19:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*97*		*70 - 130*	*07/02/25 14:57*	*07/03/25 19:31*	*1*

Client Sample Results

Client: Earth Systems Response and Restoration
Project/Site: Fadeaway Ridge Compressor Station

Job ID: 890-8362-1
SDG: Eddy County, NM

Client Sample ID: HA-12

Date Collected: 07/01/25 15:35
Date Received: 07/02/25 08:00
Sample Depth: 4

Lab Sample ID: 890-8362-12

Matrix: Solid

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

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Difluorobenzene (Surr)	*92*		*70 - 130*	*07/02/25 14:57*	*07/03/25 19:31*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			07/03/25 19:31	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			07/03/25 15:17	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		07/02/25 13:44	07/03/25 15:17	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		07/02/25 13:44	07/03/25 15:17	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		07/02/25 13:44	07/03/25 15:17	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*97*		*70 - 130*	*07/02/25 13:44*	*07/03/25 15:17*	*1*
o-Terphenyl	*96*		*70 - 130*	*07/02/25 13:44*	*07/03/25 15:17*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**108**		9.92		mg/Kg			07/03/25 16:17	1

Surrogate Summary

Client: Earth Systems Response and Restoration
Project/Site: Fadeaway Ridge Compressor Station

Job ID: 890-8362-1
SDG: Eddy 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)
890-8362-1	HA-7	104	86
890-8362-2	HA-7	104	91
890-8362-3	HA-8	104	89
890-8362-4	HA-8	109	86
890-8362-5	HA-9	95	92
890-8362-6	HA-9	98	94
890-8362-7	HA-10	96	91
890-8362-8	HA-10	96	93
890-8362-9	HA-11	98	91
890-8362-10	HA-11	98	94
890-8362-11	HA-12	97	90
890-8362-12	HA-12	97	92
LCS 880-113563/1-A	Lab Control Sample	103	92
LCSD 880-113563/2-A	Lab Control Sample Dup	99	91
MB 880-113563/5-A	Method Blank	97	83

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)
890-8362-1	HA-7	93	92
890-8362-1 MS	HA-7	86	94
890-8362-1 MSD	HA-7	86	93
890-8362-2	HA-7	97	97
890-8362-3	HA-8	93	92
890-8362-4	HA-8	94	93
890-8362-5	HA-9	95	94
890-8362-6	HA-9	94	93
890-8362-7	HA-10	94	93
890-8362-8	HA-10	94	94
890-8362-9	HA-11	95	96
890-8362-10	HA-11	95	94
890-8362-11	HA-12	97	95
890-8362-12	HA-12	97	96
LCS 880-113558/2-A	Lab Control Sample	129	138 S1+
LCSD 880-113558/3-A	Lab Control Sample Dup	127	140 S1+
MB 880-113558/1-A	Method Blank	123	123

Surrogate Legend

1CO = 1-Chlorooctane
OTPH = o-Terphenyl

QC Sample Results

Client: Earth Systems Response and Restoration
Project/Site: Fadeaway Ridge Compressor Station

Job ID: 890-8362-1
SDG: Eddy County, NM

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-113563/5-A
Matrix: Solid
Analysis Batch: 113584

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 113563

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		07/02/25 14:57	07/03/25 11:48	1
Toluene	<0.00200	U	0.00200		mg/Kg		07/02/25 14:57	07/03/25 11:48	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		07/02/25 14:57	07/03/25 11:48	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		07/02/25 14:57	07/03/25 11:48	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		07/02/25 14:57	07/03/25 11:48	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		07/02/25 14:57	07/03/25 11:48	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*97*		*70 - 130*	*07/02/25 14:57*	*07/03/25 11:48*	*1*
1,4-Difluorobenzene (Surr)	*83*		*70 - 130*	*07/02/25 14:57*	*07/03/25 11:48*	*1*

Lab Sample ID: LCS 880-113563/1-A
Matrix: Solid
Analysis Batch: 113584

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 113563

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene			0.100	0.07693		mg/Kg		77	70 - 130		
Toluene			0.100	0.08116		mg/Kg		81	70 - 130		
Ethylbenzene			0.100	0.09219		mg/Kg		92	70 - 130		
m-Xylene & p-Xylene			0.200	0.1905		mg/Kg		95	70 - 130		
o-Xylene			0.100	0.09587		mg/Kg		96	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*103*		*70 - 130*
1,4-Difluorobenzene (Surr)	*92*		*70 - 130*

Lab Sample ID: LCSD 880-113563/2-A
Matrix: Solid
Analysis Batch: 113584

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 113563

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene			0.100	0.08163		mg/Kg		82	70 - 130	6	35
Toluene			0.100	0.08242		mg/Kg		82	70 - 130	2	35
Ethylbenzene			0.100	0.09286		mg/Kg		93	70 - 130	1	35
m-Xylene & p-Xylene			0.200	0.1910		mg/Kg		95	70 - 130	0	35
o-Xylene			0.100	0.09632		mg/Kg		96	70 - 130	0	35

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*99*		*70 - 130*
1,4-Difluorobenzene (Surr)	*91*		*70 - 130*

QC Sample Results

Client: Earth Systems Response and Restoration
Project/Site: Fadeaway Ridge Compressor Station

Job ID: 890-8362-1
SDG: Eddy County, NM

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

Lab Sample ID: MB 880-113558/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 113616 — **Prep Batch: 113558**

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		07/02/25 13:40	07/03/25 07:26	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		07/02/25 13:40	07/03/25 07:26	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		07/02/25 13:40	07/03/25 07:26	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*123*		*70 - 130*	*07/02/25 13:40*	*07/03/25 07:26*	*1*
o-Terphenyl	*123*		*70 - 130*	*07/02/25 13:40*	*07/03/25 07:26*	*1*

Lab Sample ID: LCS 880-113558/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 113616 — **Prep Batch: 113558**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	1119		mg/Kg		112	70 - 130
Diesel Range Organics (Over C10-C28)	1000	1189		mg/Kg		119	70 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1-Chlorooctane	*129*		*70 - 130*
o-Terphenyl	*138*	*S1+*	*70 - 130*

Lab Sample ID: LCSD 880-113558/3-A — **Client Sample ID: Lab Control Sample Dup**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 113616 — **Prep Batch: 113558**

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	1146		mg/Kg		115	70 - 130	2	20
Diesel Range Organics (Over C10-C28)	1000	1209		mg/Kg		121	70 - 130	2	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1-Chlorooctane	*127*		*70 - 130*
o-Terphenyl	*140*	*S1+*	*70 - 130*

Lab Sample ID: 890-8362-1 MS — **Client Sample ID: HA-7**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 113616 — **Prep Batch: 113558**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	999	915.0		mg/Kg		92	70 - 130
Diesel Range Organics (Over C10-C28)	<50.0	U	999	976.4		mg/Kg		98	70 - 130

QC Sample Results

Client: Earth Systems Response and Restoration
Project/Site: Fadeaway Ridge Compressor Station

Job ID: 890-8362-1
SDG: Eddy County, NM

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

Lab Sample ID: 890-8362-1 MS
Matrix: Solid
Analysis Batch: 113616

Client Sample ID: HA-7
Prep Type: Total/NA
Prep Batch: 113558

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1-Chlorooctane	*86*		*70 - 130*
o-Terphenyl	*94*		*70 - 130*

Lab Sample ID: 890-8362-1 MSD
Matrix: Solid
Analysis Batch: 113616

Client Sample ID: HA-7
Prep Type: Total/NA
Prep Batch: 113558

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	999	921.8		mg/Kg		92	70 - 130	1	20
Diesel Range Organics (Over C10-C28)	<50.0	U	999	990.7		mg/Kg		99	70 - 130	1	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1-Chlorooctane	*86*		*70 - 130*
o-Terphenyl	*93*		*70 - 130*

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-113589/1-A
Matrix: Solid
Analysis Batch: 113620

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			07/03/25 14:32	1

Lab Sample ID: LCS 880-113589/2-A
Matrix: Solid
Analysis Batch: 113620

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	240.0		mg/Kg		96	90 - 110

Lab Sample ID: LCSD 880-113589/3-A
Matrix: Solid
Analysis Batch: 113620

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	244.0		mg/Kg		98	90 - 110	2	20

Lab Sample ID: MB 880-113590/1-A
Matrix: Solid
Analysis Batch: 113633

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			07/03/25 15:04	1

QC Sample Results

Client: Earth Systems Response and Restoration
Project/Site: Fadeaway Ridge Compressor Station

Job ID: 890-8362-1
SDG: Eddy County, NM

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: LCS 880-113590/2-A
Matrix: Solid
Analysis Batch: 113633

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 880-113590/3-A
Matrix: Solid
Analysis Batch: 113633

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	253.2		mg/Kg		101	90 - 110	0	20

Lab Sample ID: 890-8362-6 MS
Matrix: Solid
Analysis Batch: 113633

Client Sample ID: HA-9
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	121	F1	250	436.9	F1	mg/Kg		127	90 - 110		

Lab Sample ID: 890-8362-6 MSD
Matrix: Solid
Analysis Batch: 113633

Client Sample ID: HA-9
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	121	F1	250	438.0	F1	mg/Kg		127	90 - 110	0	20

QC Association Summary

Client: Earth Systems Response and Restoration
Project/Site: Fadeaway Ridge Compressor Station

Job ID: 890-8362-1
SDG: Eddy County, NM

GC VOA

Prep Batch: 113563

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8362-1	HA-7	Total/NA	Solid	5035	
890-8362-2	HA-7	Total/NA	Solid	5035	
890-8362-3	HA-8	Total/NA	Solid	5035	
890-8362-4	HA-8	Total/NA	Solid	5035	
890-8362-5	HA-9	Total/NA	Solid	5035	
890-8362-6	HA-9	Total/NA	Solid	5035	
890-8362-7	HA-10	Total/NA	Solid	5035	
890-8362-8	HA-10	Total/NA	Solid	5035	
890-8362-9	HA-11	Total/NA	Solid	5035	
890-8362-10	HA-11	Total/NA	Solid	5035	
890-8362-11	HA-12	Total/NA	Solid	5035	
890-8362-12	HA-12	Total/NA	Solid	5035	
MB 880-113563/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-113563/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-113563/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	

Analysis Batch: 113584

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8362-1	HA-7	Total/NA	Solid	8021B	113563
890-8362-2	HA-7	Total/NA	Solid	8021B	113563
890-8362-3	HA-8	Total/NA	Solid	8021B	113563
890-8362-4	HA-8	Total/NA	Solid	8021B	113563
890-8362-5	HA-9	Total/NA	Solid	8021B	113563
890-8362-6	HA-9	Total/NA	Solid	8021B	113563
890-8362-7	HA-10	Total/NA	Solid	8021B	113563
890-8362-8	HA-10	Total/NA	Solid	8021B	113563
890-8362-9	HA-11	Total/NA	Solid	8021B	113563
890-8362-10	HA-11	Total/NA	Solid	8021B	113563
890-8362-11	HA-12	Total/NA	Solid	8021B	113563
890-8362-12	HA-12	Total/NA	Solid	8021B	113563
MB 880-113563/5-A	Method Blank	Total/NA	Solid	8021B	113563
LCS 880-113563/1-A	Lab Control Sample	Total/NA	Solid	8021B	113563
LCSD 880-113563/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	113563

Analysis Batch: 113720

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8362-1	HA-7	Total/NA	Solid	Total BTEX	
890-8362-2	HA-7	Total/NA	Solid	Total BTEX	
890-8362-3	HA-8	Total/NA	Solid	Total BTEX	
890-8362-4	HA-8	Total/NA	Solid	Total BTEX	
890-8362-5	HA-9	Total/NA	Solid	Total BTEX	
890-8362-6	HA-9	Total/NA	Solid	Total BTEX	
890-8362-7	HA-10	Total/NA	Solid	Total BTEX	
890-8362-8	HA-10	Total/NA	Solid	Total BTEX	
890-8362-9	HA-11	Total/NA	Solid	Total BTEX	
890-8362-10	HA-11	Total/NA	Solid	Total BTEX	
890-8362-11	HA-12	Total/NA	Solid	Total BTEX	
890-8362-12	HA-12	Total/NA	Solid	Total BTEX	

QC Association Summary

Client: Earth Systems Response and Restoration
Project/Site: Fadeaway Ridge Compressor Station

Job ID: 890-8362-1
SDG: Eddy County, NM

GC Semi VOA

Prep Batch: 113558

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8362-1	HA-7	Total/NA	Solid	8015NM Prep	
890-8362-2	HA-7	Total/NA	Solid	8015NM Prep	
890-8362-3	HA-8	Total/NA	Solid	8015NM Prep	
890-8362-4	HA-8	Total/NA	Solid	8015NM Prep	
890-8362-5	HA-9	Total/NA	Solid	8015NM Prep	
890-8362-6	HA-9	Total/NA	Solid	8015NM Prep	
890-8362-7	HA-10	Total/NA	Solid	8015NM Prep	
890-8362-8	HA-10	Total/NA	Solid	8015NM Prep	
890-8362-9	HA-11	Total/NA	Solid	8015NM Prep	
890-8362-10	HA-11	Total/NA	Solid	8015NM Prep	
890-8362-11	HA-12	Total/NA	Solid	8015NM Prep	
890-8362-12	HA-12	Total/NA	Solid	8015NM Prep	
MB 880-113558/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-113558/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-113558/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-8362-1 MS	HA-7	Total/NA	Solid	8015NM Prep	
890-8362-1 MSD	HA-7	Total/NA	Solid	8015NM Prep	

Analysis Batch: 113616

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8362-1	HA-7	Total/NA	Solid	8015B NM	113558
890-8362-2	HA-7	Total/NA	Solid	8015B NM	113558
890-8362-3	HA-8	Total/NA	Solid	8015B NM	113558
890-8362-4	HA-8	Total/NA	Solid	8015B NM	113558
890-8362-5	HA-9	Total/NA	Solid	8015B NM	113558
890-8362-6	HA-9	Total/NA	Solid	8015B NM	113558
890-8362-7	HA-10	Total/NA	Solid	8015B NM	113558
890-8362-8	HA-10	Total/NA	Solid	8015B NM	113558
890-8362-9	HA-11	Total/NA	Solid	8015B NM	113558
890-8362-10	HA-11	Total/NA	Solid	8015B NM	113558
890-8362-11	HA-12	Total/NA	Solid	8015B NM	113558
890-8362-12	HA-12	Total/NA	Solid	8015B NM	113558
MB 880-113558/1-A	Method Blank	Total/NA	Solid	8015B NM	113558
LCS 880-113558/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	113558
LCSD 880-113558/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	113558
890-8362-1 MS	HA-7	Total/NA	Solid	8015B NM	113558
890-8362-1 MSD	HA-7	Total/NA	Solid	8015B NM	113558

Analysis Batch: 113687

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8362-1	HA-7	Total/NA	Solid	8015 NM	
890-8362-2	HA-7	Total/NA	Solid	8015 NM	
890-8362-3	HA-8	Total/NA	Solid	8015 NM	
890-8362-4	HA-8	Total/NA	Solid	8015 NM	
890-8362-5	HA-9	Total/NA	Solid	8015 NM	
890-8362-6	HA-9	Total/NA	Solid	8015 NM	
890-8362-7	HA-10	Total/NA	Solid	8015 NM	
890-8362-8	HA-10	Total/NA	Solid	8015 NM	
890-8362-9	HA-11	Total/NA	Solid	8015 NM	
890-8362-10	HA-11	Total/NA	Solid	8015 NM	
890-8362-11	HA-12	Total/NA	Solid	8015 NM	

QC Association Summary

Client: Earth Systems Response and Restoration
Project/Site: Fadeaway Ridge Compressor Station

Job ID: 890-8362-1
SDG: Eddy County, NM

GC Semi VOA (Continued)

Analysis Batch: 113687 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8362-12	HA-12	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 113589

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8362-1	HA-7	Soluble	Solid	DI Leach	
890-8362-2	HA-7	Soluble	Solid	DI Leach	
890-8362-3	HA-8	Soluble	Solid	DI Leach	
890-8362-4	HA-8	Soluble	Solid	DI Leach	
890-8362-5	HA-9	Soluble	Solid	DI Leach	
MB 880-113589/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-113589/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-113589/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	

Leach Batch: 113590

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8362-6	HA-9	Soluble	Solid	DI Leach	
890-8362-7	HA-10	Soluble	Solid	DI Leach	
890-8362-8	HA-10	Soluble	Solid	DI Leach	
890-8362-9	HA-11	Soluble	Solid	DI Leach	
890-8362-10	HA-11	Soluble	Solid	DI Leach	
890-8362-11	HA-12	Soluble	Solid	DI Leach	
890-8362-12	HA-12	Soluble	Solid	DI Leach	
MB 880-113590/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-113590/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-113590/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
890-8362-6 MS	HA-9	Soluble	Solid	DI Leach	
890-8362-6 MSD	HA-9	Soluble	Solid	DI Leach	

Analysis Batch: 113620

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8362-1	HA-7	Soluble	Solid	300.0	113589
890-8362-2	HA-7	Soluble	Solid	300.0	113589
890-8362-3	HA-8	Soluble	Solid	300.0	113589
890-8362-4	HA-8	Soluble	Solid	300.0	113589
890-8362-5	HA-9	Soluble	Solid	300.0	113589
MB 880-113589/1-A	Method Blank	Soluble	Solid	300.0	113589
LCS 880-113589/2-A	Lab Control Sample	Soluble	Solid	300.0	113589
LCSD 880-113589/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	113589

Analysis Batch: 113633

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8362-6	HA-9	Soluble	Solid	300.0	113590
890-8362-7	HA-10	Soluble	Solid	300.0	113590
890-8362-8	HA-10	Soluble	Solid	300.0	113590
890-8362-9	HA-11	Soluble	Solid	300.0	113590
890-8362-10	HA-11	Soluble	Solid	300.0	113590
890-8362-11	HA-12	Soluble	Solid	300.0	113590
890-8362-12	HA-12	Soluble	Solid	300.0	113590
MB 880-113590/1-A	Method Blank	Soluble	Solid	300.0	113590

QC Association Summary

Client: Earth Systems Response and Restoration
Project/Site: Fadeaway Ridge Compressor Station

Job ID: 890-8362-1
SDG: Eddy County, NM

HPLC/IC (Continued)

Analysis Batch: 113633 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 880-113590/2-A	Lab Control Sample	Soluble	Solid	300.0	113590
LCSD 880-113590/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	113590
890-8362-6 MS	HA-9	Soluble	Solid	300.0	113590
890-8362-6 MSD	HA-9	Soluble	Solid	300.0	113590

Lab Chronicle

Client: Earth Systems Response and Restoration
Project/Site: Fadeaway Ridge Compressor Station

Job ID: 890-8362-1
SDG: Eddy County, NM

Client Sample ID: HA-7
Date Collected: 07/01/25 14:40
Date Received: 07/02/25 08:00

Lab Sample ID: 890-8362-1
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			5.03 g	5 mL	113563	07/02/25 14:57	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	113584	07/03/25 14:33	EL	EET MID
Total/NA	Analysis	Total BTEX		1			113720	07/03/25 14:33	SA	EET MID
Total/NA	Analysis	8015 NM		1			113687	07/03/25 11:37	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	113558	07/02/25 13:44	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	113616	07/03/25 11:37	TKC	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	113589	07/03/25 09:26	SA	EET MID
Soluble	Analysis	300.0		1			113620	07/03/25 17:39	SMC	EET MID

Client Sample ID: HA-7
Date Collected: 07/01/25 14:45
Date Received: 07/02/25 08:00

Lab Sample ID: 890-8362-2
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	113563	07/02/25 14:57	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	113584	07/03/25 14:53	EL	EET MID
Total/NA	Analysis	Total BTEX		1			113720	07/03/25 14:53	SA	EET MID
Total/NA	Analysis	8015 NM		1			113687	07/03/25 12:23	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	113558	07/02/25 13:44	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	113616	07/03/25 12:23	TKC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	113589	07/03/25 09:26	SA	EET MID
Soluble	Analysis	300.0		1			113620	07/03/25 17:46	SMC	EET MID

Client Sample ID: HA-8
Date Collected: 07/01/25 14:50
Date Received: 07/02/25 08:00

Lab Sample ID: 890-8362-3
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			5.01 g	5 mL	113563	07/02/25 14:57	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	113584	07/03/25 15:14	EL	EET MID
Total/NA	Analysis	Total BTEX		1			113720	07/03/25 15:14	SA	EET MID
Total/NA	Analysis	8015 NM		1			113687	07/03/25 12:39	SA	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	113558	07/02/25 13:44	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	113616	07/03/25 12:39	TKC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	113589	07/03/25 09:26	SA	EET MID
Soluble	Analysis	300.0		1			113620	07/03/25 17:53	SMC	EET MID

Client Sample ID: HA-8
Date Collected: 07/01/25 14:55
Date Received: 07/02/25 08:00

Lab Sample ID: 890-8362-4
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			4.99 g	5 mL	113563	07/02/25 14:57	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	113584	07/03/25 16:47	EL	EET MID
Total/NA	Analysis	Total BTEX		1			113720	07/03/25 16:47	SA	EET MID

Lab Chronicle

Client: Earth Systems Response and Restoration
Job ID: 890-8362-1
Project/Site: Fadeaway Ridge Compressor Station
SDG: Eddy County, NM

Client Sample ID: HA-8
Lab Sample ID: 890-8362-4
Date Collected: 07/01/25 14:55
Matrix: Solid
Date Received: 07/02/25 08:00

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			113687	07/03/25 12:55	SA	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	113558	07/02/25 13:44	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	113616	07/03/25 12:55	TKC	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	113589	07/03/25 09:26	SA	EET MID
Soluble	Analysis	300.0		1			113620	07/03/25 18:01	SMC	EET MID

Client Sample ID: HA-9
Lab Sample ID: 890-8362-5
Date Collected: 07/01/25 15:00
Matrix: Solid
Date Received: 07/02/25 08:00

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	113563	07/02/25 14:57	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	113584	07/03/25 17:08	EL	EET MID
Total/NA	Analysis	Total BTEX		1			113720	07/03/25 17:08	SA	EET MID
Total/NA	Analysis	8015 NM		1			113687	07/03/25 13:11	SA	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	113558	07/02/25 13:44	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	113616	07/03/25 13:11	TKC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	113589	07/03/25 09:26	SA	EET MID
Soluble	Analysis	300.0		1			113620	07/03/25 18:08	SMC	EET MID

Client Sample ID: HA-9
Lab Sample ID: 890-8362-6
Date Collected: 07/01/25 15:05
Matrix: Solid
Date Received: 07/02/25 08:00

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	113563	07/02/25 14:57	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	113584	07/03/25 17:28	EL	EET MID
Total/NA	Analysis	Total BTEX		1			113720	07/03/25 17:28	SA	EET MID
Total/NA	Analysis	8015 NM		1			113687	07/03/25 13:27	SA	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	113558	07/02/25 13:44	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	113616	07/03/25 13:27	TKC	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	113590	07/03/25 09:31	SA	EET MID
Soluble	Analysis	300.0		1			113633	07/03/25 15:21	SMC	EET MID

Client Sample ID: HA-10
Lab Sample ID: 890-8362-7
Date Collected: 07/01/25 15:10
Matrix: Solid
Date Received: 07/02/25 08:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	113563	07/02/25 14:57	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	113584	07/03/25 17:49	EL	EET MID
Total/NA	Analysis	Total BTEX		1			113720	07/03/25 17:49	SA	EET MID
Total/NA	Analysis	8015 NM		1			113687	07/03/25 13:42	SA	EET MID
Total/NA	Prep	8015NM Prep			10.08 g	10 mL	113558	07/02/25 13:44	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	113616	07/03/25 13:42	TKC	EET MID

Lab Chronicle

Client: Earth Systems Response and Restoration
Project/Site: Fadeaway Ridge Compressor Station

Job ID: 890-8362-1
SDG: Eddy County, NM

Client Sample ID: HA-10
Date Collected: 07/01/25 15:10
Date Received: 07/02/25 08:00

Lab Sample ID: 890-8362-7
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	113590	07/03/25 09:31	SA	EET MID
Soluble	Analysis	300.0		1			113633	07/03/25 15:38	SMC	EET MID

Client Sample ID: HA-10
Date Collected: 07/01/25 15:15
Date Received: 07/02/25 08:00

Lab Sample ID: 890-8362-8
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			5.03 g	5 mL	113563	07/02/25 14:57	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	113584	07/03/25 18:09	EL	EET MID
Total/NA	Analysis	Total BTEX		1			113720	07/03/25 18:09	SA	EET MID
Total/NA	Analysis	8015 NM		1			113687	07/03/25 13:58	SA	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10 mL	113558	07/02/25 13:44	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	113616	07/03/25 13:58	TKC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	113590	07/03/25 09:31	SA	EET MID
Soluble	Analysis	300.0		1			113633	07/03/25 15:43	SMC	EET MID

Client Sample ID: HA-11
Date Collected: 07/01/25 15:20
Date Received: 07/02/25 08:00

Lab Sample ID: 890-8362-9
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	113563	07/02/25 14:57	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	113584	07/03/25 18:30	EL	EET MID
Total/NA	Analysis	Total BTEX		1			113720	07/03/25 18:30	SA	EET MID
Total/NA	Analysis	8015 NM		1			113687	07/03/25 14:13	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	113558	07/02/25 13:44	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	113616	07/03/25 14:13	TKC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	113590	07/03/25 09:31	SA	EET MID
Soluble	Analysis	300.0		1			113633	07/03/25 15:49	SMC	EET MID

Client Sample ID: HA-11
Date Collected: 07/01/25 15:25
Date Received: 07/02/25 08:00

Lab Sample ID: 890-8362-10
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	113563	07/02/25 14:57	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	113584	07/03/25 18:50	EL	EET MID
Total/NA	Analysis	Total BTEX		1			113720	07/03/25 18:50	SA	EET MID
Total/NA	Analysis	8015 NM		1			113687	07/03/25 14:30	SA	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	113558	07/02/25 13:44	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	113616	07/03/25 14:30	TKC	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	113590	07/03/25 09:31	SA	EET MID
Soluble	Analysis	300.0		1			113633	07/03/25 15:55	SMC	EET MID

Lab Chronicle

Client: Earth Systems Response and Restoration
Job ID: 890-8362-1
Project/Site: Fadeaway Ridge Compressor Station
SDG: Eddy County, NM

Client Sample ID: HA-12
Lab Sample ID: 890-8362-11
Date Collected: 07/01/25 15:30
Matrix: Solid
Date Received: 07/02/25 08:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	113563	07/02/25 14:57	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	113584	07/03/25 19:11	EL	EET MID
Total/NA	Analysis	Total BTEX		1			113720	07/03/25 19:11	SA	EET MID
Total/NA	Analysis	8015 NM		1			113687	07/03/25 15:01	SA	EET MID
Total/NA	Prep	8015NM Prep			10.07 g	10 mL	113558	07/02/25 13:44	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	113616	07/03/25 15:01	TKC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	113590	07/03/25 09:31	SA	EET MID
Soluble	Analysis	300.0		1			113633	07/03/25 16:12	SMC	EET MID

Client Sample ID: HA-12
Lab Sample ID: 890-8362-12
Date Collected: 07/01/25 15:35
Matrix: Solid
Date Received: 07/02/25 08:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	113563	07/02/25 14:57	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	113584	07/03/25 19:31	EL	EET MID
Total/NA	Analysis	Total BTEX		1			113720	07/03/25 19:31	SA	EET MID
Total/NA	Analysis	8015 NM		1			113687	07/03/25 15:17	SA	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	113558	07/02/25 13:44	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	113616	07/03/25 15:17	TKC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	113590	07/03/25 09:31	SA	EET MID
Soluble	Analysis	300.0		1			113633	07/03/25 16:17	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: 890-8362-1
Project/Site: Fadeaway Ridge Compressor Station
SDG: Eddy 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: Fadeaway Ridge Compressor Station

Job ID: 890-8362-1
SDG: Eddy 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: Fadeaway Ridge Compressor Station

Job ID: 890-8362-1
SDG: Eddy County, NM

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Depth
890-8362-1	HA-7	Solid	07/01/25 14:40	07/02/25 08:00	0.5
890-8362-2	HA-7	Solid	07/01/25 14:45	07/02/25 08:00	4
890-8362-3	HA-8	Solid	07/01/25 14:50	07/02/25 08:00	0.5
890-8362-4	HA-8	Solid	07/01/25 14:55	07/02/25 08:00	4
890-8362-5	HA-9	Solid	07/01/25 15:00	07/02/25 08:00	0.5
890-8362-6	HA-9	Solid	07/01/25 15:05	07/02/25 08:00	4
890-8362-7	HA-10	Solid	07/01/25 15:10	07/02/25 08:00	0.5
890-8362-8	HA-10	Solid	07/01/25 15:15	07/02/25 08:00	4
890-8362-9	HA-11	Solid	07/01/25 15:20	07/02/25 08:00	0.5
890-8362-10	HA-11	Solid	07/01/25 15:25	07/02/25 08:00	4
890-8362-11	HA-12	Solid	07/01/25 15:30	07/02/25 08:00	0.5
890-8362-12	HA-12	Solid	07/01/25 15:35	07/02/25 08:00	4

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Chain of Custody

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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

890-8362 Chain of Custody

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

Program: U
State of Project:
Reporting: Level II ☐ Level III ☐ PST/UST ☐ TRRP ☐ Level IV ☐
Deliverables: EDD ☐ ADaPT ☐ Other:

Project Name:	Fadeaway Ridge Compressor Station	Turn Around	
Project Number:	640	☑ Routine ☐ Rush	
Project Location:	Eddy County, NM	Due Date:	Routine TAT
Sampler's Name:	Santiago Giron	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:	TM002
Cooler Custody Seals:	Yes No (N/A)	Correction Factor:	-0.2
Sample Custody Seals:	Yes No (N/A)	Temperature Reading:	-2.4
Total Containers:		Corrected Temperature:	-2.2

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 (feet)	Grab/ Comp	# of Cont	TPH -NM	Chloride-NM	BTEX-NM	Hold	24 Hr Rush	Sample Comments
HA-7	S	7.1.25	14:40	0.5	Grab/	1	X	X	X			Incident Number
HA-7	S	7.1.25	14:45	4	Grab/	1	X	X	X			nAPP2516830043
HA-8	S	7.1.25	14:50	0.5	Grab/	1	X	X	X			
HA-8	S	7.1.25	14:55	4	Grab/	1	X	X	X			
HA-9	S	7.1.25	15:00	0.5	Grab/	1	X	X	X			
HA-9	S	7.1.25	15:05	4	Grab/	1	X	X	X			
HA-10	S	7.1.25	15:10	0.5	Grab/	1	X	X	X			
HA-10	S	7.1.25	15:15	4	Grab/	1	X	X	X			
HA-11	S	7.1.25	15:20	0.5	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

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
0		7/2 8a	2		
3			4		
5			6		

Revised Date: 08/25/2020 Rev. 2020.2

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Chain of Custody

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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)	
Company Name:	Earth Systems R&R	Company Name:	Earth Systems
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:	Fadeaway Ridge Compressor Station	Turn Around	
Project Number:	640	☑ Routine ☐ Rush	
Project Location:	Eddy County, NM	Due Date:	Routine TAT
Sampler's Name:	Santiago Giron	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:	TM007
Cooler Custody Seals:	Yes / No / N/A	Correction Factor:	-0.2
Sample Custody Seals:	Yes / No / N/A	Temperature Reading:	-2.4
Total Containers:		Corrected Temperature:	-2.2

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 (feet)	Grab/ Comp	# of Cont	TPH -NM	Chloride-NM	BTEX-NM	Hold	24 Hr Rush	Sample Comments
HA-11	S	7.1.25	15:25	4	Grab/	1	X	X	X			Incident Number
HA-12	S	7.1.25	15:30	0.5	Grab/	1	X	X	X			nAPP2516830043
HA-12	S	7.1.25	15:35	4	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
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
0		7/2 8a	2		
3			4		
5			6		

Revised Date: 08/25/2020 Rev. 2020.2

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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: 890-5341.1
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 #: 890-8362-1
Address: 1211 W. Florida Ave, ,	Due Date Requested: 7/9/2025			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: Fadeaway Ridge Compressor Station	Project #: 88002337			
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_Calc/8015_Calc	300_ORGFM_28D/DI_LEACHChloride	8021B/5035FP_Calc(MOD) BTEX	Total_BTEX_GCV(MOD) Total BTEX	Total Number of containers	Special Instructions/Note:
			Preservation Code:										
HA-7 (890-8362-1)	7/1/25	14:40 Mountain	G	Solid			X	X	X	X	X	1	
HA-7 (890-8362-2)	7/1/25	14:45 Mountain	G	Solid			X	X	X	X	X	1	
HA-8 (890-8362-3)	7/1/25	14:50 Mountain	G	Solid			X	X	X	X	X	1	
HA-8 (890-8362-4)	7/1/25	14:55 Mountain	G	Solid			X	X	X	X	X	1	
HA-9 (890-8362-5)	7/1/25	15:00 Mountain	G	Solid			X	X	X	X	X	1	
HA-9 (890-8362-6)	7/1/25	15:05 Mountain	G	Solid			X	X	X	X	X	1	
HA-10 (890-8362-7)	7/1/25	15:10 Mountain	G	Solid			X	X	X	X	X	1	
HA-10 (890-8362-8)	7/1/25	15:15 Mountain	G	Solid			X	X	X	X	X	1	
HA-11 (890-8362-9)	7/1/25	15:20 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
Relinquished by:	Date/Time:	Company	Received by:	Date/Time: 7/3/25 800	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. 2.5/2.4 -.1 TR8

Ver: 10/10/2024

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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: 890-5340.3
Client Contact: Shipping/Receiving	Phone: N/A	E-Mail: Brianna.Teel@et.eurofinsus.com	State of Origin: New Mexico	Page: Page 3 of 3
Company: Eurofins Environment Testing South Centr		Accreditations Required (See note): NELAP - Texas		Job #: 890-8361-1
Address: 1211 W. Florida Ave, ,	Due Date Requested: 7/9/2025			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: FADEAWAY RIDGE COMPERESSOR STATION	Project #: 88002337			
Site: N/A	SSOW#: N/A			Other: N/A

Analysis Requested

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_Calc(MOD) BTEX	Total_BTEX_GCV(MOD) Total BTEX	Total Number of containers	Special Instructions/Note:
			Preservation Code:										
HA - 6 (890-8361-19)	7/1/25	14:30 Mountain	G	Solid			X	X	X	X	X	1	
HA - 6 (890-8361-20)	7/1/25	14:35 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
	Relinquished by:	Date/Time:	Company	Received by:	Date/Time: 7/3/25 700	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

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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: 890-5340.2
Client Contact: Shipping/Receiving	Phone: N/A	E-Mail: Brianna.Teel@et.eurofinsus.com	State of Origin: New Mexico	Page: Page 2 of 3
Company: Eurofins Environment Testing South Centr		Accreditations Required (See note): NELAP - Texas		Job #: 890-8361-1
Address: 1211 W. Florida Ave, ,	Due Date Requested: 7/9/2025			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: FADEAWAY RIDGE COMPERESSOR STATION	Project #: 88002337			
Site: N/A	SSOW#: N/A			Other: N/A

Analysis Requested

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_Calc(MOD) BTEX	Total_BTEX_GCV(MOD) Total BTEX	Total Number of containers	Special Instructions/Note:
			Preservation Code:										
HA - 4 (890-8361-10)	7/1/25	13:45 Mountain	G	Solid			X	X	X	X	X	1	
HA - 4 (890-8361-11)	7/1/25	13:50 Mountain	G	Solid			X	X	X	X	X	1	
HA - 4 (890-8361-12)	7/1/25	13:55 Mountain	G	Solid			X	X	X	X	X	1	
HA - 4 (890-8361-13)	7/1/25	14:00 Mountain	G	Solid			X	X	X	X	X	1	
HA - 4 (890-8361-14)	7/1/25	14:05 Mountain	G	Solid			X	X	X	X	X	1	
HA - 5 (890-8361-15)	7/1/25	14:10 Mountain	G	Solid			X	X	X	X	X	1	
HA - 5 (890-8361-16)	7/1/25	14:15 Mountain	G	Solid			X	X	X	X	X	1	
HA - 5 (890-8361-17)	7/1/25	14:20 Mountain	G	Solid			X	X	X	X	X	1	
HA - 6 (890-8361-18)	7/1/25	14:25 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
1	[signature]	7/2 1630		EA		
2				[signature]	7/3/25 800	
3						

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

Ver: 10/10/2024

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Login Sample Receipt Checklist

Client: Earth Systems Response and Restoration

Job Number: 890-8362-1
SDG Number: Eddy County, NM

Login Number: 8362
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: 890-8362-1
SDG Number: Eddy County, NM

Login Number: 8362
List Number: 2
Creator: Vasquez, Julisa

List Source: Eurofins Midland
List Creation: 07/03/25 08:18 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
4115 South County Road 1297
Odessa, Texas 79765

Generated 8/18/2025 1:48:14 PM

JOB DESCRIPTION

Fadeway Ridge Compressor Station
Eddy County, NM

JOB NUMBER

890-8631-1

Eurofins Carlsbad
1089 N Canal St.
Carlsbad NM 88220

See page two for job notes and contact information.

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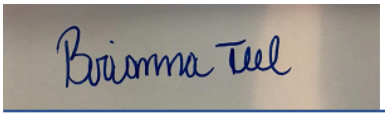
Eurofins Carlsbad

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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Authorized for release by
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Client: Earth Systems Response and Restoration
Project/Site: Fadeway Ridge Compressor Station

Laboratory Job ID: 890-8631-1
SDG: Eddy County, NM

Table of Contents

Definitions/Glossary

Client: Earth Systems Response and Restoration
Project/Site: Fadeway Ridge Compressor Station

Job ID: 890-8631-1
SDG: Eddy 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: 890-8631-1
Project: Fadeway Ridge Compressor Station

Job ID: 890-8631-1 Eurofins Carlsbad

Job Narrative
890-8631-1

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 8/15/2025 2:51 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 - 1 (890-8631-1).

GC VOA
Method 8021B: The surrogate recovery for the blank associated with preparation batch 880-116580 and analytical batch 880-116862 was outside the upper control limits.

Method 8021B: Surrogate recovery for the following sample was outside control limits: CS - 1 (890-8631-1). 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
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: Fadeway Ridge Compressor Station

Job ID: 890-8631-1
SDG: Eddy County, NM

Client Sample ID: CS - 1

Date Collected: 08/15/25 13:00
Date Received: 08/15/25 14:51
Sample Depth: 1

Lab Sample ID: 890-8631-1

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		08/16/25 17:00	08/17/25 04:27	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/16/25 17:00	08/17/25 04:27	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/16/25 17:00	08/17/25 04:27	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		08/16/25 17:00	08/17/25 04:27	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/16/25 17:00	08/17/25 04:27	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		08/16/25 17:00	08/17/25 04:27	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*139*	*S1+*	*70 - 130*	*08/16/25 17:00*	*08/17/25 04:27*	*1*
1,4-Difluorobenzene (Surr)	*108*		*70 - 130*	*08/16/25 17:00*	*08/17/25 04:27*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00400	U	0.00400		mg/Kg			08/17/25 04:27	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			08/18/25 11:45	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	<50.0	U	50.0		mg/Kg		08/17/25 17:35	08/18/25 11:45	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/17/25 17:35	08/18/25 11:45	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/17/25 17:35	08/18/25 11:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*72*		*70 - 130*	*08/17/25 17:35*	*08/18/25 11:45*	*1*
o-Terphenyl	*72*		*70 - 130*	*08/17/25 17:35*	*08/18/25 11:45*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0		mg/Kg			08/18/25 10:52	1

Surrogate Summary

Client: Earth Systems Response and Restoration
Project/Site: Fadeway Ridge Compressor Station

Job ID: 890-8631-1
SDG: Eddy 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)
890-8631-1	CS - 1	139 S1+	108
LCS 880-116580/1-A	Lab Control Sample	96	78
LCSD 880-116580/2-A	Lab Control Sample Dup	99	79
MB 880-116580/5-A	Method Blank	216 S1+	117

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)
890-8631-1	CS - 1	72	72
890-8631-1 MS	CS - 1	73	77
890-8631-1 MSD	CS - 1	72	77
LCS 880-116866/2-A	Lab Control Sample	74	82
LCSD 880-116866/3-A	Lab Control Sample Dup	93	81
MB 880-116866/1-A	Method Blank	79	81

Surrogate Legend

1CO = 1-Chlorooctane
OTPH = o-Terphenyl

QC Sample Results

Client: Earth Systems Response and Restoration
Project/Site: Fadeway Ridge Compressor Station

Job ID: 890-8631-1
SDG: Eddy County, NM

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-116580/5-A
Matrix: Solid
Analysis Batch: 116862

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 116580

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		08/13/25 09:15	08/16/25 20:20	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/13/25 09:15	08/16/25 20:20	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/13/25 09:15	08/16/25 20:20	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		08/13/25 09:15	08/16/25 20:20	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/13/25 09:15	08/16/25 20:20	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		08/13/25 09:15	08/16/25 20:20	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*216*	*S1+*	*70 - 130*	*08/13/25 09:15*	*08/16/25 20:20*	*1*
1,4-Difluorobenzene (Surr)	*117*		*70 - 130*	*08/13/25 09:15*	*08/16/25 20:20*	*1*

Lab Sample ID: LCS 880-116580/1-A
Matrix: Solid
Analysis Batch: 116862

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 116580

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene			0.100	0.08615		mg/Kg		86	70 - 130		
Toluene			0.100	0.07130		mg/Kg		71	70 - 130		
Ethylbenzene			0.100	0.08164		mg/Kg		82	70 - 130		
m-Xylene & p-Xylene			0.200	0.1912		mg/Kg		96	70 - 130		
o-Xylene			0.100	0.1039		mg/Kg		104	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*96*		*70 - 130*
1,4-Difluorobenzene (Surr)	*78*		*70 - 130*

Lab Sample ID: LCSD 880-116580/2-A
Matrix: Solid
Analysis Batch: 116862

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 116580

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene			0.100	0.08534		mg/Kg		85	70 - 130	1	35
Toluene			0.100	0.07901		mg/Kg		79	70 - 130	10	35
Ethylbenzene			0.100	0.07547		mg/Kg		75	70 - 130	8	35
m-Xylene & p-Xylene			0.200	0.1778		mg/Kg		89	70 - 130	7	35
o-Xylene			0.100	0.1063		mg/Kg		106	70 - 130	2	35

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*99*		*70 - 130*
1,4-Difluorobenzene (Surr)	*79*		*70 - 130*

QC Sample Results

Client: Earth Systems Response and Restoration
Project/Site: Fadeway Ridge Compressor Station

Job ID: 890-8631-1
SDG: Eddy County, NM

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

Lab Sample ID: MB 880-116866/1-A
Matrix: Solid
Analysis Batch: 116927

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 116866

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		08/17/25 17:35	08/18/25 09:20	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/17/25 17:35	08/18/25 09:20	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/17/25 17:35	08/18/25 09:20	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*79*		*70 - 130*	*08/17/25 17:35*	*08/18/25 09:20*	*1*
o-Terphenyl	*81*		*70 - 130*	*08/17/25 17:35*	*08/18/25 09:20*	*1*

Lab Sample ID: LCS 880-116866/2-A
Matrix: Solid
Analysis Batch: 116927

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 116866

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10			1000	1077		mg/Kg		108	70 - 130		
Diesel Range Organics (Over C10-C28)			1000	1059		mg/Kg		106	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1-Chlorooctane	*74*		*70 - 130*
o-Terphenyl	*82*		*70 - 130*

Lab Sample ID: LCSD 880-116866/3-A
Matrix: Solid
Analysis Batch: 116927

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 116866

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	1101		mg/Kg		110	70 - 130	2	20
Diesel Range Organics (Over C10-C28)			1000	1012		mg/Kg		101	70 - 130	5	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1-Chlorooctane	*93*		*70 - 130*
o-Terphenyl	*81*		*70 - 130*

Lab Sample ID: 890-8631-1 MS
Matrix: Solid
Analysis Batch: 116927

Client Sample ID: CS - 1
Prep Type: Total/NA
Prep Batch: 116866

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	999	956.7		mg/Kg		96	70 - 130		
Diesel Range Organics (Over C10-C28)	<50.0	U	999	976.5		mg/Kg		95	70 - 130		

QC Sample Results

Client: Earth Systems Response and Restoration
Project/Site: Fadeway Ridge Compressor Station

Job ID: 890-8631-1
SDG: Eddy County, NM

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

Lab Sample ID: 890-8631-1 MS
Matrix: Solid
Analysis Batch: 116927

Client Sample ID: CS - 1
Prep Type: Total/NA
Prep Batch: 116866

Surrogate	MS %Recovery	MS Qualifier	Limits
1-Chlorooctane	73		70 - 130
o-Terphenyl	77		70 - 130

Lab Sample ID: 890-8631-1 MSD
Matrix: Solid
Analysis Batch: 116927

Client Sample ID: CS - 1
Prep Type: Total/NA
Prep Batch: 116866

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	999	965.1		mg/Kg		97	70 - 130	1	20
Diesel Range Organics (Over C10-C28)	<50.0	U	999	995.9		mg/Kg		97	70 - 130	2	20

Surrogate	MSD %Recovery	MSD Qualifier	Limits
1-Chlorooctane	72		70 - 130
o-Terphenyl	77		70 - 130

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-116836/1-A
Matrix: Solid
Analysis Batch: 116875

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			08/18/25 08:58	1

Lab Sample ID: LCS 880-116836/2-A
Matrix: Solid
Analysis Batch: 116875

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	238.8		mg/Kg		96	90 - 110

Lab Sample ID: LCSD 880-116836/3-A
Matrix: Solid
Analysis Batch: 116875

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	238.7		mg/Kg		95	90 - 110	0	20

QC Association Summary

Client: Earth Systems Response and Restoration
Project/Site: Fadeway Ridge Compressor Station

Job ID: 890-8631-1
SDG: Eddy County, NM

GC VOA

Prep Batch: 116580

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8631-1	CS - 1	Total/NA	Solid	5035	
MB 880-116580/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-116580/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-116580/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	

Analysis Batch: 116862

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8631-1	CS - 1	Total/NA	Solid	8021B	116580
MB 880-116580/5-A	Method Blank	Total/NA	Solid	8021B	116580
LCS 880-116580/1-A	Lab Control Sample	Total/NA	Solid	8021B	116580
LCSD 880-116580/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	116580

Analysis Batch: 116951

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8631-1	CS - 1	Total/NA	Solid	Total BTEX	

GC Semi VOA

Prep Batch: 116866

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8631-1	CS - 1	Total/NA	Solid	8015NM Prep	
MB 880-116866/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-116866/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-116866/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-8631-1 MS	CS - 1	Total/NA	Solid	8015NM Prep	
890-8631-1 MSD	CS - 1	Total/NA	Solid	8015NM Prep	

Analysis Batch: 116927

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8631-1	CS - 1	Total/NA	Solid	8015B NM	116866
MB 880-116866/1-A	Method Blank	Total/NA	Solid	8015B NM	116866
LCS 880-116866/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	116866
LCSD 880-116866/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	116866
890-8631-1 MS	CS - 1	Total/NA	Solid	8015B NM	116866
890-8631-1 MSD	CS - 1	Total/NA	Solid	8015B NM	116866

Analysis Batch: 116969

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8631-1	CS - 1	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 116836

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8631-1	CS - 1	Soluble	Solid	DI Leach	
MB 880-116836/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-116836/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-116836/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	

Analysis Batch: 116875

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8631-1	CS - 1	Soluble	Solid	300.0	116836

QC Association Summary

Client: Earth Systems Response and Restoration
Project/Site: Fadeway Ridge Compressor Station

Job ID: 890-8631-1
SDG: Eddy County, NM

HPLC/IC (Continued)

Analysis Batch: 116875 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-116836/1-A	Method Blank	Soluble	Solid	300.0	116836
LCS 880-116836/2-A	Lab Control Sample	Soluble	Solid	300.0	116836
LCSD 880-116836/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	116836

Lab Chronicle

Client: Earth Systems Response and Restoration
Job ID: 890-8631-1
Project/Site: Fadeway Ridge Compressor Station
SDG: Eddy County, NM

Client Sample ID: CS - 1
Lab Sample ID: 890-8631-1

Date Collected: 08/15/25 13:00
Matrix: Solid

Date Received: 08/15/25 14:51

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	116580	08/16/25 17:00	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	116862	08/17/25 04:27	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			116951	08/17/25 04:27	SA	EET MID
Total/NA	Analysis	8015 NM		1			116969	08/18/25 11:45	SA	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	116866	08/17/25 17:35	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	116927	08/18/25 11:45	TKC	EET MID
Soluble	Leach	DI Leach			5.00 g	50 mL	116836	08/16/25 10:34	SMC	EET MID
Soluble	Analysis	300.0		1			116875	08/18/25 10:52	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: 890-8631-1
Project/Site: Fadeway Ridge Compressor Station
SDG: Eddy 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: Fadeway Ridge Compressor Station

Job ID: 890-8631-1
SDG: Eddy 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: Fadeway Ridge Compressor Station

Job ID: 890-8631-1
SDG: Eddy County, NM

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Depth
890-8631-1	CS - 1	Solid	08/15/25 13:00	08/15/25 14:51	1

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8/18/2025

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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 1

Project Manager:	Gilbert Moreno	Bill to: (if different)	
Company Name:	Earth Systems R&R	Company Name:	Earth Systems R&R
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:	Fadeaway Ridge Compressor Station	**Turn Around**	
Project Number:	640	☐ Routine ☑ Rush	
Project Location:	Eddy County, NM	Due Date:	24hr Rush TAT
Sampler's Name:	Santiago Giron	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:	TNM001	
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	

ANALYSIS REQUEST

890-8631 Chain of Custody

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 (feet)	Grab/ Comp	# of Cont	Pres. Code	TPH -NM	Chloride-NM	BTEX-NM	Hold	24 Hr Rush
CS-1	S	8.15.25	13:00	1	Comp	1		X	X	X		X

Sample Comments

Incident Number
nAPP2516830043

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
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
0		8/15 1451	2		
3			4		
5			6		

Revised Date: 08/25/2020 Rev. 2020.2

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Received by OCD: 9/22/2025 1:51:15 PM

Released to Imaging: 12/2/2025 3:25:10 PM

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: 890-5673.1
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 #: 890-8631-1
Address: 1211 W. Florida Ave, ,	Due Date Requested: 8/18/2025			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: FADEAWAY RIDGE COMPRESSOR STATION	Project #: 88002337			
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_Calc(MOD) BTEX	Total_BTEX_GCV(MOD) Total BTEX	Total Number of containers	Special Instructions/Note:
			Preservation Code:										
CS - 1 (890-8631-1)	8/15/25	13:00 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	[signature]	8/15 1630		[signature]		
2	Relinquished by:	Date/Time:	Company	Received by:	Date/Time: 8/15/25 800	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: 3.4 | 3.3 -.1 IR

Ver: 10/10/2024

Received by OCD: 9/22/2025 1:51:15 PM
Released to Imaging: 12/2/2025 3:25:10 PM

Login Sample Receipt Checklist

Client: Earth Systems Response and Restoration

Job Number: 890-8631-1
SDG Number: Eddy County, NM

Login Number: 8631
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: 890-8631-1
SDG Number: Eddy County, NM

Login Number: 8631
List Number: 2
Creator: Laing, Edmundo

List Source: Eurofins Midland
List Creation: 08/17/25 05:29 PM

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
4115 South County Road 1297
Odessa, Texas 79765

Generated 8/18/2025 1:48:14 PM

JOB DESCRIPTION

Fadeway Ridge Compressor Station
Eddy County, NM

JOB NUMBER

890-8632-1

Eurofins Carlsbad
1089 N Canal St.
Carlsbad NM 88220

See page two for job notes and contact information.

Released to Imaging: 12/2/2025 3:25:10 PM

my EOL

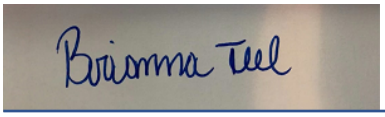
Eurofins Carlsbad

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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8/18/2025 1:48:14 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: Fadeway Ridge Compressor Station

Laboratory Job ID: 890-8632-1
SDG: Eddy County, NM

Table of Contents

Definitions/Glossary

Client: Earth Systems Response and Restoration
Project/Site: Fadeway Ridge Compressor Station

Job ID: 890-8632-1
SDG: Eddy 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: 890-8632-1
Project: Fadeway Ridge Compressor Station

Job ID: 890-8632-1 Eurofins Carlsbad

Job Narrative
890-8632-1

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 8/15/2025 2:53 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.

GC VOA
Method 8021B: The surrogate recovery for the blank associated with preparation batch 880-116580 and analytical batch 880-116862 was outside the upper control limits.

Method 8021B: Surrogate recovery for the following sample was outside control limits: SW-1 (890-8632-1). 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
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: Fadeway Ridge Compressor Station

Job ID: 890-8632-1
SDG: Eddy County, NM

Client Sample ID: SW-1

Date Collected: 08/15/25 13:05
Date Received: 08/15/25 14:53
Sample Depth: 0-1

Lab Sample ID: 890-8632-1

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		08/16/25 17:00	08/17/25 04:47	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/16/25 17:00	08/17/25 04:47	1
Ethylbenzene	**0.00224**		0.00200		mg/Kg		08/16/25 17:00	08/17/25 04:47	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		08/16/25 17:00	08/17/25 04:47	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/16/25 17:00	08/17/25 04:47	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		08/16/25 17:00	08/17/25 04:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*159*	*S1+*	*70 - 130*	*08/16/25 17:00*	*08/17/25 04:47*	*1*
1,4-Difluorobenzene (Surr)	*112*		*70 - 130*	*08/16/25 17:00*	*08/17/25 04:47*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00400	U	0.00400		mg/Kg			08/17/25 04:47	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			08/18/25 12:32	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		08/17/25 17:35	08/18/25 12:32	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		08/17/25 17:35	08/18/25 12:32	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		08/17/25 17:35	08/18/25 12:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*74*		*70 - 130*	*08/17/25 17:35*	*08/18/25 12:32*	*1*
o-Terphenyl	*73*		*70 - 130*	*08/17/25 17:35*	*08/18/25 12:32*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**24.0**		9.96		mg/Kg			08/18/25 10:57	1

Surrogate Summary

Client: Earth Systems Response and Restoration
Project/Site: Fadeway Ridge Compressor Station

Job ID: 890-8632-1
SDG: Eddy 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)
890-8632-1	SW-1	159 S1+	112
LCS 880-116580/1-A	Lab Control Sample	96	78
LCSD 880-116580/2-A	Lab Control Sample Dup	99	79
MB 880-116580/5-A	Method Blank	216 S1+	117

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)
890-8632-1	SW-1	74	73
LCS 880-116866/2-A	Lab Control Sample	74	82
LCSD 880-116866/3-A	Lab Control Sample Dup	93	81
MB 880-116866/1-A	Method Blank	79	81

Surrogate Legend

1CO = 1-Chlorooctane
OTPH = o-Terphenyl

QC Sample Results

Client: Earth Systems Response and Restoration
Project/Site: Fadeway Ridge Compressor Station

Job ID: 890-8632-1
SDG: Eddy County, NM

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-116580/5-A
Matrix: Solid
Analysis Batch: 116862

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 116580

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		08/13/25 09:15	08/16/25 20:20	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/13/25 09:15	08/16/25 20:20	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/13/25 09:15	08/16/25 20:20	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		08/13/25 09:15	08/16/25 20:20	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/13/25 09:15	08/16/25 20:20	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		08/13/25 09:15	08/16/25 20:20	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*216*	*S1+*	*70 - 130*	*08/13/25 09:15*	*08/16/25 20:20*	*1*
1,4-Difluorobenzene (Surr)	*117*		*70 - 130*	*08/13/25 09:15*	*08/16/25 20:20*	*1*

Lab Sample ID: LCS 880-116580/1-A
Matrix: Solid
Analysis Batch: 116862

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 116580

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene			0.100	0.08615		mg/Kg		86	70 - 130		
Toluene			0.100	0.07130		mg/Kg		71	70 - 130		
Ethylbenzene			0.100	0.08164		mg/Kg		82	70 - 130		
m-Xylene & p-Xylene			0.200	0.1912		mg/Kg		96	70 - 130		
o-Xylene			0.100	0.1039		mg/Kg		104	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*96*		*70 - 130*
1,4-Difluorobenzene (Surr)	*78*		*70 - 130*

Lab Sample ID: LCSD 880-116580/2-A
Matrix: Solid
Analysis Batch: 116862

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 116580

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene			0.100	0.08534		mg/Kg		85	70 - 130	1	35
Toluene			0.100	0.07901		mg/Kg		79	70 - 130	10	35
Ethylbenzene			0.100	0.07547		mg/Kg		75	70 - 130	8	35
m-Xylene & p-Xylene			0.200	0.1778		mg/Kg		89	70 - 130	7	35
o-Xylene			0.100	0.1063		mg/Kg		106	70 - 130	2	35

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*99*		*70 - 130*
1,4-Difluorobenzene (Surr)	*79*		*70 - 130*

QC Sample Results

Client: Earth Systems Response and Restoration
Project/Site: Fadeway Ridge Compressor Station

Job ID: 890-8632-1
SDG: Eddy County, NM

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

Lab Sample ID: MB 880-116866/1-A
Matrix: Solid
Analysis Batch: 116927

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 116866

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		08/17/25 17:35	08/18/25 09:20	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/17/25 17:35	08/18/25 09:20	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/17/25 17:35	08/18/25 09:20	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*79*		*70 - 130*	*08/17/25 17:35*	*08/18/25 09:20*	*1*
o-Terphenyl	*81*		*70 - 130*	*08/17/25 17:35*	*08/18/25 09:20*	*1*

Lab Sample ID: LCS 880-116866/2-A
Matrix: Solid
Analysis Batch: 116927

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 116866

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	1077		mg/Kg		108	70 - 130
Diesel Range Organics (Over C10-C28)	1000	1059		mg/Kg		106	70 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1-Chlorooctane	*74*		*70 - 130*
o-Terphenyl	*82*		*70 - 130*

Lab Sample ID: LCSD 880-116866/3-A
Matrix: Solid
Analysis Batch: 116927

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 116866

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	1101		mg/Kg		110	70 - 130	2	20
Diesel Range Organics (Over C10-C28)	1000	1012		mg/Kg		101	70 - 130	5	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1-Chlorooctane	*93*		*70 - 130*
o-Terphenyl	*81*		*70 - 130*

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-116836/1-A
Matrix: Solid
Analysis Batch: 116875

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			08/18/25 08:58	1

QC Sample Results

Client: Earth Systems Response and Restoration
Project/Site: Fadeway Ridge Compressor Station

Job ID: 890-8632-1
SDG: Eddy County, NM

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: LCS 880-116836/2-A
Matrix: Solid
Analysis Batch: 116875

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride			250	238.8		mg/Kg		96	90 - 110		

Lab Sample ID: LCSD 880-116836/3-A
Matrix: Solid
Analysis Batch: 116875

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	238.7		mg/Kg		95	90 - 110	0	20

QC Association Summary

Client: Earth Systems Response and Restoration
Project/Site: Fadeway Ridge Compressor Station

Job ID: 890-8632-1
SDG: Eddy County, NM

GC VOA

Prep Batch: 116580

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8632-1	SW-1	Total/NA	Solid	5035	
MB 880-116580/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-116580/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-116580/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	

Analysis Batch: 116862

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8632-1	SW-1	Total/NA	Solid	8021B	116580
MB 880-116580/5-A	Method Blank	Total/NA	Solid	8021B	116580
LCS 880-116580/1-A	Lab Control Sample	Total/NA	Solid	8021B	116580
LCSD 880-116580/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	116580

Analysis Batch: 116952

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8632-1	SW-1	Total/NA	Solid	Total BTEX	

GC Semi VOA

Prep Batch: 116866

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8632-1	SW-1	Total/NA	Solid	8015NM Prep	
MB 880-116866/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-116866/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-116866/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	

Analysis Batch: 116927

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8632-1	SW-1	Total/NA	Solid	8015B NM	116866
MB 880-116866/1-A	Method Blank	Total/NA	Solid	8015B NM	116866
LCS 880-116866/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	116866
LCSD 880-116866/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	116866

Analysis Batch: 116970

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8632-1	SW-1	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 116836

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8632-1	SW-1	Soluble	Solid	DI Leach	
MB 880-116836/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-116836/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-116836/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	

Analysis Batch: 116875

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8632-1	SW-1	Soluble	Solid	300.0	116836
MB 880-116836/1-A	Method Blank	Soluble	Solid	300.0	116836
LCS 880-116836/2-A	Lab Control Sample	Soluble	Solid	300.0	116836
LCSD 880-116836/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	116836

Lab Chronicle

Client: Earth Systems Response and Restoration
Job ID: 890-8632-1
Project/Site: Fadeway Ridge Compressor Station
SDG: Eddy County, NM

Client Sample ID: SW-1
Lab Sample ID: 890-8632-1

Date Collected: 08/15/25 13:05
Matrix: Solid

Date Received: 08/15/25 14:53

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	116580	08/16/25 17:00	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	116862	08/17/25 04:47	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			116952	08/17/25 04:47	SA	EET MID
Total/NA	Analysis	8015 NM		1			116970	08/18/25 12:32	SA	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	116866	08/17/25 17:35	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	116927	08/18/25 12:32	TKC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	116836	08/16/25 10:34	SMC	EET MID
Soluble	Analysis	300.0		1			116875	08/18/25 10:57	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: 890-8632-1
Project/Site: Fadeway Ridge Compressor Station
SDG: Eddy 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: Fadeway Ridge Compressor Station

Job ID: 890-8632-1
SDG: Eddy 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: Fadeway Ridge Compressor Station

Job ID: 890-8632-1
SDG: Eddy County, NM

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Depth
890-8632-1	SW-1	Solid	08/15/25 13:05	08/15/25 14:53	0-1

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8/18/2025

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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

890-8632 Chain of Custody

www.xenco.com Page 1 of 1

Project Manager:	Gilbert Moreno	Bill to: (if different)	
Company Name:	Earth Systems R&R	Company Name:	Earth Systems R&R
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:	Fadeaway Ridge Compressor Station	Turn Around	☐ Routine ☑ Rush
Project Number:	640	Due Date:	24hr Rush TAT
Project Location:	Eddy County, NM	TAT starts the day received by the lab, if received by 4:30pm	
Sampler's Name:	Santiago Giron		
CC/WO #:			

SAMPLE RECEIPT

Temp Blank:	Yes No	Wet Ice:	Yes No
Samples Received Intact:	Yes No	Thermometer ID:	TM166
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 (feet)	Grab/ Comp	# of Cont	TPH -NM	Chloride-NM	BTEX-NM	Hold	24 Hr Rush	Sample Comments
SW-1	S	8.15.25	13:05	0-1	Comp	1	X	X	X		X	Incident Number
												nAPP2516830043

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 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
0		8/15/25	2		
3			4		
5			6		

Revised Date: 08/25/2020 Rev. 2020.2

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Received by OCD: 9/22/2025 1:51:15 PM

Released to Imaging: 12/2/2025 3:25:10 PM

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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: 890-5674.1
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 #: 890-8632-1
Address: 1211 W. Florida Ave, ,	Due Date Requested: 8/18/2025			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: fadeaway ridge compressor station	Project #: 88002337			
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_Calc(MOD) BTEX	Total_BTEX_GCV(MOD) Total BTEX	Total Number of containers	Special Instructions/Note:
			Preservation Code:										
SW-1 (890-8632-1)	8/15/25	13:05 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
Relinquished by:	Date/Time:	Company	Received by:	Date/Time: 8/15/25 800	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: 3.4/3.3 -.1 IR8

Ver: 10/10/2024

Received by OCD: 9/22/2025 1:51:15 PM
Released to Imaging: 12/2/2025 3:25:10 PM
8/18/2025
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Login Sample Receipt Checklist

Client: Earth Systems Response and Restoration

Job Number: 890-8632-1
SDG Number: Eddy County, NM

Login Number: 8632
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: 890-8632-1
SDG Number: Eddy County, NM

Login Number: 8632
List Number: 2
Creator: Laing, Edmundo

List Source: Eurofins Midland
List Creation: 08/17/25 05:29 PM

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
4115 South County Road 1297
Odessa, Texas 79765

Generated 8/18/2025 1:48:42 PM

JOB DESCRIPTION

Fadeway Ridge Compressor Station
Eddy County, NM

JOB NUMBER

890-8633-1

Eurofins Carlsbad
1089 N Canal St.
Carlsbad NM 88220

See page two for job notes and contact information.

Released to Imaging: 12/2/2025 3:25:10 PM

my EOL

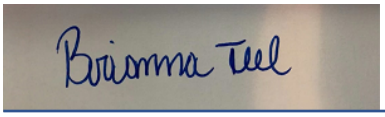
Eurofins Carlsbad

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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8/18/2025 1:48:42 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: Fadeway Ridge Compressor Station

Laboratory Job ID: 890-8633-1
SDG: Eddy County, NM

Table of Contents

Definitions/Glossary

Client: Earth Systems Response and Restoration
Project/Site: Fadeway Ridge Compressor Station

Job ID: 890-8633-1
SDG: Eddy 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: 890-8633-1
Project: Fadeway Ridge Compressor Station

Job ID: 890-8633-1 Eurofins Carlsbad

Job Narrative
890-8633-1

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 8/15/2025 2:51 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.

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: Fadeway Ridge Compressor Station

Job ID: 890-8633-1
SDG: Eddy County, NM

Client Sample ID: SW-2

Date Collected: 08/15/25 13:10
Date Received: 08/15/25 14:51
Sample Depth: 0-1

Lab Sample ID: 890-8633-1

Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		08/18/25 07:54	08/18/25 11:58	1
Toluene	<0.00201	U	0.00201		mg/Kg		08/18/25 07:54	08/18/25 11:58	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		08/18/25 07:54	08/18/25 11:58	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		08/18/25 07:54	08/18/25 11:58	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		08/18/25 07:54	08/18/25 11:58	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		08/18/25 07:54	08/18/25 11:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*121*		*70 - 130*	*08/18/25 07:54*	*08/18/25 11:58*	*1*
1,4-Difluorobenzene (Surr)	*85*		*70 - 130*	*08/18/25 07:54*	*08/18/25 11:58*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			08/18/25 11:58	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			08/18/25 12:51	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		08/17/25 17:35	08/18/25 12:51	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/17/25 17:35	08/18/25 12:51	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/17/25 17:35	08/18/25 12:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*73*		*70 - 130*	*08/17/25 17:35*	*08/18/25 12:51*	*1*
o-Terphenyl	*72*		*70 - 130*	*08/17/25 17:35*	*08/18/25 12:51*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**10.0**		9.98		mg/Kg			08/18/25 11:14	1

Surrogate Summary

Client: Earth Systems Response and Restoration
Project/Site: Fadeway Ridge Compressor Station

Job ID: 890-8633-1
SDG: Eddy 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)
890-8633-1	SW-2	121	85
LCS 880-116868/1-A	Lab Control Sample	110	93
LCSD 880-116868/2-A	Lab Control Sample Dup	119	90
MB 880-116868/5-A	Method Blank	106	83

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)
890-8633-1	SW-2	73	72
LCS 880-116866/2-A	Lab Control Sample	74	82
LCSD 880-116866/3-A	Lab Control Sample Dup	93	81
MB 880-116866/1-A	Method Blank	79	81

Surrogate Legend

1CO = 1-Chlorooctane
OTPH = o-Terphenyl

QC Sample Results

Client: Earth Systems Response and Restoration
Project/Site: Fadeway Ridge Compressor Station

Job ID: 890-8633-1
SDG: Eddy County, NM

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-116868/5-A
Matrix: Solid
Analysis Batch: 116870

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 116868

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		08/18/25 07:54	08/18/25 11:16	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/18/25 07:54	08/18/25 11:16	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/18/25 07:54	08/18/25 11:16	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		08/18/25 07:54	08/18/25 11:16	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/18/25 07:54	08/18/25 11:16	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		08/18/25 07:54	08/18/25 11:16	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*106*		*70 - 130*	*08/18/25 07:54*	*08/18/25 11:16*	*1*
1,4-Difluorobenzene (Surr)	*83*		*70 - 130*	*08/18/25 07:54*	*08/18/25 11:16*	*1*

Lab Sample ID: LCS 880-116868/1-A
Matrix: Solid
Analysis Batch: 116870

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 116868

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene			0.100	0.1082		mg/Kg		108	70 - 130		
Toluene			0.100	0.1043		mg/Kg		104	70 - 130		
Ethylbenzene			0.100	0.1187		mg/Kg		119	70 - 130		
m-Xylene & p-Xylene			0.200	0.2346		mg/Kg		117	70 - 130		
o-Xylene			0.100	0.1154		mg/Kg		115	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*110*		*70 - 130*
1,4-Difluorobenzene (Surr)	*93*		*70 - 130*

Lab Sample ID: LCSD 880-116868/2-A
Matrix: Solid
Analysis Batch: 116870

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 116868

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene			0.100	0.1062		mg/Kg		106	70 - 130	2	35
Toluene			0.100	0.1018		mg/Kg		102	70 - 130	2	35
Ethylbenzene			0.100	0.1157		mg/Kg		116	70 - 130	3	35
m-Xylene & p-Xylene			0.200	0.2281		mg/Kg		114	70 - 130	3	35
o-Xylene			0.100	0.1125		mg/Kg		112	70 - 130	3	35

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*119*		*70 - 130*
1,4-Difluorobenzene (Surr)	*90*		*70 - 130*

QC Sample Results

Client: Earth Systems Response and Restoration
Project/Site: Fadeway Ridge Compressor Station

Job ID: 890-8633-1
SDG: Eddy County, NM

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

Lab Sample ID: MB 880-116866/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 116927 — **Prep Batch: 116866**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		08/17/25 17:35	08/18/25 09:20	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/17/25 17:35	08/18/25 09:20	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/17/25 17:35	08/18/25 09:20	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*79*		*70 - 130*	*08/17/25 17:35*	*08/18/25 09:20*	*1*
o-Terphenyl	*81*		*70 - 130*	*08/17/25 17:35*	*08/18/25 09:20*	*1*

Lab Sample ID: LCS 880-116866/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 116927 — **Prep Batch: 116866**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	1077		mg/Kg		108	70 - 130
Diesel Range Organics (Over C10-C28)	1000	1059		mg/Kg		106	70 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1-Chlorooctane	*74*		*70 - 130*
o-Terphenyl	*82*		*70 - 130*

Lab Sample ID: LCSD 880-116866/3-A — **Client Sample ID: Lab Control Sample Dup**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 116927 — **Prep Batch: 116866**

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	1101		mg/Kg		110	70 - 130	2	20
Diesel Range Organics (Over C10-C28)	1000	1012		mg/Kg		101	70 - 130	5	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1-Chlorooctane	*93*		*70 - 130*
o-Terphenyl	*81*		*70 - 130*

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-116836/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 116875

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0		mg/Kg			08/18/25 08:58	1

QC Sample Results

Client: Earth Systems Response and Restoration
Project/Site: Fadeway Ridge Compressor Station

Job ID: 890-8633-1
SDG: Eddy County, NM

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: LCS 880-116836/2-A
Matrix: Solid
Analysis Batch: 116875

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	238.8		mg/Kg		96	90 - 110

Lab Sample ID: LCSD 880-116836/3-A
Matrix: Solid
Analysis Batch: 116875

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	238.7		mg/Kg		95	90 - 110	0	20

QC Association Summary

Client: Earth Systems Response and Restoration
Project/Site: Fadeway Ridge Compressor Station

Job ID: 890-8633-1
SDG: Eddy County, NM

GC VOA

Prep Batch: 116868

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8633-1	SW-2	Total/NA	Solid	5035	
MB 880-116868/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-116868/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-116868/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	

Analysis Batch: 116870

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8633-1	SW-2	Total/NA	Solid	8021B	116868
MB 880-116868/5-A	Method Blank	Total/NA	Solid	8021B	116868
LCS 880-116868/1-A	Lab Control Sample	Total/NA	Solid	8021B	116868
LCSD 880-116868/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	116868

Analysis Batch: 116974

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8633-1	SW-2	Total/NA	Solid	Total BTEX	

GC Semi VOA

Prep Batch: 116866

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8633-1	SW-2	Total/NA	Solid	8015NM Prep	
MB 880-116866/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-116866/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-116866/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	

Analysis Batch: 116927

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8633-1	SW-2	Total/NA	Solid	8015B NM	116866
MB 880-116866/1-A	Method Blank	Total/NA	Solid	8015B NM	116866
LCS 880-116866/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	116866
LCSD 880-116866/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	116866

Analysis Batch: 116971

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8633-1	SW-2	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 116836

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8633-1	SW-2	Soluble	Solid	DI Leach	
MB 880-116836/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-116836/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-116836/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	

Analysis Batch: 116875

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8633-1	SW-2	Soluble	Solid	300.0	116836
MB 880-116836/1-A	Method Blank	Soluble	Solid	300.0	116836
LCS 880-116836/2-A	Lab Control Sample	Soluble	Solid	300.0	116836
LCSD 880-116836/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	116836

Lab Chronicle

Client: Earth Systems Response and Restoration
Job ID: 890-8633-1
Project/Site: Fadeway Ridge Compressor Station
SDG: Eddy County, NM

Client Sample ID: SW-2
Lab Sample ID: 890-8633-1

Date Collected: 08/15/25 13:10
Matrix: Solid

Date Received: 08/15/25 14:51

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	116868	08/18/25 07:54	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	116870	08/18/25 11:58	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			116974	08/18/25 11:58	SA	EET MID
Total/NA	Analysis	8015 NM		1			116971	08/18/25 12:51	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	116866	08/17/25 17:35	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	116927	08/18/25 12:51	TKC	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	116836	08/16/25 10:34	SMC	EET MID
Soluble	Analysis	300.0		1			116875	08/18/25 11:14	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: 890-8633-1
Project/Site: Fadeway Ridge Compressor Station
SDG: Eddy 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: Fadeway Ridge Compressor Station

Job ID: 890-8633-1
SDG: Eddy 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: Fadeway Ridge Compressor Station

Job ID: 890-8633-1
SDG: Eddy County, NM

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Depth
890-8633-1	SW-2	Solid	08/15/25 13:10	08/15/25 14:51	0-1

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8/18/2025

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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

890-8633 Chain of Custody

Project Manager:	Gilbert Moreno	Bill to: (if different)	
Company Name:	Earth Systems R&R	Company Name:	Earth Systems R&R
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:	Fadeaway Ridge Compressor Station	Turn Around	☐ Routine ☑ Rush
Project Number:	640	Due Date:	24hr Rush TAT
Project Location:	Eddy County, NM	TAT starts the day received by the lab, if received by 4:30pm	
Sampler's Name:	Santiago Giron		
CC/WO #:			

SAMPLE RECEIPT			
Temp Blank:	(Yes) No	Wet Ice:	(Yes) No
Samples Received Intact:	(Yes) No	Thermometer ID:	TW007
~~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 (feet)	Grab/ Comp	# of Cont	Pres. Code	TPH -NM	Chloride-NM	BTEX-NM	Hold	24 Hr Rush	Sample Comments
SW-2	S	8.15.25	13:10	0-1	Comp	1		X	X	X		X	Incident Number: nAPP2516830043

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
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
0			8/15 1451	2			
3				4			
5				6			

Revised Date: 08/25/2020 Rev. 2020.2

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Received by OCD: 9/22/2025 1:51:15 PM

Released to Imaging: 12/2/2025 3:25:10 PM

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: 890-5675.1
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 #: 890-8633-1
Address: 1211 W. Florida Ave, ,	Due Date Requested: 8/18/2025			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: fadeaway ridge compressor station	Project #: 88002337			
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_Calc(MOD) BTEX	Total_BTEX_GCV(MOD) Total BTEX	Total Number of containers	Special Instructions/Note:
			Preservation Code:										
SW-2 (890-8633-1)	8/15/25	13:10 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
1		8/15 1630				
2	Relinquished by:	Date/Time:	Company	Received by:	Date/Time: 8/18/25 800	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: 3.4/3.3 -.1 IR8

Ver: 10/10/2024

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Login Sample Receipt Checklist

Client: Earth Systems Response and Restoration

Job Number: 890-8633-1
SDG Number: Eddy County, NM

Login Number: 8633
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: 890-8633-1
SDG Number: Eddy County, NM

Login Number: 8633
List Number: 2
Creator: Laing, Edmundo

List Source: Eurofins Midland
List Creation: 08/17/25 05:29 PM

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

QUESTIONS

Operator: FRONTIER FIELD SERVICES, LLC 303 Veterans Airpark Lane Midland, TX 79705	OGRID: 221115
	Action Number: 508015
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Prerequisites	
Incident ID (n#)	**nAPP2516830043**
Incident Name	**NAPP2516830043 FADEAWAY RIDGE COMPRESSOR STATION @ FAPP2123229442**
Incident Type	**Produced Water Release**
Incident Status	**Remediation Closure Report Received**
Incident Facility	**[fAPP2123229442] Frontier Field Services Gathering System**

Location of Release Source	
Please answer all the questions in this group.	
Site Name	Fadeaway Ridge Compressor Station
Date Release Discovered	06/17/2025
Surface Owner	State

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: High Line Pressure | Gas Compressor Station | Produced Water | Released: 22 BBL | Recovered: 0 BBL | Lost: 22 BBL.
Is the concentration of chloride in the produced water >10,000 mg/l	Yes
Condensate Released (bbls) Details	Cause: High Line Pressure | Gas Compressor Station | Condensate | Released: 22 BBL | Recovered: 0 BBL | Lost: 22 BBL.
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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QUESTIONS (continued)

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	Action Number: 508015
	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	**Yes**
Reasons why this would be considered a submission for a notification of a major release	**From paragraph A. "Major release" determine using:** **(1) an unauthorized release of a volume, excluding gases, of 25 barrels or more.**

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: Sebastian Orozco Title: Sr. Environmental Specialist Email: sorozco@kinetik.com Date: 09/22/2025

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QUESTIONS (continued)

Operator: FRONTIER FIELD SERVICES, LLC 303 Veterans Airpark Lane Midland, TX 79705	OGRID: 221115
	Action Number: 508015
	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 100 and 500 (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 1 and 5 (mi.)
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 1000 (ft.) and ½ (mi.)
Categorize the risk of this well / site being in a karst geology	Low
A 100-year floodplain	Between ½ and 1 (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)	216
TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M)	2780
GRO+DRO (EPA SW-846 Method 8015M)	2780
BTEX (EPA SW-846 Method 8021B or 8260B)	69.5
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	08/15/2025
On what date will (or did) the final sampling or liner inspection occur	08/15/2025
On what date will (or was) the remediation complete(d)	08/26/2025
What is the estimated surface area (in square feet) that will be reclaimed	200
What is the estimated volume (in cubic yards) that will be reclaimed	40
What is the estimated surface area (in square feet) that will be remediated	200
What is the estimated volume (in cubic yards) that will be remediated	40
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.	

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QUESTIONS (continued)

Operator: FRONTIER FIELD SERVICES, LLC 303 Veterans Airpark Lane Midland, TX 79705	OGRID: 221115
	Action Number: 508015
	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: Sebastian Orozco Title: Sr. Environmental Specialist Email: sorozco@kinetik.com Date: 09/22/2025
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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	Action Number: 508015
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

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)

Operator: FRONTIER FIELD SERVICES, LLC 303 Veterans Airpark Lane Midland, TX 79705	OGRID: 221115
	Action Number: 508015
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Sampling Event Information	
Last sampling notification (C-141N) recorded	**493238**
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	**08/18/2025**
What was the (estimated) number of samples that were to be gathered	**6**
What was the sampling surface area in square feet	**400**

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	200
What was the total volume (cubic yards) remediated	40
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	200
What was the total volume (in cubic yards) reclaimed	40
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.

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: Sebastian Orozco Title: Sr. Environmental Specialist Email: sorozco@kinetik.com Date: 09/22/2025

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QUESTIONS (continued)

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	Action Number: 508015
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

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

Operator: FRONTIER FIELD SERVICES, LLC 303 Veterans Airpark Lane Midland, TX 79705	OGRID: 221115
	Action Number: 508015
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

CONDITIONS

Created By	Condition	Condition Date
scott.rodgers	This Remediation Closure Report is approved. Areas reasonably needed for production or subsequent drilling operations will need to be reclaimed and revegetated as soon as they are no longer reasonably needed. A report for reclamation and revegetation will need to be submitted and approved prior to this incident receiving the final status of "Restoration Complete".	12/2/2025