April 8, 2025

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

RE: **Nailed It B Federal Com #222H- Closure Request Report**
Incident Number: nAPP2135134919
GPS: 32.00078°, -103.83695°
Eddy County, NM
ESRR Project No. 2302/ VP-19871

To Whom It May Concern:

Earth Systems Response & Restoration (ESRR), on behalf of Civitas Resources (Civitas), presents the following Closure Request Report (CRR) detailing all remedial efforts to date associated with an inadvertent release of produced water at the former Tap Rock operating (Tap Rock) location, Nailed It B Federal Com #222H (Site). Based on completed remedial actions and laboratory analytical results from recent soil sampling events, Civitas is requesting No Further Action (NFA) at the Site.

Site Location & Incident Description

The Site is located in Unit F, Section 36, Township 26 South, Range 30 East, in Eddy County, New Mexico (32.00078°, -103.83695°) and is associated with oil and gas exploration and production operations on Federal Land managed by the Bureau of Land Management (BLM) (**Figure 1**).

On December 16, 2021, a valve on a well pipe was left open during flowback, causing the release of approximately 13 barrels (bbls) of produced water onto the adjacent production pad surface (**Figure 2**). Immediate notice was given to the New Mexico Oil Conservation Division (NMOCD) on December 17, 2021, by Notification of Release (NOR) and a Corrective Action Form C-141 (Form C-141). The release was subsequently assigned Incident Number nAPP2135134919.

Background

During late 2021, a Tap Rock contracted third-party consultant was reported by Civitas to have completed initial delineation as well as overseen initial excavation activities via mechanical equipment at the Site. An unknown number of cubic yards of impacted soil was initially excavated. The excavation was advanced to unknown depths and assumed to have been disposed at the nearest disposal facility.

On March 2, 2022, the third-party consultant requested an extension to the March 16, 2022 due date. NMOCD approved the request and updated the due date to June 16, 2022.

On June 22, 2022, the third-party consultant requested an additional extension to the June 16, 2022 due date. NMOCD approved the request and updated the due date to September 16, 2022.

Amid the transition from Tap Rock operating to Civitas operating, the third-party consultant was not retained.

On June 16, 2024, Civitas assigned ESRR to the project to investigate work completed to date by the third-party consultant and to complete additional soil sampling activities where deemed necessary for closure of this incident.

On April 1, 2024, Civitas requested an extension to the past due deadline in order to get back in compliance prior to submittal of this CRR. NMOCD denied the request, and responded as follows:

"A remediation closure report was due on 9/16/2022. Your request for extension is denied. An extension needs to be requested before the 90-day remediation deadline has expired. Please move forward with the remediation work as quickly as possible. Include this e-mail correspondence in the remediation and/or closure report."

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:

- Greater than 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 and 5 miles of any unstable area (i.e. high karst potential); and
- Between 1 and 5 miles of a 100-year floodplain.

Receptor details used to determine the Site characterization are included in **Figure 1A** and **Figure 1B**. **Referenced Well Records** for the closest depth to water wells are attached.

Based on the results from the desktop review and no depth to water well within 0.5 miles of the Site with data no greater than 25 years old, 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 October 23, 2024, ESRR conducted delineation activities to assess the presence or absence of residual soil impacts associated with the Area of Concern (AOC) determined by referencing Civitas provided photographs. Thirteen delineation boreholes (HA-1 through HA-13) were advanced via hand auger within and surrounding the estimated AOC. Delineation activities were driven by field screening soil for chloride utilizing QuanTab® test strips. Five soil samples were collected from each delineation borehole, representing the highest observed field screening concentrations and the greatest depth. Delineation soil samples were placed directly into clean laboratory-provided 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 collected within and surrounding the AOC (HA-1 through HA-3 and HA-5 through HA-13) were compliant with Site Closure Criteria and/or the reclamation standard defining the horizontal periphery of the AOC.

Laboratory analytical results for delineation soil sample HA-4, collected within the AOC, indicated Total TPH was above the Site Closure Criteria and/or the reclamation standard at 4 feet bgs. The elevated TPH concentration, specifically for TPH-DRO, is characterized by a concentration of 220 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 March 3, 2025, ESRR completed additional excavation activities of identified impacts performed via mechanical equipment based on laboratory analytical results associated with delineation soil sampling activities and visual observation by ESRR. The excavation was vertically advanced to an approximate depth of 5 feet bgs.

Following the removal of soil, ESRR collected 5-point composite soil samples at a sampling frequency of 200 square feet from the excavation floor (CS-1) 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 were below 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 R360 Red Bluff in Orla, Texas under Civitas approved manifests. Upon receipt of the final confirmation soil samples results, the excavation was backfilled with clean, locally sourced soil and the Site was restored to *"as close to its original state"* as possible. The final soil cover was contoured to match the Site's pre-existing grade to prevent ponding of water and erosion.

Closure Request

Based on laboratory analytical results, impacts associated with the inadvertent release have been delineated, excavated and removed from the Site in accordance with Site Closure Criteria. Civitas 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 Civitas respectfully requests Closure of this CRR associated with Incident Number nAPP2135134919.

If you have any questions or comments, please do not hesitate to contact Gilbert Moreno at (832) 541-7719 or gmoreno@earthsys.net. Documentation of correspondence and 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

cc: Luke Kelly, Civitas Resources
Mason Jones, Civitas Resources
Bureau of Land Management

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 Records
- 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

Civitas Resources – Nailed It B Federal Com #222H
GPS: 32.00078°, -103.83695°
Eddy County, New Mexico

CIVITAS

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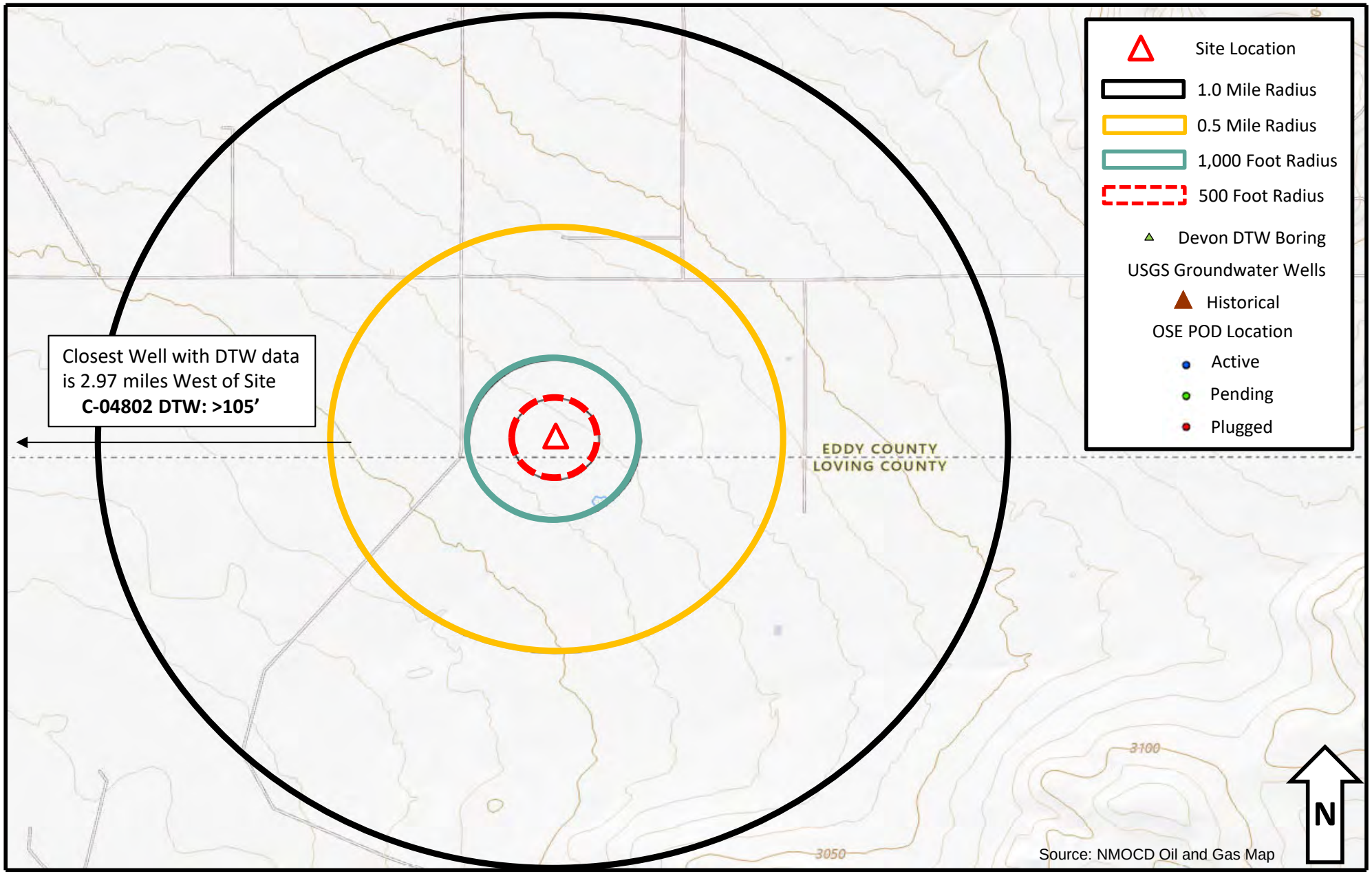

Earth Systems
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Figure 1A – Ground Water

Civitas Resources – Nailed It B Federal Com #222H
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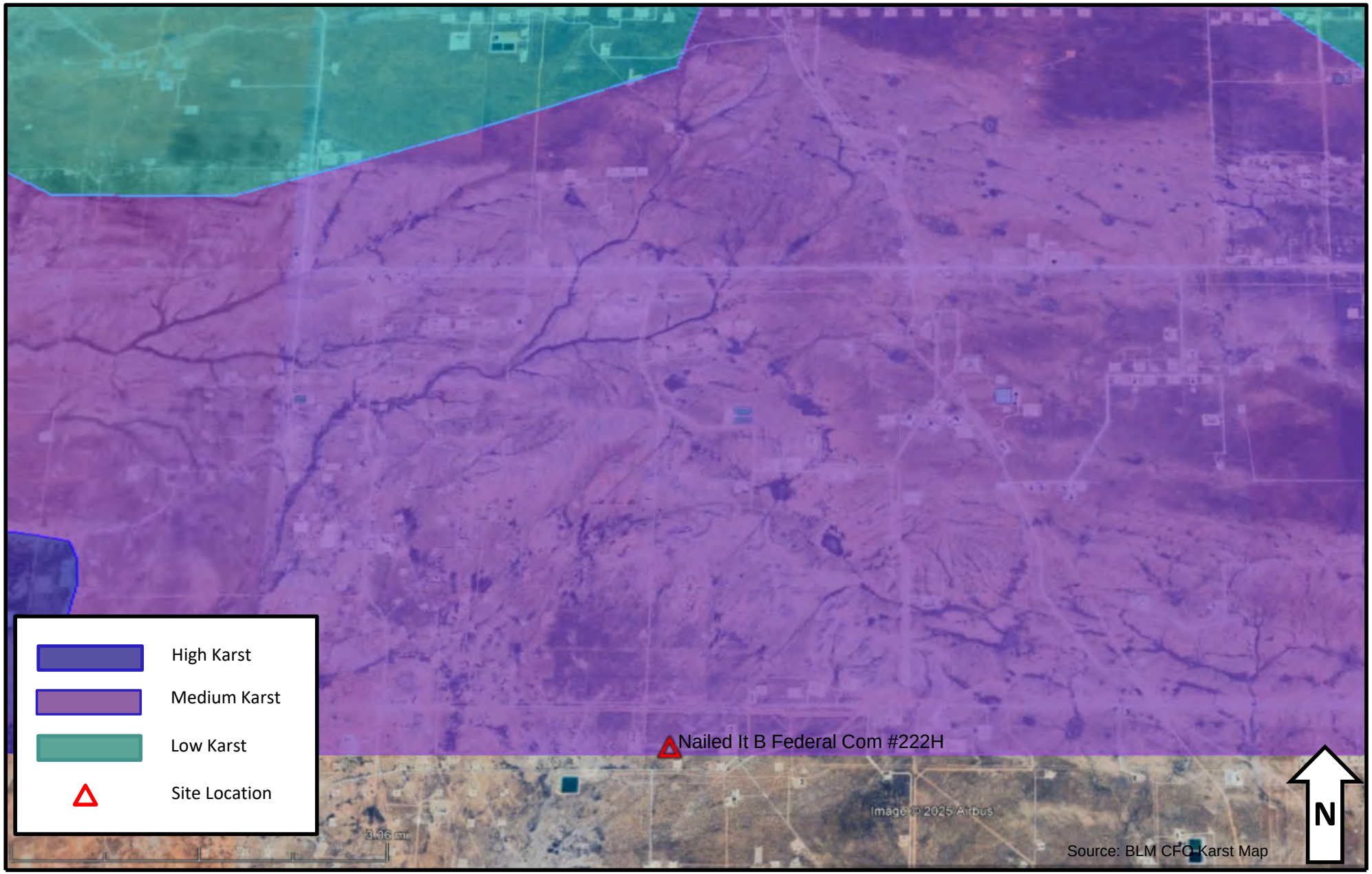

Earth Systems
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Figure 1B – Karst Potential

Civitas Resources – Nailed It B Federal Com #222H
GPS: 32.00078°, -103.83695°
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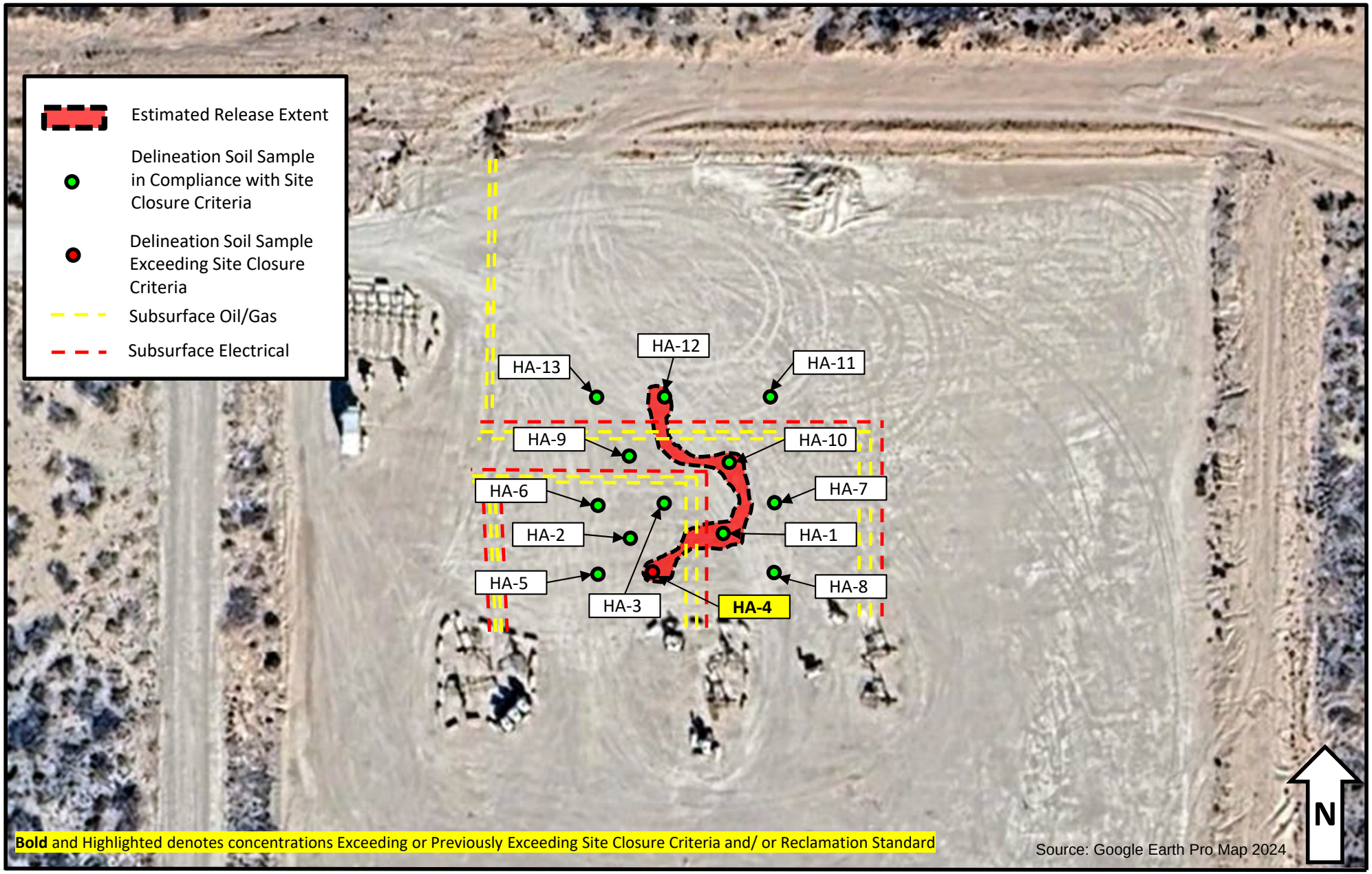

Bold and Highlighted denotes concentrations Exceeding or Previously Exceeding Site Closure Criteria and/ or Reclamation Standard

Earth Systems Response & Restoration

Figure 2 – Delineation Soil Sample Locations

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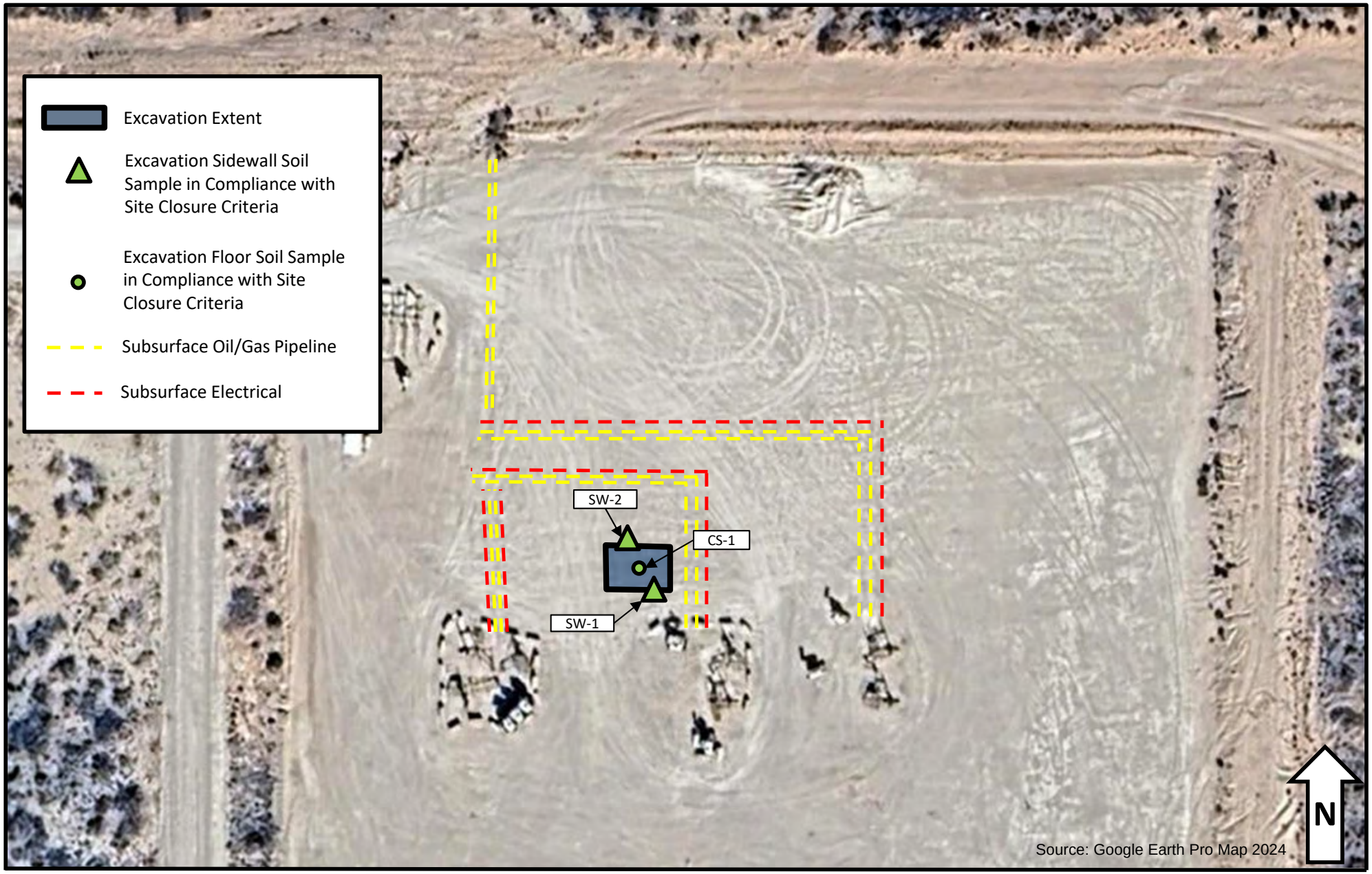

Earth Systems
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Figure 2 – Excavation Soil Sample Locations

Civitas Resources – Nailed It B Federal Com #222H
GPS: 32.00078°, -103.83695°
Eddy County, New Mexico

CIVITAS

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).
Pod 1		C-04802 ~~Pod 1~~

WELL OWNER NAME(S)	PHONE (OPTIONAL)
Devon Energy Co. (Agent-Conner Moerhing)	432-813-6823

WELL OWNER MAILING ADDRESS	CITY	STATE	ZIP
310 W. Wall St., Ste. 500	Midland	TX	79701

WELL LOCATION (FROM GPS)		DEGREES	MINUTES	SECONDS	
	LATITUDE	32	00	2.71	N
	LONGITUDE	103	53	15.98	W

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

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

2. DRILLING & CASING INFORMATION

LICENSE NO.	NAME OF LICENSED DRILLER	NAME OF WELL DRILLING COMPANY
WD-1862	James Hawley	H&R Enterprises, LLC

DRILLING STARTED	DRILLING ENDED	DEPTH OF COMPLETED WELL (FT)	BORE HOLE DEPTH (FT)	DEPTH WATER FIRST ENCOUNTERED (FT)
2-14-24	2-14-24	105'	105'	N/A

COMPLETED WELL IS: ☐ ARTESIAN *add Centralizer info below ☑ DRY HOLE ☐ SHALLOW (UNCONFINED)

STATIC WATER LEVEL IN COMPLETED WELL (FT): N/A

DATE STATIC MEASURED: 2-23-24

DRILLING FLUID: ☑ AIR ☐ MUD ADDITIVES – SPECIFY:

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

CHECK HERE IF PITLESS ADAPTER IS INSTALLED ☐

DEPTH (feet bgl) FROM	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'	105'	4"	no casing left in hole				

OSE DIT MAR 12 2024 PM2:55

3. ANNULAR MATERIAL

DEPTH (feet bgl) FROM	TO	BORE HOLE DIAM. (inches)	LIST ANNULAR SEAL MATERIAL AND GRAVEL PACK SIZE-RANGE BY INTERVAL *(if using Centralizers for Artesian wells- indicate the spacing below)	AMOUNT (cubic feet)	METHOD OF PLACEMENT
			N/A		

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

FILE NO. C-4802-POD1	POD NO. 1	TRN NO. 755207
LOCATION MON 26.30.33.443	WELL TAG ID NO. —	PAGE 1 OF 2

4. HYDROGEOLOGIC LOG OF WELL

DEPTH (feet bgl) FROM	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'	5'	5'	sandy caliche	Y ✓ N	
5'	25'	20'	sandy red clay	Y ✓ N	
25'	65'	45'	red clay	Y ✓ N	
65'	70'	5'	grey shale	Y ✓ N	
70'	105'	35'	red clay	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: dry hole

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: well was gauged for water on 2-23-24, well bore was dry, temporary well casing was removed, bore hole was backfilled to 10' BGS with drill cuttings, then hydrated bentonite chips were poured from 10' BGS to surface.

OSE DII MAR 12 2024 PM2:50

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

Nathan Smelcer

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:

James Hawley — SIGNATURE OF DRILLER / PRINT SIGNEE NAME

2/26/24 — DATE

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

FILE NO.	POD NO.	TRN NO.	
LOCATION		WELL TAG ID NO.	PAGE 2 OF 2

Mike A. Hamman, P.E.
State Engineer

Roswell Office
1900 WEST SECOND STREET
ROSWELL, NM 88201

STATE OF NEW MEXICO
OFFICE OF THE STATE ENGINEER

Trn Nbr: 755207
File Nbr: C 04802
Well File Nbr: C 04802 POD1

Mar. 12, 2024

CONNER MOERHING
DEVON ENERGY CO.
310 W WALL ST. SUITE 500
MIDLAND, TX 79701

Greetings:

The above numbered permit was issued in your name on 01/23/2024.

The Well Record was received in this office on 03/12/2024, stating that it had been completed on 02/14/2024, and was a dry well. The well is to be plugged according to 19.27.4.30 NMAC.

Please note that another well can be drilled under this permit if the well is completed and the well log filed on or before 01/22/2025.

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

Sincerely,

Maret Thompson
(575)622-6521

drywell

Nailed It B Federal Com #222H - Closure Request Report
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PHOTO 1: Northeastern view during initial site assessment by third-party consultant. 12/15/2021

PHOTO 2: Southeastern view during delineation activities. 10/23/2024

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PHOTO 3: Southeastern view during delineation activities. 10/23/2024

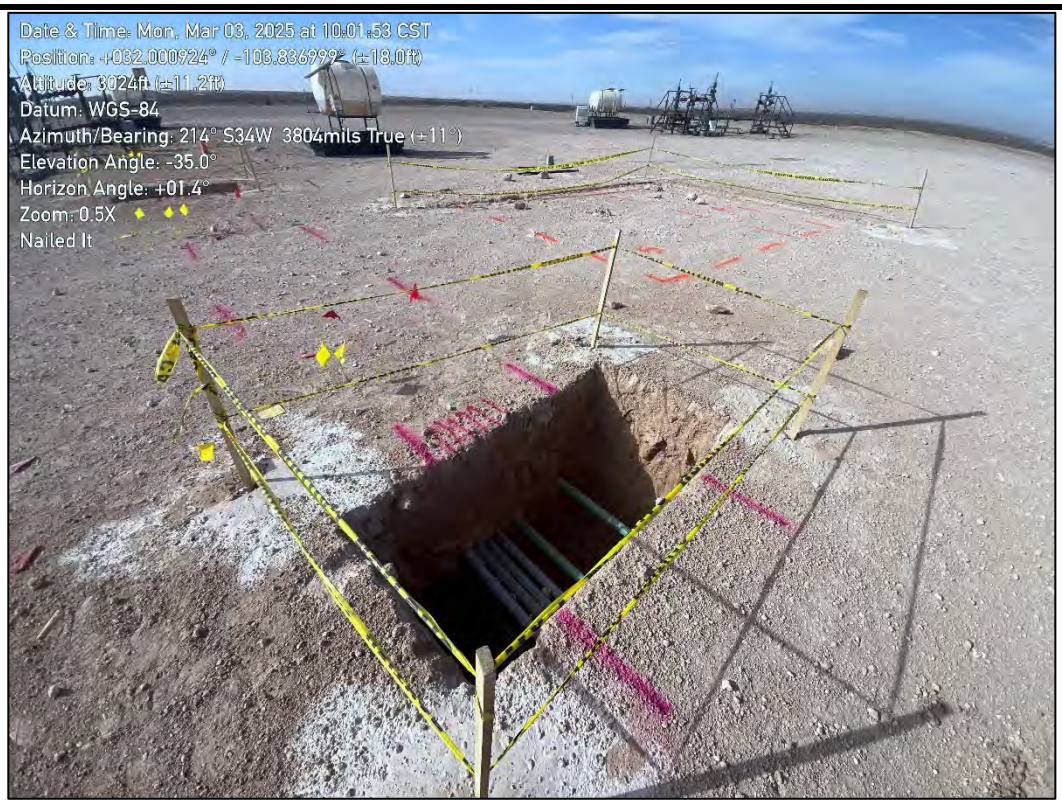

PHOTO 4: Southwestern view during preparation for excavation activities. 3/3/2025

Nailed It B Federal Com #222H - Closure Request Report
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PHOTO 5: Northeastern view of excavation extent. 3/3/2025

PHOTO 6: Northeastern view of excavation extent. 3/3/2025

Nailed It B Federal Com #222H - Closure Request Report
Incident Number: nAPP2135134919
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PHOTO 7: Southeastern view following restoration activities. 3/6/2025

PHOTO 8: Southeastern view following restoration activities. 3/6/2025

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Earth Systems Response & Restoration

Table 1
SOIL SAMPLE ANALYTICAL RESULTS
Nailed It B Federal Com #222H
Eddy County, New Mexico

CIVITAS

Sample I.D.	Sample Date	Sample Depth (feet bgs)	Benzene (mg/kg)	Total BTEX (mg/kg)	TPH GRO (mg/kg)	TPH DRO (mg/kg)	TPH ORO (mg/kg)	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 - nAPP2135134919									
HA - 1	10/23/24	0.5	<0.00201	<0.00402	<49.7	<49.7	<49.7	<49.7	66.5
HA - 1	10/23/24	1	<0.00200	<0.00399	<50.0	<50.0	<50.0	<50.0	52.6
HA - 1	10/23/24	2	<0.00199	<0.00398	<49.8	<49.8	<49.8	<49.8	41.4
HA - 1	10/23/24	3	<0.00200	<0.00399	<50.0	<50.0	<50.0	<50.0	42.7
HA - 1	10/23/24	4	<0.00199	<0.00398	<49.7	<49.7	<49.7	<49.7	52.9
HA - 2	10/23/24	0.5	<0.00200	<0.00401	<50.0	<50.0	<50.0	<50.0	29.9
HA - 2	10/23/24	1	<0.00199	<0.00398	<49.9	<49.9	<49.9	<49.9	34.4
HA - 2	10/23/24	2	<0.00200	<0.00399	<49.8	<49.8	<49.8	<49.8	31.1
HA - 2	10/23/24	3	<0.00200	<0.00399	<49.8	<49.8	<49.8	<49.8	41.9
HA - 2	10/23/24	4	<0.00199	<0.00398	<49.7	<49.7	<49.7	<49.7	39.4
HA - 3	10/23/24	0.5	<0.00200	<0.00401	<49.7	<49.7	<49.7	<49.7	36.8
HA - 3	10/23/24	1	<0.00200	<0.00399	<50.0	<50.0	<50.0	<50.0	35.2
HA - 3	10/23/24	2	<0.00199	<0.00398	<49.8	<49.8	<49.8	<49.8	30.9
HA - 3	10/23/24	3	<0.00200	<0.00401	<50.0	<50.0	<50.0	<50.0	29.5
HA - 3	10/23/24	4	<0.00199	<0.00398	<49.8	<49.8	<49.8	<49.8	<10.1
HA - 4	10/23/24	0.5	<0.00200	<0.00399	<49.9	<49.9	<49.9	<49.9	50.0
HA - 4	10/23/24	1	<0.00200	0.00758	<49.9	<49.9	<49.9	<49.9	90.9
HA - 4	10/23/24	2	<0.0100	<0.0200	<50.0	<50.0	<50.0	<50.0	59.3
HA - 4	10/23/24	3	<0.00200	<0.00401	<49.7	<49.7	<49.7	<49.7	66.8
HA - 4	10/23/24	4	<0.00199	<0.00398	<50.0	220	<50.0	**220**	70.1
HA - 5	10/23/24	0.5	<0.00201	<0.00402	<49.8	91.0	<49.8	91.0	53.2
HA - 5	10/23/24	1	<0.00200	<0.00399	<50.0	<50.0	<50.0	<50.0	43.1
HA - 5	10/23/24	2	<0.00199	<0.00398	<49.8	<49.8	<49.8	<49.8	34.0
HA - 5	10/23/24	3	<0.00200	<0.00399	<49.9	<49.9	<49.9	<49.9	36.0
HA - 5	10/23/24	4	<0.00199	<0.00398	<49.8	<49.8	<49.8	<49.8	37.0
HA - 6	10/23/24	0.5	<0.00200	<0.00401	<49.9	<49.9	<49.9	<49.9	56.4
HA - 6	10/23/24	1	<0.00199	<0.00398	<49.9	<49.9	<49.9	<49.9	49.2
HA - 6	10/23/24	2	<0.00200	<0.00399	<49.8	<49.8	<49.8	<49.8	34.3

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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 - nAPP2135134919									
HA - 6	10/23/24	3	<0.00200	<0.00399	<49.8	<49.8	<49.8	<49.8	37.6
HA - 6	10/23/24	4	<0.00199	<0.00398	<49.6	<49.6	<49.6	<49.6	36.1
HA - 7	10/23/24	0.5	<0.00200	<0.00401	<49.7	<49.7	<49.7	<49.7	228
HA - 7	10/23/24	1	<0.00199	<0.00398	<49.9	<49.9	<49.9	<49.9	296
HA - 7	10/23/24	2	<0.00199	<0.00398	<49.8	<49.8	<49.8	<49.8	41.4
HA - 7	10/23/24	3	<0.00201	<0.00402	<49.9	<49.9	<49.9	<49.9	34.6
HA - 7	10/23/24	4	<0.00200	<0.00401	<49.9	<49.9	<49.9	<49.9	20.4
HA - 8	10/23/24	0.5	<0.00201	<0.00402	<49.9	<49.9	<49.9	<49.9	12.0
HA - 8	10/23/24	1	<0.00199	<0.00398	<50.0	<50.0	<50.0	<50.0	45.5
HA - 8	10/23/24	2	<0.00200	<0.00399	<50.0	<50.0	<50.0	<50.0	38.1
HA - 8	10/23/24	3	<0.00199	<0.00398	<49.8	<49.8	<49.8	<49.8	35.1
HA - 8	10/23/24	4	<0.00200	<0.00399	<49.9	<49.9	<49.9	<49.9	37.1
HA - 9	10/23/24	0.5	<0.00201	<0.00402	<49.8	<49.8	<49.8	<49.8	49.6
HA - 9	10/23/24	1	<0.00200	<0.00399	<49.9	<49.9	<49.9	<49.9	26.7
HA - 9	10/23/24	2	<0.00199	<0.00398	<49.9	<49.9	<49.9	<49.9	71.2
HA - 9	10/23/24	3	<0.00200	<0.00399	<50.0	<50.0	<50.0	<50.0	31.3
HA - 9	10/23/24	4	<0.00199	<0.00398	<49.9	<49.9	<49.9	<49.9	<9.92
HA - 10	10/23/24	0.5	<0.00200	<0.00401	<50.0	<50.0	<50.0	<50.0	119
HA - 10	10/23/24	1	<0.00199	<0.00398	<49.8	<49.8	<49.8	<49.8	76.2
HA - 10	10/23/24	2	<0.00200	<0.00399	<49.7	<49.7	<49.7	<49.7	70.4
HA - 10	10/23/24	3	<0.00200	<0.00399	<49.7	<49.7	<49.7	<49.7	<9.90
HA - 10	10/23/24	4	<0.00199	<0.00398	<50.0	<50.0	<50.0	<50.0	<10.1
HA - 11	10/23/24	0.5	<0.00200	<0.00401	<49.8	<49.8	<49.8	<49.8	119
HA - 11	10/23/24	1	<0.00199	<0.00398	<49.9	<49.9	<49.9	<49.9	81.1
HA - 11	10/23/24	2	<0.00199	<0.00398	<50.0	<50.0	<50.0	<50.0	19.4
HA - 11	10/23/24	3	<0.00201	<0.00402	<49.9	<49.9	<49.9	<49.9	<9.96
HA - 11	10/23/24	4	<0.00200	<0.00401	<49.8	<49.8	<49.8	<49.8	<9.92
HA - 12	10/23/24	0.5	<0.00201	<0.00402	<49.7	<49.7	<49.7	<49.7	129

Released to Imaging: 5/15/2025 11:36:01 AM

Received by OCD: 4/11/2025 10:08:58 AM

Earth Systems
Response & Restoration

Table 1
SOIL SAMPLE ANALYTICAL RESULTS
Nailed It B Federal Com #222H
Eddy County, New Mexico

CIVITAS

Sample I.D.	Sample Date	Sample Depth (feet bgs)	Benzene (mg/kg)	Total BTEX (mg/kg)	TPH GRO (mg/kg)	TPH DRO (mg/kg)	TPH ORO (mg/kg)	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 - nAPP2135134919									
HA - 12	10/23/24	1	<0.00199	<0.00398	<50.0	<50.0	<50.0	<50.0	78.8
HA - 12	10/23/24	2	<0.00200	<0.00399	<49.9	<49.9	<49.9	<49.9	45.5
HA - 12	10/23/24	3	<0.00199	<0.00398	<49.8	<49.8	<49.8	<49.8	<10.1
HA - 12	10/23/24	4	<0.00200	<0.00399	<50.0	<50.0	<50.0	<50.0	<9.94
HA - 13	10/23/24	0.5	<0.00201	<0.00402	<49.9	<49.9	<49.9	<49.9	66.8
HA - 13	10/23/24	1	<0.00200	<0.00399	<50.0	<50.0	<50.0	<50.0	82.3
HA - 13	10/23/24	2	<0.00199	<0.00398	<50.0	<50.0	<50.0	<50.0	61.2
HA - 13	10/23/24	3	<0.00200	<0.00399	<50.0	<50.0	<50.0	<50.0	28.3
HA - 13	10/23/24	4	<0.00199	<0.00398	<49.7	<49.7	<49.7	<49.7	<9.90
Confirmation Soil Samples - nAPP2135134919									
CS-1	03/03/25	5	<0.00202	<0.00403	<49.8	<49.8	<49.8	<49.8	<9.96
SW-1	03/03/25	0-5	<0.00200	<0.00399	<50.0	<50.0	<50.0	<50.0	47.0
SW-2	03/03/25	0-5	<0.00201	<0.00402	<49.9	<49.9	<49.9	<49.9	89.5

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.

Outlook

Re: (Extension Denied) - Nailed It Federal Com #222H - nAPP2135134919

From Gilbert Moreno <gmoreno@earthsys.net>
Date Tue 4/1/2025 10:28 AM
To Hamlet, Robert, EMNRD <Robert.Hamlet@emnrd.nm.gov>
Cc Luke Kelly <lkelly@civiresources.com>; mjones@civiresources.com <mjones@civiresources.com>; Bratcher, Michael, EMNRD <mike.bratcher@emnrd.nm.gov>; Wells, Shelly, EMNRD <Shelly.Wells@emnrd.nm.gov>

Understood. Remediation activities are complete, and the Closure Report will be submitted as soon as possible.

Thank you,

Gilbert Moreno | Carlsbad Operations Manager- Project Geologist
1910 Resource Ct | Carlsbad NM, 88220
O. 575.323.9034 M. (832) 541-7719 | gmoreno@earthsys.net

Earth Systems
Response & Restoration

From: Hamlet, Robert, EMNRD <Robert.Hamlet@emnrd.nm.gov>
Sent: Tuesday, April 1, 2025 10:24 AM
To: Gilbert Moreno <gmoreno@earthsys.net>
Cc: Luke Kelly <lkelly@civiresources.com>; mjones@civiresources.com <mjones@civiresources.com>; Bratcher, Michael, EMNRD <mike.bratcher@emnrd.nm.gov>; Wells, Shelly, EMNRD <Shelly.Wells@emnrd.nm.gov>
Subject: (Extension Denied) - Nailed It Federal Com #222H - nAPP2135134919

Gilbert,

A remediation closure report was due on 9/16/2022. Your request for extension is **denied**. An extension needs to be requested before the 90-day remediation deadline has expired. Please move forward with the remediation work as quickly as possible. Include this e-mail correspondence in the remediation and/or closure report.

Robert Hamlet ● Environmental Specialist - Advanced
Environmental Bureau
EMNRD - Oil Conservation Division
506 W. Texas Ave.| Artesia, NM 88210
575.909.0302 | robert.hamlet@emnrd.nm.gov
http://www.emnrd.state.nm.us/OCD/

From: Wells, Shelly, EMNRD <Shelly.Wells@emnrd.nm.gov>
Sent: Tuesday, April 1, 2025 11:01 AM
To: Hamlet, Robert, EMNRD <Robert.Hamlet@emnrd.nm.gov>
Cc: Bratcher, Michael, EMNRD <mike.bratcher@emnrd.nm.gov>
Subject: FW: [EXTERNAL] Nailed It Federal Com #222H - Extension Request - nAPP2135134919

From: Gilbert Moreno <gmoreno@earthsys.net>
Sent: Tuesday, April 1, 2025 10:33 AM
To: Enviro, OCD, EMNRD <OCD.Enviro@emnrd.nm.gov>
Cc: Luke Kelly <lkelly@civiresources.com>; Mason Jones <mjones@civiresources.com>
Subject: [EXTERNAL] Nailed It Federal Com #222H - Extension Request - nAPP2135134919

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

Hello,

Earth Sytems R & R (ESRR) on behalf of Civitas Resources (Civitas) is requesting a final extension to the current deadline for a report required in 19.15.29.12.B(1) NMAC at the Nailed It Federal Com #222H (Site).

A produced water release was discovered on December 16, 2021, and was subsequently assigned Incident Number nAPP2135134919 at a former Tap Rock Operating location. From December 2021 through September 2022, a Tap Rock contracted third-party consultant completed an initial site assessment and oversaw remediation activities. Since, Civitas has acquired this Site from Tap Rock Operating and the original third-party consultant was not retained. Unfortunately, lab analytical data and reports were not transferred over to Civitas. ESRR was contracted to complete a thorough investigation of any remaining impacts and to perform additional remediation if deemed necessary. ESRR performed additional delineation activities during October 2024 and oversaw additional remediation activities of approximately 40 cubic yards in March 2025.

Civitas requests a final extension of the past due deadline for the release associated with Incident Number nAPP2135134919 in order to get back in compliance prior to submitting a subsequent corrective action report completed by ESRR.

Thanks,

Gilbert Moreno | Carlsbad Operations Manager- Project Geologist
1910 Resource Ct | Carlsbad NM, 88220
O. 575.323.9034 M. (832) 541-7719 | gmoreno@earthsys.net

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 436620

QUESTIONS

Operator: Civitas Permian Operating, LLC 555 17th Street Denver, CO 80202	OGRID: 332195
	Action Number: 436620
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	**nAPP2135134919**
Incident Name	**NAPP2135134919 NAILED IT B FEDERAL COM #222H @ 30-015-46887**
Incident Type	**Produced Water Release**
Incident Status	**Initial C-141 Approved**
Incident Well	**[30-015-46887] NAILED IT FEDERAL COM #222H**

Location of Release Source	
Site Name	**NAILED IT B FEDERAL COM #222H**
Date Release Discovered	**12/17/2021**
Surface Owner	**Federal**

Sampling Event General Information *Please answer all the questions in this group.*	
What is the sampling surface area in square feet	200
What is the estimated number of samples that will be gathered	3
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	03/03/2025
Time sampling will commence	08:00 AM
Please provide any information necessary for observers to contact samplers	Contact: Gilbert Moreno (832) 541-7719
Please provide any information necessary for navigation to sampling site	32.338831, -104.20227

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

General Information
Phone: (505) 629-6116

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

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

CONDITIONS

Action 436620

CONDITIONS

Operator: Civitas Permian Operating, LLC 555 17th Street Denver, CO 80202	OGRID: 332195
	Action Number: 436620
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

CONDITIONS

Created By	Condition	Condition Date
lkelly	Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.	2/27/2025

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

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

Generated 10/29/2024 1:03:52 PM

JOB DESCRIPTION

Nailed It Federal Com #222H
2302

JOB NUMBER

890-7309-1

Eurofins Carlsbad
1089 N Canal St.
Carlsbad NM 88220

See page two for job notes and contact information.

Released to Imaging: 5/13/2025 11:36:01 AM

my EOL

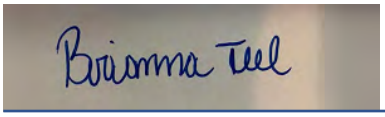
Eurofins Carlsbad

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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10/29/2024 1:03:52 PM

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

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Definitions/Glossary

Client: Earth Systems Response and Restoration
Job ID: 890-7309-1
Project/Site: Nailed It Federal Com #222H
SDG: 2302

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

HPLC/IC

Qualifier	Qualifier Description
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: 890-7309-1
Project: Nailed It Federal Com #222H

Job ID: 890-7309-1 Eurofins Carlsbad

Job Narrative
890-7309-1

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 10/24/2024 3:20 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was -4.6°C.

Receipt Exceptions
The following samples were received and analyzed from an unpreserved bulk soil jar: HA - 1 (890-7309-1), HA - 1 (890-7309-2), HA - 1 (890-7309-3), HA - 1 (890-7309-4), HA - 1 (890-7309-5), HA - 2 (890-7309-6), HA - 2 (890-7309-7), HA - 2 (890-7309-8), HA - 2 (890-7309-9), HA - 2 (890-7309-10), HA - 3 (890-7309-11), HA - 3 (890-7309-12), HA - 3 (890-7309-13), HA - 3 (890-7309-14), HA - 3 (890-7309-15), HA - 4 (890-7309-16), HA - 4 (890-7309-17), HA - 4 (890-7309-18), HA - 4 (890-7309-19), HA - 4 (890-7309-20), HA - 5 (890-7309-21), HA - 5 (890-7309-22), HA - 5 (890-7309-23), HA - 5 (890-7309-24), HA - 5 (890-7309-25), HA - 6 (890-7309-26), HA - 6 (890-7309-27), HA - 6 (890-7309-28), HA - 6 (890-7309-29), HA - 6 (890-7309-30), HA - 7 (890-7309-31), HA - 7 (890-7309-32), HA - 7 (890-7309-33), HA - 7 (890-7309-34), HA - 7 (890-7309-35), HA - 8 (890-7309-36), HA - 8 (890-7309-37), HA - 8 (890-7309-38), HA - 8 (890-7309-39), HA - 8 (890-7309-40), HA - 9 (890-7309-41), HA - 9 (890-7309-42), HA - 9 (890-7309-43), HA - 9 (890-7309-44), HA - 9 (890-7309-45), HA - 10 (890-7309-46), HA - 10 (890-7309-47), HA - 10 (890-7309-48), HA - 10 (890-7309-49), HA - 10 (890-7309-50), HA - 11 (890-7309-51), HA - 11 (890-7309-52), HA - 11 (890-7309-53), HA - 11 (890-7309-54), HA - 11 (890-7309-55), HA - 12 (890-7309-56), HA - 12 (890-7309-57), HA - 12 (890-7309-58), HA - 12 (890-7309-59), HA - 12 (890-7309-60), HA - 13 (890-7309-61), HA - 13 (890-7309-62), HA - 13 (890-7309-63), HA - 13 (890-7309-64) and HA - 13 (890-7309-65).

GC VOA
Method 8021B: The surrogate recovery for the blank associated with preparation batch 880-94091 and analytical batch 880-93912 was outside the upper control limits.

Method 8021B: The surrogate recovery for the blank associated with preparation batch 880-94143 and 880-94193 and analytical batch 880-94208 was outside the upper control limits.

Method 8021B: Surrogate recovery for the following samples were outside control limits: HA - 4 (890-7309-17) and HA - 4 (890-7309-18). Evidence of matrix interferences is not obvious.

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

Diesel Range Organics
Method 8015MOD_NM: The laboratory control sample (LCS) associated with preparation batch 880-94079 and analytical batch 880-94159 was outside acceptance criteria. Re-extraction and/or re-analysis could not be performed; therefore, the data have been reported. The batch matrix spike/matrix spike duplicate (MS/MSD) was within acceptance limits and may be used to evaluate matrix performance.

Method 8015MOD_NM: An incorrect volume of surrogate spiking solution was inadvertently added the following samples: HA - 4 (890-7309-20), (LCS 880-94079/2-A) and (LCSD 880-94079/3-A). Percent recoveries are based on the amount spiked.

Method 8015MOD_NM: An incorrect volume of surrogate spiking solution was inadvertently added the following samples: (CCV 880-94161/59), (LCS 880-94080/2-A), (LCSD 880-94080/3-A) and (890-7309-A-24-C MSD). Percent recoveries are based on the amount spiked.

Method 8015MOD_NM: The laboratory control sample (LCS) associated with preparation batch 880-94081 and analytical batch

Case Narrative

Client: Earth Systems Response and Restoration
Job ID: 890-7309-1
Project: Nailed It Federal Com #222H

Job ID: 890-7309-1 (Continued)
Eurofins Carlsbad

880-94161 was outside acceptance criteria. Re-extraction and/or re-analysis could not be performed; therefore, the data have been reported. The batch matrix spike/matrix spike duplicate (MS/MSD) was within acceptance limits and may be used to evaluate matrix performance.

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: (LCS 880-94081/2-A) and (LCSD 880-94081/3-A). Evidence of matrix interferences is not obvious.

Method 8015MOD_NM: The closing continuing calibration verification (CCVC) associated with batch 880-94161 recovered above the upper control limit for Gasoline Range Organics (GRO)-C6-C10 and Diesel Range Organics (Over C10-C28). The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported.

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: HA - 6 (890-7309-26), HA - 6 (890-7309-27), HA - 6 (890-7309-30), HA - 7 (890-7309-31), HA - 7 (890-7309-32), HA - 7 (890-7309-34), HA - 7 (890-7309-35), HA - 8 (890-7309-38), HA - 8 (890-7309-39), HA - 8 (890-7309-40), HA - 9 (890-7309-41), HA - 9 (890-7309-42), HA - 9 (890-7309-43) and (890-7309-A-24-B MS). Evidence of matrix interferences is not obvious.

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

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

Client Sample Results

Client: Earth Systems Response and Restoration
Project/Site: Nailed It Federal Com #222H

Job ID: 890-7309-1
SDG: 2302

Client Sample ID: HA - 1

Lab Sample ID: 890-7309-1
Matrix: Solid

Date Collected: 10/23/24 07:30
Date Received: 10/24/24 15:20
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		10/25/24 08:22	10/25/24 11:28	1
Toluene	<0.00201	U	0.00201		mg/Kg		10/25/24 08:22	10/25/24 11:28	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		10/25/24 08:22	10/25/24 11:28	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		10/25/24 08:22	10/25/24 11:28	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		10/25/24 08:22	10/25/24 11:28	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		10/25/24 08:22	10/25/24 11:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*125*		*70 - 130*	*10/25/24 08:22*	*10/25/24 11:28*	*1*
1,4-Difluorobenzene (Surr)	*95*		*70 - 130*	*10/25/24 08:22*	*10/25/24 11:28*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			10/25/24 11:28	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			10/25/24 23:38	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		10/25/24 07:33	10/25/24 23:38	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		10/25/24 07:33	10/25/24 23:38	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		10/25/24 07:33	10/25/24 23:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*111*		*70 - 130*	*10/25/24 07:33*	*10/25/24 23:38*	*1*
o-Terphenyl	*90*		*70 - 130*	*10/25/24 07:33*	*10/25/24 23:38*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**66.5**		9.96		mg/Kg			10/25/24 18:59	1

Client Sample ID: HA - 1

Lab Sample ID: 890-7309-2
Matrix: Solid

Date Collected: 10/23/24 07:35
Date Received: 10/24/24 15:20
Sample Depth: 1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		10/25/24 08:22	10/25/24 11:49	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/25/24 08:22	10/25/24 11:49	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/25/24 08:22	10/25/24 11:49	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		10/25/24 08:22	10/25/24 11:49	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/25/24 08:22	10/25/24 11:49	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		10/25/24 08:22	10/25/24 11:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*113*		*70 - 130*	*10/25/24 08:22*	*10/25/24 11:49*	*1*

Client Sample Results

Client: Earth Systems Response and Restoration
Project/Site: Nailed It Federal Com #222H

Job ID: 890-7309-1
SDG: 2302

Client Sample ID: HA - 1

Lab Sample ID: 890-7309-2
Matrix: Solid

Date Collected: 10/23/24 07:35
Date Received: 10/24/24 15:20
Sample Depth: 1

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	94		70 - 130	10/25/24 08:22	10/25/24 11:49	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			10/25/24 11:49	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			10/25/24 23:54	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	<50.0	U	50.0		mg/Kg		10/25/24 07:33	10/25/24 23:54	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		10/25/24 07:33	10/25/24 23:54	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		10/25/24 07:33	10/25/24 23:54	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	99		70 - 130	10/25/24 07:33	10/25/24 23:54	1
o-Terphenyl	81		70 - 130	10/25/24 07:33	10/25/24 23:54	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**52.6**		10.1		mg/Kg			10/25/24 19:14	1

Client Sample ID: HA - 1

Lab Sample ID: 890-7309-3
Matrix: Solid

Date Collected: 10/23/24 07:40
Date Received: 10/24/24 15:20
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		10/25/24 08:22	10/25/24 12:09	1
Toluene	<0.00199	U	0.00199		mg/Kg		10/25/24 08:22	10/25/24 12:09	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		10/25/24 08:22	10/25/24 12:09	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		10/25/24 08:22	10/25/24 12:09	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		10/25/24 08:22	10/25/24 12:09	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		10/25/24 08:22	10/25/24 12:09	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	113		70 - 130	10/25/24 08:22	10/25/24 12:09	1
1,4-Difluorobenzene (Surr)	95		70 - 130	10/25/24 08:22	10/25/24 12:09	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			10/25/24 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	<49.8	U	49.8		mg/Kg			10/26/24 00:10	1

Client Sample Results

Client: Earth Systems Response and Restoration
Project/Site: Nailed It Federal Com #222H

Job ID: 890-7309-1
SDG: 2302

Client Sample ID: HA - 1

Lab Sample ID: 890-7309-3
Matrix: Solid

Date Collected: 10/23/24 07:40
Date Received: 10/24/24 15:20
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		10/25/24 07:33	10/26/24 00:10	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		10/25/24 07:33	10/26/24 00:10	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		10/25/24 07:33	10/26/24 00:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*99*		*70 - 130*	*10/25/24 07:33*	*10/26/24 00:10*	*1*
o-Terphenyl	*81*		*70 - 130*	*10/25/24 07:33*	*10/26/24 00:10*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**41.4**		9.96		mg/Kg			10/25/24 19:19	1

Client Sample ID: HA - 1

Lab Sample ID: 890-7309-4
Matrix: Solid

Date Collected: 10/23/24 07:45
Date Received: 10/24/24 15:20
Sample Depth: 3

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		10/25/24 08:22	10/25/24 12:30	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/25/24 08:22	10/25/24 12:30	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/25/24 08:22	10/25/24 12:30	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		10/25/24 08:22	10/25/24 12:30	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/25/24 08:22	10/25/24 12:30	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		10/25/24 08:22	10/25/24 12:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*122*		*70 - 130*	*10/25/24 08:22*	*10/25/24 12:30*	*1*
1,4-Difluorobenzene (Surr)	*93*		*70 - 130*	*10/25/24 08:22*	*10/25/24 12:30*	*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			10/25/24 12:30	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			10/26/24 02:21	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		10/25/24 07:36	10/26/24 02:21	1
Diesel Range Organics (Over C10-C28)	<50.0	U *+	50.0		mg/Kg		10/25/24 07:36	10/26/24 02:21	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		10/25/24 07:36	10/26/24 02:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*110*		*70 - 130*	*10/25/24 07:36*	*10/26/24 02:21*	*1*
o-Terphenyl	*89*		*70 - 130*	*10/25/24 07:36*	*10/26/24 02:21*	*1*

Client Sample Results

Client: Earth Systems Response and Restoration
Project/Site: Nailed It Federal Com #222H

Job ID: 890-7309-1
SDG: 2302

Client Sample ID: HA - 1

Lab Sample ID: 890-7309-4
Matrix: Solid

Date Collected: 10/23/24 07:45
Date Received: 10/24/24 15:20
Sample Depth: 3

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	42.7		9.92		mg/Kg			10/25/24 19:33	1

Client Sample ID: HA - 1

Lab Sample ID: 890-7309-5
Matrix: Solid

Date Collected: 10/23/24 07:50
Date Received: 10/24/24 15:20
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		10/25/24 08:22	10/25/24 12:50	1
Toluene	<0.00199	U	0.00199		mg/Kg		10/25/24 08:22	10/25/24 12:50	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		10/25/24 08:22	10/25/24 12:50	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		10/25/24 08:22	10/25/24 12:50	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		10/25/24 08:22	10/25/24 12:50	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		10/25/24 08:22	10/25/24 12:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*112*		*70 - 130*	*10/25/24 08:22*	*10/25/24 12:50*	*1*
1,4-Difluorobenzene (Surr)	*96*		*70 - 130*	*10/25/24 08:22*	*10/25/24 12:50*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			10/25/24 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	<49.7	U	49.7		mg/Kg			10/26/24 03:12	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		10/25/24 07:36	10/26/24 03:12	1
Diesel Range Organics (Over C10-C28)	<49.7	U *+	49.7		mg/Kg		10/25/24 07:36	10/26/24 03:12	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		10/25/24 07:36	10/26/24 03:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*103*		*70 - 130*	*10/25/24 07:36*	*10/26/24 03:12*	*1*
o-Terphenyl	*81*		*70 - 130*	*10/25/24 07:36*	*10/26/24 03:12*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	52.9		10.0		mg/Kg			10/25/24 19:38	1

Client Sample Results

Client: Earth Systems Response and Restoration
Project/Site: Nailed It Federal Com #222H

Job ID: 890-7309-1
SDG: 2302

Client Sample ID: HA - 2

Lab Sample ID: 890-7309-6
Matrix: Solid

Date Collected: 10/23/24 07:55
Date Received: 10/24/24 15:20
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		10/25/24 08:22	10/25/24 13:11	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/25/24 08:22	10/25/24 13:11	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/25/24 08:22	10/25/24 13:11	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		10/25/24 08:22	10/25/24 13:11	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/25/24 08:22	10/25/24 13:11	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		10/25/24 08:22	10/25/24 13:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*124*		*70 - 130*	*10/25/24 08:22*	*10/25/24 13:11*	*1*
1,4-Difluorobenzene (Surr)	*95*		*70 - 130*	*10/25/24 08:22*	*10/25/24 13:11*	*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			10/25/24 13:11	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			10/26/24 03:28	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		10/25/24 07:36	10/26/24 03:28	1
Diesel Range Organics (Over C10-C28)	<50.0	U *+	50.0		mg/Kg		10/25/24 07:36	10/26/24 03:28	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		10/25/24 07:36	10/26/24 03:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*113*		*70 - 130*	*10/25/24 07:36*	*10/26/24 03:28*	*1*
o-Terphenyl	*93*		*70 - 130*	*10/25/24 07:36*	*10/26/24 03:28*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**29.9**		9.90		mg/Kg			10/25/24 19:43	1

Client Sample ID: HA - 2

Lab Sample ID: 890-7309-7
Matrix: Solid

Date Collected: 10/23/24 08:00
Date Received: 10/24/24 15:20
Sample Depth: 1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		10/25/24 08:22	10/25/24 13:31	1
Toluene	<0.00199	U	0.00199		mg/Kg		10/25/24 08:22	10/25/24 13:31	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		10/25/24 08:22	10/25/24 13:31	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		10/25/24 08:22	10/25/24 13:31	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		10/25/24 08:22	10/25/24 13:31	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		10/25/24 08:22	10/25/24 13:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*117*		*70 - 130*	*10/25/24 08:22*	*10/25/24 13:31*	*1*

Client Sample Results

Client: Earth Systems Response and Restoration
Project/Site: Nailed It Federal Com #222H

Job ID: 890-7309-1
SDG: 2302

Client Sample ID: HA - 2

Lab Sample ID: 890-7309-7
Matrix: Solid

Date Collected: 10/23/24 08:00
Date Received: 10/24/24 15:20
Sample Depth: 1

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	97		70 - 130	10/25/24 08:22	10/25/24 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			10/25/24 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			10/26/24 03:44	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		10/25/24 07:36	10/26/24 03:44	1
Diesel Range Organics (Over C10-C28)	<49.9	U *+	49.9		mg/Kg		10/25/24 07:36	10/26/24 03:44	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		10/25/24 07:36	10/26/24 03:44	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	112		70 - 130	10/25/24 07:36	10/26/24 03:44	1
o-Terphenyl	88		70 - 130	10/25/24 07:36	10/26/24 03:44	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**34.4**		9.90		mg/Kg			10/25/24 19:47	1

Client Sample ID: HA - 2

Lab Sample ID: 890-7309-8
Matrix: Solid

Date Collected: 10/23/24 08:05
Date Received: 10/24/24 15:20
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		10/25/24 08:22	10/25/24 13:52	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/25/24 08:22	10/25/24 13:52	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/25/24 08:22	10/25/24 13:52	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		10/25/24 08:22	10/25/24 13:52	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/25/24 08:22	10/25/24 13:52	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		10/25/24 08:22	10/25/24 13:52	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	120		70 - 130	10/25/24 08:22	10/25/24 13:52	1
1,4-Difluorobenzene (Surr)	96		70 - 130	10/25/24 08:22	10/25/24 13:52	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			10/25/24 13:52	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			10/26/24 04:01	1

Client Sample Results

Client: Earth Systems Response and Restoration
Project/Site: Nailed It Federal Com #222H

Job ID: 890-7309-1
SDG: 2302

Client Sample ID: HA - 2

Lab Sample ID: 890-7309-8
Matrix: Solid

Date Collected: 10/23/24 08:05
Date Received: 10/24/24 15:20
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		10/25/24 07:36	10/26/24 04:01	1
Diesel Range Organics (Over C10-C28)	<49.8	U *+	49.8		mg/Kg		10/25/24 07:36	10/26/24 04:01	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		10/25/24 07:36	10/26/24 04:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*112*		*70 - 130*	*10/25/24 07:36*	*10/26/24 04:01*	*1*
o-Terphenyl	*90*		*70 - 130*	*10/25/24 07:36*	*10/26/24 04:01*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**31.1**		9.90		mg/Kg			10/25/24 19:52	1

Client Sample ID: HA - 2

Lab Sample ID: 890-7309-9
Matrix: Solid

Date Collected: 10/23/24 08:10
Date Received: 10/24/24 15:20
Sample Depth: 3

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		10/25/24 08:22	10/25/24 14:12	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/25/24 08:22	10/25/24 14:12	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/25/24 08:22	10/25/24 14:12	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		10/25/24 08:22	10/25/24 14:12	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/25/24 08:22	10/25/24 14:12	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		10/25/24 08:22	10/25/24 14:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*117*		*70 - 130*	*10/25/24 08:22*	*10/25/24 14:12*	*1*
1,4-Difluorobenzene (Surr)	*95*		*70 - 130*	*10/25/24 08:22*	*10/25/24 14:12*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			10/25/24 14:12	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			10/26/24 04:17	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		10/25/24 07:36	10/26/24 04:17	1
Diesel Range Organics (Over C10-C28)	<49.8	U *+	49.8		mg/Kg		10/25/24 07:36	10/26/24 04:17	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		10/25/24 07:36	10/26/24 04:17	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*121*		*70 - 130*	*10/25/24 07:36*	*10/26/24 04:17*	*1*
o-Terphenyl	*95*		*70 - 130*	*10/25/24 07:36*	*10/26/24 04:17*	*1*

Client Sample Results

Client: Earth Systems Response and Restoration
Project/Site: Nailed It Federal Com #222H

Job ID: 890-7309-1
SDG: 2302

Client Sample ID: HA - 2

Lab Sample ID: 890-7309-9
Matrix: Solid

Date Collected: 10/23/24 08:10
Date Received: 10/24/24 15:20
Sample Depth: 3

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	41.9		10.0		mg/Kg			10/25/24 19:57	1

Client Sample ID: HA - 2

Lab Sample ID: 890-7309-10
Matrix: Solid

Date Collected: 10/23/24 08:15
Date Received: 10/24/24 15:20
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		10/25/24 08:22	10/25/24 14:33	1
Toluene	<0.00199	U	0.00199		mg/Kg		10/25/24 08:22	10/25/24 14:33	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		10/25/24 08:22	10/25/24 14:33	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		10/25/24 08:22	10/25/24 14:33	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		10/25/24 08:22	10/25/24 14:33	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		10/25/24 08:22	10/25/24 14:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*116*		*70 - 130*	*10/25/24 08:22*	*10/25/24 14:33*	*1*
1,4-Difluorobenzene (Surr)	*95*		*70 - 130*	*10/25/24 08:22*	*10/25/24 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			10/25/24 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	<49.7	U	49.7		mg/Kg			10/26/24 04:34	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U *+	49.7		mg/Kg		10/25/24 07:36	10/26/24 04:34	1
Diesel Range Organics (Over C10-C28)	<49.7	U *+	49.7		mg/Kg		10/25/24 07:36	10/26/24 04:34	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		10/25/24 07:36	10/26/24 04:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*94*		*70 - 130*	*10/25/24 07:36*	*10/26/24 04:34*	*1*
o-Terphenyl	*76*		*70 - 130*	*10/25/24 07:36*	*10/26/24 04:34*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	39.4		10.0		mg/Kg			10/25/24 20:02	1

Client Sample Results

Client: Earth Systems Response and Restoration
Project/Site: Nailed It Federal Com #222H

Job ID: 890-7309-1
SDG: 2302

Client Sample ID: HA - 3

Lab Sample ID: 890-7309-11
Matrix: Solid

Date Collected: 10/23/24 08:20
Date Received: 10/24/24 15:20
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		10/25/24 08:22	10/25/24 15:55	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/25/24 08:22	10/25/24 15:55	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/25/24 08:22	10/25/24 15:55	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		10/25/24 08:22	10/25/24 15:55	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/25/24 08:22	10/25/24 15:55	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		10/25/24 08:22	10/25/24 15:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*122*		*70 - 130*	*10/25/24 08:22*	*10/25/24 15:55*	*1*
1,4-Difluorobenzene (Surr)	*94*		*70 - 130*	*10/25/24 08:22*	*10/25/24 15:55*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			10/25/24 15:55	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			10/26/24 04:50	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U *+	49.7		mg/Kg		10/25/24 07:36	10/26/24 04:50	1
Diesel Range Organics (Over C10-C28)	<49.7	U *+	49.7		mg/Kg		10/25/24 07:36	10/26/24 04:50	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		10/25/24 07:36	10/26/24 04:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*107*		*70 - 130*	*10/25/24 07:36*	*10/26/24 04:50*	*1*
o-Terphenyl	*88*		*70 - 130*	*10/25/24 07:36*	*10/26/24 04:50*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**36.8**		9.92		mg/Kg			10/25/24 17:38	1

Client Sample ID: HA - 3

Lab Sample ID: 890-7309-12
Matrix: Solid

Date Collected: 10/23/24 08:25
Date Received: 10/24/24 15:20
Sample Depth: 1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		10/25/24 17:00	10/29/24 01:21	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/25/24 17:00	10/29/24 01:21	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/25/24 17:00	10/29/24 01:21	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		10/25/24 17:00	10/29/24 01:21	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/25/24 17:00	10/29/24 01:21	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		10/25/24 17:00	10/29/24 01:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*117*		*70 - 130*	*10/25/24 17:00*	*10/29/24 01:21*	*1*

Client Sample Results

Client: Earth Systems Response and Restoration
Project/Site: Nailed It Federal Com #222H

Job ID: 890-7309-1
SDG: 2302

Client Sample ID: HA - 3

Lab Sample ID: 890-7309-12
Matrix: Solid

Date Collected: 10/23/24 08:25
Date Received: 10/24/24 15:20
Sample Depth: 1

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	110		70 - 130	10/25/24 17:00	10/29/24 01:21	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			10/29/24 01:21	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			10/26/24 05:07	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		10/25/24 07:36	10/26/24 05:07	1
Diesel Range Organics (Over C10-C28)	<50.0	U *+	50.0		mg/Kg		10/25/24 07:36	10/26/24 05:07	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		10/25/24 07:36	10/26/24 05:07	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	112		70 - 130	10/25/24 07:36	10/26/24 05:07	1
o-Terphenyl	92		70 - 130	10/25/24 07:36	10/26/24 05:07	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**35.2**		9.92		mg/Kg			10/25/24 17:59	1

Client Sample ID: HA - 3

Lab Sample ID: 890-7309-13
Matrix: Solid

Date Collected: 10/23/24 08:30
Date Received: 10/24/24 15:20
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		10/25/24 17:00	10/29/24 01:41	1
Toluene	<0.00199	U	0.00199		mg/Kg		10/25/24 17:00	10/29/24 01:41	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		10/25/24 17:00	10/29/24 01:41	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		10/25/24 17:00	10/29/24 01:41	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		10/25/24 17:00	10/29/24 01:41	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		10/25/24 17:00	10/29/24 01:41	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		70 - 130	10/25/24 17:00	10/29/24 01:41	1
1,4-Difluorobenzene (Surr)	109		70 - 130	10/25/24 17:00	10/29/24 01:41	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			10/29/24 01:41	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			10/26/24 05:23	1

Client Sample Results

Client: Earth Systems Response and Restoration
Project/Site: Nailed It Federal Com #222H

Job ID: 890-7309-1
SDG: 2302

Client Sample ID: HA - 3

Lab Sample ID: 890-7309-13
Matrix: Solid

Date Collected: 10/23/24 08:30
Date Received: 10/24/24 15:20
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		10/25/24 07:36	10/26/24 05:23	1
Diesel Range Organics (Over C10-C28)	<49.8	U *+	49.8		mg/Kg		10/25/24 07:36	10/26/24 05:23	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		10/25/24 07:36	10/26/24 05:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*113*		*70 - 130*	*10/25/24 07:36*	*10/26/24 05:23*	*1*
o-Terphenyl	*92*		*70 - 130*	*10/25/24 07:36*	*10/26/24 05:23*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**30.9**		10.1		mg/Kg			10/25/24 18:05	1

Client Sample ID: HA - 3

Lab Sample ID: 890-7309-14
Matrix: Solid

Date Collected: 10/23/24 08:35
Date Received: 10/24/24 15:20
Sample Depth: 3

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		10/25/24 17:00	10/29/24 02:02	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/25/24 17:00	10/29/24 02:02	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/25/24 17:00	10/29/24 02:02	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		10/25/24 17:00	10/29/24 02:02	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/25/24 17:00	10/29/24 02:02	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		10/25/24 17:00	10/29/24 02:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*109*		*70 - 130*	*10/25/24 17:00*	*10/29/24 02:02*	*1*
1,4-Difluorobenzene (Surr)	*109*		*70 - 130*	*10/25/24 17:00*	*10/29/24 02:02*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			10/29/24 02:02	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			10/26/24 05:55	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U *+	50.0		mg/Kg		10/25/24 07:36	10/26/24 05:55	1
Diesel Range Organics (Over C10-C28)	<50.0	U *+	50.0		mg/Kg		10/25/24 07:36	10/26/24 05:55	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		10/25/24 07:36	10/26/24 05:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*108*		*70 - 130*	*10/25/24 07:36*	*10/26/24 05:55*	*1*
o-Terphenyl	*88*		*70 - 130*	*10/25/24 07:36*	*10/26/24 05:55*	*1*

Client Sample Results

Client: Earth Systems Response and Restoration
Project/Site: Nailed It Federal Com #222H

Job ID: 890-7309-1
SDG: 2302

Client Sample ID: HA - 3

Lab Sample ID: 890-7309-14
Date Collected: 10/23/24 08:35
Matrix: Solid
Date Received: 10/24/24 15:20
Sample Depth: 3

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	29.5		9.98		mg/Kg			10/25/24 18:12	1

Client Sample ID: HA - 3

Lab Sample ID: 890-7309-15
Date Collected: 10/23/24 08:40
Matrix: Solid
Date Received: 10/24/24 15:20
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		10/25/24 17:00	10/29/24 02:22	1
Toluene	<0.00199	U	0.00199		mg/Kg		10/25/24 17:00	10/29/24 02:22	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		10/25/24 17:00	10/29/24 02:22	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		10/25/24 17:00	10/29/24 02:22	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		10/25/24 17:00	10/29/24 02:22	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		10/25/24 17:00	10/29/24 02:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*122*		*70 - 130*	*10/25/24 17:00*	*10/29/24 02:22*	*1*
1,4-Difluorobenzene (Surr)	*113*		*70 - 130*	*10/25/24 17:00*	*10/29/24 02:22*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			10/29/24 02:22	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			10/26/24 06:11	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	<49.8	U *+	49.8		mg/Kg		10/25/24 07:36	10/26/24 06:11	1
Diesel Range Organics (Over C10-C28)	<49.8	U *+	49.8		mg/Kg		10/25/24 07:36	10/26/24 06:11	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		10/25/24 07:36	10/26/24 06:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*111*		*70 - 130*	*10/25/24 07:36*	*10/26/24 06:11*	*1*
o-Terphenyl	*87*		*70 - 130*	*10/25/24 07:36*	*10/26/24 06:11*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.1	U	10.1		mg/Kg			10/25/24 18:19	1

Client Sample Results

Client: Earth Systems Response and Restoration
Project/Site: Nailed It Federal Com #222H

Job ID: 890-7309-1
SDG: 2302

Client Sample ID: HA - 4

Lab Sample ID: 890-7309-16
Matrix: Solid

Date Collected: 10/23/24 08:45
Date Received: 10/24/24 15:20
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		10/25/24 17:00	10/29/24 02:42	1
Toluene	**0.00216**		0.00200		mg/Kg		10/25/24 17:00	10/29/24 02:42	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/25/24 17:00	10/29/24 02:42	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		10/25/24 17:00	10/29/24 02:42	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/25/24 17:00	10/29/24 02:42	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		10/25/24 17:00	10/29/24 02:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*124*		*70 - 130*	*10/25/24 17:00*	*10/29/24 02:42*	*1*
1,4-Difluorobenzene (Surr)	*115*		*70 - 130*	*10/25/24 17:00*	*10/29/24 02:42*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			10/29/24 02:42	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			10/26/24 06:28	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U *+	49.9		mg/Kg		10/25/24 07:36	10/26/24 06:28	1
Diesel Range Organics (Over C10-C28)	<49.9	U *+	49.9		mg/Kg		10/25/24 07:36	10/26/24 06:28	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		10/25/24 07:36	10/26/24 06:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*122*		*70 - 130*	*10/25/24 07:36*	*10/26/24 06:28*	*1*
o-Terphenyl	*97*		*70 - 130*	*10/25/24 07:36*	*10/26/24 06:28*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**50.0**		9.94		mg/Kg			10/25/24 18:40	1

Client Sample ID: HA - 4

Lab Sample ID: 890-7309-17
Matrix: Solid

Date Collected: 10/23/24 08:50
Date Received: 10/24/24 15:20
Sample Depth: 1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		10/25/24 17:00	10/29/24 03:03	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/25/24 17:00	10/29/24 03:03	1
Ethylbenzene	**0.00477**		0.00200		mg/Kg		10/25/24 17:00	10/29/24 03:03	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		10/25/24 17:00	10/29/24 03:03	1
o-Xylene	**0.00281**		0.00200		mg/Kg		10/25/24 17:00	10/29/24 03:03	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		10/25/24 17:00	10/29/24 03:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*133*	*S1+*	*70 - 130*	*10/25/24 17:00*	*10/29/24 03:03*	*1*

Client Sample Results

Client: Earth Systems Response and Restoration
Project/Site: Nailed It Federal Com #222H

Job ID: 890-7309-1
SDG: 2302

Client Sample ID: HA - 4

Lab Sample ID: 890-7309-17
Matrix: Solid

Date Collected: 10/23/24 08:50
Date Received: 10/24/24 15:20
Sample Depth: 1

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	130		70 - 130	10/25/24 17:00	10/29/24 03:03	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	**0.00758**		0.00399		mg/Kg			10/29/24 03:03	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			10/26/24 06:44	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		10/25/24 07:36	10/26/24 06:44	1
Diesel Range Organics (Over C10-C28)	<49.9	U *+	49.9		mg/Kg		10/25/24 07:36	10/26/24 06:44	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		10/25/24 07:36	10/26/24 06:44	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	115		70 - 130	10/25/24 07:36	10/26/24 06:44	1
o-Terphenyl	91		70 - 130	10/25/24 07:36	10/26/24 06:44	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**90.9**		9.92		mg/Kg			10/25/24 18:47	1

Client Sample ID: HA - 4

Lab Sample ID: 890-7309-18
Matrix: Solid

Date Collected: 10/23/24 08:55
Date Received: 10/24/24 15:20
Sample Depth: 2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0100	U	0.0100		mg/Kg		10/25/24 17:00	10/29/24 03:23	1
Toluene	<0.0100	U	0.0100		mg/Kg		10/25/24 17:00	10/29/24 03:23	1
Ethylbenzene	<0.0100	U	0.0100		mg/Kg		10/25/24 17:00	10/29/24 03:23	1
m-Xylene & p-Xylene	<0.0200	U	0.0200		mg/Kg		10/25/24 17:00	10/29/24 03:23	1
o-Xylene	<0.0100	U	0.0100		mg/Kg		10/25/24 17:00	10/29/24 03:23	1
Xylenes, Total	<0.0200	U	0.0200		mg/Kg		10/25/24 17:00	10/29/24 03:23	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	131	S1+	70 - 130	10/25/24 17:00	10/29/24 03:23	1
1,4-Difluorobenzene (Surr)	107		70 - 130	10/25/24 17:00	10/29/24 03:23	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.0200	U	0.0200		mg/Kg			10/29/24 03:23	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			10/26/24 06:59	1

Client Sample Results

Client: Earth Systems Response and Restoration
Project/Site: Nailed It Federal Com #222H

Job ID: 890-7309-1
SDG: 2302

Client Sample ID: HA - 4

Lab Sample ID: 890-7309-18
Matrix: Solid

Date Collected: 10/23/24 08:55
Date Received: 10/24/24 15:20
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	<50.0	U *+	50.0		mg/Kg		10/25/24 07:36	10/26/24 06:59	1
Diesel Range Organics (Over C10-C28)	<50.0	U *+	50.0		mg/Kg		10/25/24 07:36	10/26/24 06:59	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		10/25/24 07:36	10/26/24 06:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*110*		*70 - 130*	*10/25/24 07:36*	*10/26/24 06:59*	*1*
o-Terphenyl	*87*		*70 - 130*	*10/25/24 07:36*	*10/26/24 06:59*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**59.3**		10.1		mg/Kg			10/25/24 18:53	1

Client Sample ID: HA - 4

Lab Sample ID: 890-7309-19
Matrix: Solid

Date Collected: 10/23/24 09:00
Date Received: 10/24/24 15:20
Sample Depth: 3

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		10/25/24 17:00	10/29/24 05:13	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/25/24 17:00	10/29/24 05:13	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/25/24 17:00	10/29/24 05:13	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		10/25/24 17:00	10/29/24 05:13	1
o-Xylene	**0.00324**		0.00200		mg/Kg		10/25/24 17:00	10/29/24 05:13	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		10/25/24 17:00	10/29/24 05:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*96*		*70 - 130*	*10/25/24 17:00*	*10/29/24 05:13*	*1*
1,4-Difluorobenzene (Surr)	*106*		*70 - 130*	*10/25/24 17:00*	*10/29/24 05:13*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			10/29/24 05:13	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			10/26/24 07:16	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		10/25/24 07:36	10/26/24 07:16	1
Diesel Range Organics (Over C10-C28)	<49.7	U *+	49.7		mg/Kg		10/25/24 07:36	10/26/24 07:16	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		10/25/24 07:36	10/26/24 07:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*107*		*70 - 130*	*10/25/24 07:36*	*10/26/24 07:16*	*1*
o-Terphenyl	*85*		*70 - 130*	*10/25/24 07:36*	*10/26/24 07:16*	*1*

Client Sample Results

Client: Earth Systems Response and Restoration
Project/Site: Nailed It Federal Com #222H

Job ID: 890-7309-1
SDG: 2302

Client Sample ID: HA - 4

Lab Sample ID: 890-7309-19
Matrix: Solid

Date Collected: 10/23/24 09:00
Date Received: 10/24/24 15:20
Sample Depth: 3

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**66.8**		9.92		mg/Kg			10/25/24 19:00	1

Client Sample ID: HA - 4

Lab Sample ID: 890-7309-20
Matrix: Solid

Date Collected: 10/23/24 09:05
Date Received: 10/24/24 15:20
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		10/25/24 17:00	10/29/24 05:34	1
Toluene	<0.00199	U	0.00199		mg/Kg		10/25/24 17:00	10/29/24 05:34	1
Ethylbenzene	**0.00212**		0.00199		mg/Kg		10/25/24 17:00	10/29/24 05:34	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		10/25/24 17:00	10/29/24 05:34	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		10/25/24 17:00	10/29/24 05:34	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		10/25/24 17:00	10/29/24 05:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*116*		*70 - 130*	*10/25/24 17:00*	*10/29/24 05:34*	*1*
1,4-Difluorobenzene (Surr)	*114*		*70 - 130*	*10/25/24 17:00*	*10/29/24 05:34*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			10/29/24 05:34	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**220**		50.0		mg/Kg			10/26/24 07:31	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U *+	50.0		mg/Kg		10/25/24 07:36	10/26/24 07:31	1
Diesel Range Organics (Over C10-C28)	**220**	***+**	50.0		mg/Kg		10/25/24 07:36	10/26/24 07:31	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		10/25/24 07:36	10/26/24 07:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*77*		*70 - 130*	*10/25/24 07:36*	*10/26/24 07:31*	*1*
o-Terphenyl	*65*	*S1-*	*70 - 130*	*10/25/24 07:36*	*10/26/24 07:31*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**70.1**		10.1		mg/Kg			10/25/24 19:07	1

Client Sample Results

Client: Earth Systems Response and Restoration
Project/Site: Nailed It Federal Com #222H

Job ID: 890-7309-1
SDG: 2302

Client Sample ID: HA - 5

Lab Sample ID: 890-7309-21
Matrix: Solid

Date Collected: 10/23/24 09:10
Date Received: 10/24/24 15:20
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		10/25/24 08:24	10/25/24 11:37	1
Toluene	<0.00201	U	0.00201		mg/Kg		10/25/24 08:24	10/25/24 11:37	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		10/25/24 08:24	10/25/24 11:37	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		10/25/24 08:24	10/25/24 11:37	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		10/25/24 08:24	10/25/24 11:37	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		10/25/24 08:24	10/25/24 11:37	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*100*		*70 - 130*	*10/25/24 08:24*	*10/25/24 11:37*	*1*
1,4-Difluorobenzene (Surr)	*101*		*70 - 130*	*10/25/24 08:24*	*10/25/24 11:37*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			10/25/24 11:37	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**91.0**		49.8		mg/Kg			10/26/24 07:47	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		10/25/24 07:36	10/26/24 07:47	1
Diesel Range Organics (Over C10-C28)	**91.0**	***+**	49.8		mg/Kg		10/25/24 07:36	10/26/24 07:47	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		10/25/24 07:36	10/26/24 07:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*115*		*70 - 130*	*10/25/24 07:36*	*10/26/24 07:47*	*1*
o-Terphenyl	*93*		*70 - 130*	*10/25/24 07:36*	*10/26/24 07:47*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**53.2**		9.94		mg/Kg			10/25/24 19:14	1

Client Sample ID: HA - 5

Lab Sample ID: 890-7309-22
Matrix: Solid

Date Collected: 10/23/24 09:15
Date Received: 10/24/24 15:20
Sample Depth: 1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		10/25/24 08:24	10/25/24 11:58	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/25/24 08:24	10/25/24 11:58	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/25/24 08:24	10/25/24 11:58	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		10/25/24 08:24	10/25/24 11:58	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/25/24 08:24	10/25/24 11:58	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		10/25/24 08:24	10/25/24 11:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*102*		*70 - 130*	*10/25/24 08:24*	*10/25/24 11:58*	*1*

Client Sample Results

Client: Earth Systems Response and Restoration
Project/Site: Nailed It Federal Com #222H

Job ID: 890-7309-1
SDG: 2302

Client Sample ID: HA - 5

Lab Sample ID: 890-7309-22
Matrix: Solid

Date Collected: 10/23/24 09:15
Date Received: 10/24/24 15:20
Sample Depth: 1

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	102		70 - 130	10/25/24 08:24	10/25/24 11:58	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			10/25/24 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			10/26/24 08:03	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		10/25/24 07:36	10/26/24 08:03	1
Diesel Range Organics (Over C10-C28)	<50.0	U *+	50.0		mg/Kg		10/25/24 07:36	10/26/24 08:03	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		10/25/24 07:36	10/26/24 08:03	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	102		70 - 130	10/25/24 07:36	10/26/24 08:03	1
o-Terphenyl	81		70 - 130	10/25/24 07:36	10/26/24 08:03	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**43.1**		9.92		mg/Kg			10/25/24 19:35	1

Client Sample ID: HA - 5

Lab Sample ID: 890-7309-23
Matrix: Solid

Date Collected: 10/23/24 09:20
Date Received: 10/24/24 15:20
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		10/25/24 08:24	10/25/24 12:18	1
Toluene	<0.00199	U	0.00199		mg/Kg		10/25/24 08:24	10/25/24 12:18	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		10/25/24 08:24	10/25/24 12:18	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		10/25/24 08:24	10/25/24 12:18	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		10/25/24 08:24	10/25/24 12:18	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		10/25/24 08:24	10/25/24 12:18	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	102		70 - 130	10/25/24 08:24	10/25/24 12:18	1
1,4-Difluorobenzene (Surr)	101		70 - 130	10/25/24 08:24	10/25/24 12:18	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			10/25/24 12:18	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			10/26/24 08:19	1

Client Sample Results

Client: Earth Systems Response and Restoration
Project/Site: Nailed It Federal Com #222H

Job ID: 890-7309-1
SDG: 2302

Client Sample ID: HA - 5

Lab Sample ID: 890-7309-23
Matrix: Solid

Date Collected: 10/23/24 09:20
Date Received: 10/24/24 15:20
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		10/25/24 07:36	10/26/24 08:19	1
Diesel Range Organics (Over C10-C28)	<49.8	U *+	49.8		mg/Kg		10/25/24 07:36	10/26/24 08:19	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		10/25/24 07:36	10/26/24 08:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*123*		*70 - 130*	*10/25/24 07:36*	*10/26/24 08:19*	*1*
o-Terphenyl	*99*		*70 - 130*	*10/25/24 07:36*	*10/26/24 08:19*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**34.0**		10.1		mg/Kg			10/25/24 19:42	1

Client Sample ID: HA - 5

Lab Sample ID: 890-7309-24
Matrix: Solid

Date Collected: 10/23/24 09:25
Date Received: 10/24/24 15:20
Sample Depth: 3

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		10/25/24 08:24	10/25/24 12:38	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/25/24 08:24	10/25/24 12:38	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/25/24 08:24	10/25/24 12:38	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		10/25/24 08:24	10/25/24 12:38	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/25/24 08:24	10/25/24 12:38	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		10/25/24 08:24	10/25/24 12:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*101*		*70 - 130*	*10/25/24 08:24*	*10/25/24 12:38*	*1*
1,4-Difluorobenzene (Surr)	*101*		*70 - 130*	*10/25/24 08:24*	*10/25/24 12:38*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			10/25/24 12:38	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			10/25/24 18:11	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		10/25/24 07:39	10/25/24 18:11	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		10/25/24 07:39	10/25/24 18:11	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		10/25/24 07:39	10/25/24 18:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*113*		*70 - 130*	*10/25/24 07:39*	*10/25/24 18:11*	*1*
o-Terphenyl	*101*		*70 - 130*	*10/25/24 07:39*	*10/25/24 18:11*	*1*

Client Sample Results

Client: Earth Systems Response and Restoration
Project/Site: Nailed It Federal Com #222H

Job ID: 890-7309-1
SDG: 2302

Client Sample ID: HA - 5

Lab Sample ID: 890-7309-24
Date Collected: 10/23/24 09:25
Matrix: Solid
Date Received: 10/24/24 15:20
Sample Depth: 3

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	36.0		9.96		mg/Kg			10/25/24 20:02	1

Client Sample ID: HA - 5

Lab Sample ID: 890-7309-25
Date Collected: 10/23/24 09:30
Matrix: Solid
Date Received: 10/24/24 15:20
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		10/25/24 08:24	10/25/24 12:59	1
Toluene	<0.00199	U	0.00199		mg/Kg		10/25/24 08:24	10/25/24 12:59	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		10/25/24 08:24	10/25/24 12:59	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		10/25/24 08:24	10/25/24 12:59	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		10/25/24 08:24	10/25/24 12:59	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		10/25/24 08:24	10/25/24 12:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*102*		*70 - 130*	*10/25/24 08:24*	*10/25/24 12:59*	*1*
1,4-Difluorobenzene (Surr)	*101*		*70 - 130*	*10/25/24 08:24*	*10/25/24 12:59*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			10/25/24 12:59	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			10/25/24 19:00	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		10/25/24 07:39	10/25/24 19:00	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		10/25/24 07:39	10/25/24 19:00	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		10/25/24 07:39	10/25/24 19:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*130*		*70 - 130*	*10/25/24 07:39*	*10/25/24 19:00*	*1*
o-Terphenyl	*116*		*70 - 130*	*10/25/24 07:39*	*10/25/24 19:00*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	37.0		10.1		mg/Kg			10/25/24 20:09	1

Client Sample Results

Client: Earth Systems Response and Restoration
Project/Site: Nailed It Federal Com #222H

Job ID: 890-7309-1
SDG: 2302

Client Sample ID: HA - 6

Lab Sample ID: 890-7309-26
Matrix: Solid

Date Collected: 10/23/24 09:35
Date Received: 10/24/24 15:20
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		10/25/24 08:24	10/25/24 13:19	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/25/24 08:24	10/25/24 13:19	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/25/24 08:24	10/25/24 13:19	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		10/25/24 08:24	10/25/24 13:19	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/25/24 08:24	10/25/24 13:19	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		10/25/24 08:24	10/25/24 13:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*102*		*70 - 130*	*10/25/24 08:24*	*10/25/24 13:19*	*1*
1,4-Difluorobenzene (Surr)	*102*		*70 - 130*	*10/25/24 08:24*	*10/25/24 13:19*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			10/25/24 13:19	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			10/25/24 19:16	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		10/25/24 07:39	10/25/24 19:16	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		10/25/24 07:39	10/25/24 19:16	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		10/25/24 07:39	10/25/24 19:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*134*	*S1+*	*70 - 130*	*10/25/24 07:39*	*10/25/24 19:16*	*1*
o-Terphenyl	*120*		*70 - 130*	*10/25/24 07:39*	*10/25/24 19:16*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**56.4**		10.0		mg/Kg			10/25/24 20:16	1

Client Sample ID: HA - 6

Lab Sample ID: 890-7309-27
Matrix: Solid

Date Collected: 10/23/24 09:40
Date Received: 10/24/24 15:20
Sample Depth: 1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		10/25/24 08:24	10/25/24 13:40	1
Toluene	<0.00199	U	0.00199		mg/Kg		10/25/24 08:24	10/25/24 13:40	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		10/25/24 08:24	10/25/24 13:40	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		10/25/24 08:24	10/25/24 13:40	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		10/25/24 08:24	10/25/24 13:40	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		10/25/24 08:24	10/25/24 13:40	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*103*		*70 - 130*	*10/25/24 08:24*	*10/25/24 13:40*	*1*

Client Sample Results

Client: Earth Systems Response and Restoration
Project/Site: Nailed It Federal Com #222H

Job ID: 890-7309-1
SDG: 2302

Client Sample ID: HA - 6

Lab Sample ID: 890-7309-27
Matrix: Solid
Date Collected: 10/23/24 09:40
Date Received: 10/24/24 15:20
Sample Depth: 1

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	102		70 - 130	10/25/24 08:24	10/25/24 13:40	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			10/25/24 13:40	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			10/25/24 19:32	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		10/25/24 07:39	10/25/24 19:32	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		10/25/24 07:39	10/25/24 19:32	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		10/25/24 07:39	10/25/24 19:32	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	133	S1+	70 - 130	10/25/24 07:39	10/25/24 19:32	1
o-Terphenyl	120		70 - 130	10/25/24 07:39	10/25/24 19:32	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**49.2**		10.1		mg/Kg			10/25/24 20:23	1

Client Sample ID: HA - 6

Lab Sample ID: 890-7309-28
Matrix: Solid
Date Collected: 10/23/24 09:45
Date Received: 10/24/24 15:20
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		10/25/24 08:24	10/25/24 14:00	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/25/24 08:24	10/25/24 14:00	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/25/24 08:24	10/25/24 14:00	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		10/25/24 08:24	10/25/24 14:00	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/25/24 08:24	10/25/24 14:00	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		10/25/24 08:24	10/25/24 14:00	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	102		70 - 130	10/25/24 08:24	10/25/24 14:00	1
1,4-Difluorobenzene (Surr)	102		70 - 130	10/25/24 08:24	10/25/24 14:00	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			10/25/24 14:00	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			10/25/24 19:48	1

Client Sample Results

Client: Earth Systems Response and Restoration
Project/Site: Nailed It Federal Com #222H

Job ID: 890-7309-1
SDG: 2302

Client Sample ID: HA - 6

Lab Sample ID: 890-7309-28
Matrix: Solid

Date Collected: 10/23/24 09:45
Date Received: 10/24/24 15:20
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		10/25/24 07:39	10/25/24 19:48	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		10/25/24 07:39	10/25/24 19:48	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		10/25/24 07:39	10/25/24 19:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*120*		*70 - 130*	*10/25/24 07:39*	*10/25/24 19:48*	*1*
o-Terphenyl	*106*		*70 - 130*	*10/25/24 07:39*	*10/25/24 19:48*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**34.3**		10.0		mg/Kg			10/25/24 20:30	1

Client Sample ID: HA - 6

Lab Sample ID: 890-7309-29
Matrix: Solid

Date Collected: 10/23/24 09:50
Date Received: 10/24/24 15:20
Sample Depth: 3

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		10/25/24 08:24	10/25/24 14:20	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/25/24 08:24	10/25/24 14:20	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/25/24 08:24	10/25/24 14:20	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		10/25/24 08:24	10/25/24 14:20	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/25/24 08:24	10/25/24 14:20	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		10/25/24 08:24	10/25/24 14:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*104*		*70 - 130*	*10/25/24 08:24*	*10/25/24 14:20*	*1*
1,4-Difluorobenzene (Surr)	*102*		*70 - 130*	*10/25/24 08:24*	*10/25/24 14:20*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			10/25/24 14:20	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			10/25/24 20:06	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		10/25/24 07:39	10/25/24 20:06	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		10/25/24 07:39	10/25/24 20:06	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		10/25/24 07:39	10/25/24 20:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*124*		*70 - 130*	*10/25/24 07:39*	*10/25/24 20:06*	*1*
o-Terphenyl	*110*		*70 - 130*	*10/25/24 07:39*	*10/25/24 20:06*	*1*

Client Sample Results

Client: Earth Systems Response and Restoration
Project/Site: Nailed It Federal Com #222H

Job ID: 890-7309-1
SDG: 2302

Client Sample ID: HA - 6

Lab Sample ID: 890-7309-29
Date Collected: 10/23/24 09:50
Matrix: Solid
Date Received: 10/24/24 15:20
Sample Depth: 3

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	37.6		9.96		mg/Kg			10/25/24 20:36	1

Client Sample ID: HA - 6

Lab Sample ID: 890-7309-30
Date Collected: 10/23/24 09:55
Matrix: Solid
Date Received: 10/24/24 15:20
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		10/25/24 08:24	10/25/24 14:41	1
Toluene	<0.00199	U	0.00199		mg/Kg		10/25/24 08:24	10/25/24 14:41	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		10/25/24 08:24	10/25/24 14:41	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		10/25/24 08:24	10/25/24 14:41	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		10/25/24 08:24	10/25/24 14:41	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		10/25/24 08:24	10/25/24 14:41	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*101*		*70 - 130*	*10/25/24 08:24*	*10/25/24 14:41*	*1*
1,4-Difluorobenzene (Surr)	*101*		*70 - 130*	*10/25/24 08:24*	*10/25/24 14:41*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			10/25/24 14:41	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			10/25/24 20:22	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		10/25/24 07:39	10/25/24 20:22	1
Diesel Range Organics (Over C10-C28)	<49.6	U	49.6		mg/Kg		10/25/24 07:39	10/25/24 20:22	1
Oil Range Organics (Over C28-C36)	<49.6	U	49.6		mg/Kg		10/25/24 07:39	10/25/24 20:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*131*	*S1+*	*70 - 130*	*10/25/24 07:39*	*10/25/24 20:22*	*1*
o-Terphenyl	*117*		*70 - 130*	*10/25/24 07:39*	*10/25/24 20:22*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	36.1		10.0		mg/Kg			10/25/24 20:43	1

Client Sample Results

Client: Earth Systems Response and Restoration
Project/Site: Nailed It Federal Com #222H

Job ID: 890-7309-1
SDG: 2302

Client Sample ID: HA - 7

Lab Sample ID: 890-7309-31
Matrix: Solid

Date Collected: 10/23/24 10:00
Date Received: 10/24/24 15:20
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		10/25/24 08:24	10/25/24 16:15	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/25/24 08:24	10/25/24 16:15	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/25/24 08:24	10/25/24 16:15	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		10/25/24 08:24	10/25/24 16:15	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/25/24 08:24	10/25/24 16:15	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		10/25/24 08:24	10/25/24 16:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*102*		*70 - 130*	*10/25/24 08:24*	*10/25/24 16:15*	*1*
1,4-Difluorobenzene (Surr)	*101*		*70 - 130*	*10/25/24 08:24*	*10/25/24 16:15*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			10/25/24 16:15	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			10/25/24 20:39	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		10/25/24 07:39	10/25/24 20:39	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		10/25/24 07:39	10/25/24 20:39	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		10/25/24 07:39	10/25/24 20:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*135*	*S1+*	*70 - 130*	*10/25/24 07:39*	*10/25/24 20:39*	*1*
o-Terphenyl	*123*		*70 - 130*	*10/25/24 07:39*	*10/25/24 20:39*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**228**		10.1		mg/Kg			10/25/24 21:38	1

Client Sample ID: HA - 7

Lab Sample ID: 890-7309-32
Matrix: Solid

Date Collected: 10/23/24 10:05
Date Received: 10/24/24 15:20
Sample Depth: 1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		10/25/24 08:24	10/25/24 16:35	1
Toluene	<0.00199	U	0.00199		mg/Kg		10/25/24 08:24	10/25/24 16:35	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		10/25/24 08:24	10/25/24 16:35	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		10/25/24 08:24	10/25/24 16:35	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		10/25/24 08:24	10/25/24 16:35	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		10/25/24 08:24	10/25/24 16:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*102*		*70 - 130*	*10/25/24 08:24*	*10/25/24 16:35*	*1*

Client Sample Results

Client: Earth Systems Response and Restoration
Project/Site: Nailed It Federal Com #222H

Job ID: 890-7309-1
SDG: 2302

Client Sample ID: HA - 7

Lab Sample ID: 890-7309-32
Matrix: Solid

Date Collected: 10/23/24 10:05
Date Received: 10/24/24 15:20
Sample Depth: 1

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	101		70 - 130	10/25/24 08:24	10/25/24 16:35	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			10/25/24 16:35	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			10/25/24 20:55	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		10/25/24 07:39	10/25/24 20:55	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		10/25/24 07:39	10/25/24 20:55	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		10/25/24 07:39	10/25/24 20:55	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	135	S1+	70 - 130	10/25/24 07:39	10/25/24 20:55	1
o-Terphenyl	120		70 - 130	10/25/24 07:39	10/25/24 20:55	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**296**		10.1		mg/Kg			10/25/24 21:59	1

Client Sample ID: HA - 7

Lab Sample ID: 890-7309-33
Matrix: Solid

Date Collected: 10/23/24 10:10
Date Received: 10/24/24 15:20
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		10/25/24 08:24	10/25/24 16:56	1
Toluene	<0.00199	U	0.00199		mg/Kg		10/25/24 08:24	10/25/24 16:56	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		10/25/24 08:24	10/25/24 16:56	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		10/25/24 08:24	10/25/24 16:56	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		10/25/24 08:24	10/25/24 16:56	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		10/25/24 08:24	10/25/24 16:56	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	102		70 - 130	10/25/24 08:24	10/25/24 16:56	1
1,4-Difluorobenzene (Surr)	102		70 - 130	10/25/24 08:24	10/25/24 16:56	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			10/25/24 16:56	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			10/25/24 21:10	1

Client Sample Results

Client: Earth Systems Response and Restoration
Project/Site: Nailed It Federal Com #222H

Job ID: 890-7309-1
SDG: 2302

Client Sample ID: HA - 7

Lab Sample ID: 890-7309-33
Matrix: Solid

Date Collected: 10/23/24 10:10
Date Received: 10/24/24 15:20
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		10/25/24 07:39	10/25/24 21:10	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		10/25/24 07:39	10/25/24 21:10	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		10/25/24 07:39	10/25/24 21:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*124*		*70 - 130*	*10/25/24 07:39*	*10/25/24 21:10*	*1*
o-Terphenyl	*109*		*70 - 130*	*10/25/24 07:39*	*10/25/24 21:10*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**41.4**		9.92		mg/Kg			10/25/24 22:06	1

Client Sample ID: HA - 7

Lab Sample ID: 890-7309-34
Matrix: Solid

Date Collected: 10/23/24 10:15
Date Received: 10/24/24 15:20
Sample Depth: 3

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		10/25/24 08:24	10/25/24 17:16	1
Toluene	<0.00201	U	0.00201		mg/Kg		10/25/24 08:24	10/25/24 17:16	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		10/25/24 08:24	10/25/24 17:16	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		10/25/24 08:24	10/25/24 17:16	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		10/25/24 08:24	10/25/24 17:16	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		10/25/24 08:24	10/25/24 17:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*102*		*70 - 130*	*10/25/24 08:24*	*10/25/24 17:16*	*1*
1,4-Difluorobenzene (Surr)	*100*		*70 - 130*	*10/25/24 08:24*	*10/25/24 17:16*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			10/25/24 17:16	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			10/25/24 21:43	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		10/25/24 07:39	10/25/24 21:43	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		10/25/24 07:39	10/25/24 21:43	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		10/25/24 07:39	10/25/24 21:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*135*	*S1+*	*70 - 130*	*10/25/24 07:39*	*10/25/24 21:43*	*1*
o-Terphenyl	*121*		*70 - 130*	*10/25/24 07:39*	*10/25/24 21:43*	*1*

Client Sample Results

Client: Earth Systems Response and Restoration
Project/Site: Nailed It Federal Com #222H

Job ID: 890-7309-1
SDG: 2302

Client Sample ID: HA - 7

Lab Sample ID: 890-7309-34
Matrix: Solid

Date Collected: 10/23/24 10:15
Date Received: 10/24/24 15:20
Sample Depth: 3

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	34.6		10.1		mg/Kg			10/25/24 22:12	1

Client Sample ID: HA - 7

Lab Sample ID: 890-7309-35
Matrix: Solid

Date Collected: 10/23/24 10:20
Date Received: 10/24/24 15:20
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		10/25/24 08:24	10/25/24 17:36	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/25/24 08:24	10/25/24 17:36	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/25/24 08:24	10/25/24 17:36	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		10/25/24 08:24	10/25/24 17:36	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/25/24 08:24	10/25/24 17:36	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		10/25/24 08:24	10/25/24 17:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*101*		*70 - 130*	*10/25/24 08:24*	*10/25/24 17:36*	*1*
1,4-Difluorobenzene (Surr)	*101*		*70 - 130*	*10/25/24 08:24*	*10/25/24 17:36*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			10/25/24 17:36	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			10/25/24 21:59	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		10/25/24 07:39	10/25/24 21:59	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		10/25/24 07:39	10/25/24 21:59	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		10/25/24 07:39	10/25/24 21:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*137*	*S1+*	*70 - 130*	*10/25/24 07:39*	*10/25/24 21:59*	*1*
o-Terphenyl	*120*		*70 - 130*	*10/25/24 07:39*	*10/25/24 21:59*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	20.4		9.96		mg/Kg			10/25/24 22:19	1

Client Sample Results

Client: Earth Systems Response and Restoration
Project/Site: Nailed It Federal Com #222H

Job ID: 890-7309-1
SDG: 2302

Client Sample ID: HA - 8

Lab Sample ID: 890-7309-36
Matrix: Solid

Date Collected: 10/23/24 10:25
Date Received: 10/24/24 15:20
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		10/25/24 08:24	10/25/24 17:57	1
Toluene	<0.00201	U	0.00201		mg/Kg		10/25/24 08:24	10/25/24 17:57	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		10/25/24 08:24	10/25/24 17:57	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		10/25/24 08:24	10/25/24 17:57	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		10/25/24 08:24	10/25/24 17:57	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		10/25/24 08:24	10/25/24 17:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*101*		*70 - 130*	*10/25/24 08:24*	*10/25/24 17:57*	*1*
1,4-Difluorobenzene (Surr)	*101*		*70 - 130*	*10/25/24 08:24*	*10/25/24 17:57*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			10/25/24 17:57	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			10/25/24 22:15	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		10/25/24 07:39	10/25/24 22:15	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		10/25/24 07:39	10/25/24 22:15	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		10/25/24 07:39	10/25/24 22:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*127*		*70 - 130*	*10/25/24 07:39*	*10/25/24 22:15*	*1*
o-Terphenyl	*110*		*70 - 130*	*10/25/24 07:39*	*10/25/24 22:15*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**12.0**		9.92		mg/Kg			10/25/24 22:40	1

Client Sample ID: HA - 8

Lab Sample ID: 890-7309-37
Matrix: Solid

Date Collected: 10/23/24 10:30
Date Received: 10/24/24 15:20
Sample Depth: 1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		10/25/24 08:24	10/25/24 18:17	1
Toluene	<0.00199	U	0.00199		mg/Kg		10/25/24 08:24	10/25/24 18:17	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		10/25/24 08:24	10/25/24 18:17	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		10/25/24 08:24	10/25/24 18:17	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		10/25/24 08:24	10/25/24 18:17	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		10/25/24 08:24	10/25/24 18:17	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*104*		*70 - 130*	*10/25/24 08:24*	*10/25/24 18:17*	*1*

Client Sample Results

Client: Earth Systems Response and Restoration
Project/Site: Nailed It Federal Com #222H

Job ID: 890-7309-1
SDG: 2302

Client Sample ID: HA - 8

Lab Sample ID: 890-7309-37
Matrix: Solid
Date Collected: 10/23/24 10:30
Date Received: 10/24/24 15:20
Sample Depth: 1

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	102		70 - 130	10/25/24 08:24	10/25/24 18:17	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			10/25/24 18:17	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			10/25/24 22:31	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		10/25/24 07:39	10/25/24 22:31	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		10/25/24 07:39	10/25/24 22:31	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		10/25/24 07:39	10/25/24 22:31	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	122		70 - 130	10/25/24 07:39	10/25/24 22:31	1
o-Terphenyl	108		70 - 130	10/25/24 07:39	10/25/24 22:31	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**45.5**		10.1		mg/Kg			10/25/24 22:47	1

Client Sample ID: HA - 8

Lab Sample ID: 890-7309-38
Matrix: Solid
Date Collected: 10/23/24 10:35
Date Received: 10/24/24 15:20
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		10/25/24 08:24	10/25/24 18:38	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/25/24 08:24	10/25/24 18:38	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/25/24 08:24	10/25/24 18:38	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		10/25/24 08:24	10/25/24 18:38	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/25/24 08:24	10/25/24 18:38	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		10/25/24 08:24	10/25/24 18:38	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	101		70 - 130	10/25/24 08:24	10/25/24 18:38	1
1,4-Difluorobenzene (Surr)	101		70 - 130	10/25/24 08:24	10/25/24 18:38	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			10/25/24 18:38	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			10/25/24 22:49	1

Client Sample Results

Client: Earth Systems Response and Restoration
Project/Site: Nailed It Federal Com #222H

Job ID: 890-7309-1
SDG: 2302

Client Sample ID: HA - 8

Lab Sample ID: 890-7309-38
Matrix: Solid

Date Collected: 10/23/24 10:35
Date Received: 10/24/24 15:20
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	<50.0	U	50.0		mg/Kg		10/25/24 07:39	10/25/24 22:49	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		10/25/24 07:39	10/25/24 22:49	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		10/25/24 07:39	10/25/24 22:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*137*	*S1+*	*70 - 130*	*10/25/24 07:39*	*10/25/24 22:49*	*1*
o-Terphenyl	*121*		*70 - 130*	*10/25/24 07:39*	*10/25/24 22:49*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**38.1**		9.94		mg/Kg			10/25/24 22:54	1

Client Sample ID: HA - 8

Lab Sample ID: 890-7309-39
Matrix: Solid

Date Collected: 10/23/24 10:40
Date Received: 10/24/24 15:20
Sample Depth: 3

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		10/25/24 08:24	10/25/24 18:58	1
Toluene	<0.00199	U	0.00199		mg/Kg		10/25/24 08:24	10/25/24 18:58	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		10/25/24 08:24	10/25/24 18:58	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		10/25/24 08:24	10/25/24 18:58	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		10/25/24 08:24	10/25/24 18:58	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		10/25/24 08:24	10/25/24 18:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*104*		*70 - 130*	*10/25/24 08:24*	*10/25/24 18:58*	*1*
1,4-Difluorobenzene (Surr)	*101*		*70 - 130*	*10/25/24 08:24*	*10/25/24 18:58*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			10/25/24 18:58	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			10/25/24 23:05	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		10/25/24 07:39	10/25/24 23:05	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		10/25/24 07:39	10/25/24 23:05	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		10/25/24 07:39	10/25/24 23:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*131*	*S1+*	*70 - 130*	*10/25/24 07:39*	*10/25/24 23:05*	*1*
o-Terphenyl	*115*		*70 - 130*	*10/25/24 07:39*	*10/25/24 23:05*	*1*

Client Sample Results

Client: Earth Systems Response and Restoration
Project/Site: Nailed It Federal Com #222H

Job ID: 890-7309-1
SDG: 2302

Client Sample ID: HA - 8

Lab Sample ID: 890-7309-39
Matrix: Solid

Date Collected: 10/23/24 10:40
Date Received: 10/24/24 15:20
Sample Depth: 3

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	35.1		10.0		mg/Kg			10/25/24 23:00	1

Client Sample ID: HA - 8

Lab Sample ID: 890-7309-40
Matrix: Solid

Date Collected: 10/23/24 10:45
Date Received: 10/24/24 15:20
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		10/25/24 08:24	10/25/24 19:18	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/25/24 08:24	10/25/24 19:18	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/25/24 08:24	10/25/24 19:18	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		10/25/24 08:24	10/25/24 19:18	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/25/24 08:24	10/25/24 19:18	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		10/25/24 08:24	10/25/24 19:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*103*		*70 - 130*	*10/25/24 08:24*	*10/25/24 19:18*	*1*
1,4-Difluorobenzene (Surr)	*101*		*70 - 130*	*10/25/24 08:24*	*10/25/24 19:18*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			10/25/24 19:18	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			10/25/24 23:22	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		10/25/24 07:39	10/25/24 23:22	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		10/25/24 07:39	10/25/24 23:22	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		10/25/24 07:39	10/25/24 23:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*145*	*S1+*	*70 - 130*	*10/25/24 07:39*	*10/25/24 23:22*	*1*
o-Terphenyl	*128*		*70 - 130*	*10/25/24 07:39*	*10/25/24 23:22*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	37.1		9.96		mg/Kg			10/25/24 23:07	1

Client Sample Results

Client: Earth Systems Response and Restoration
Project/Site: Nailed It Federal Com #222H

Job ID: 890-7309-1
SDG: 2302

Client Sample ID: HA - 9

Lab Sample ID: 890-7309-41
Matrix: Solid

Date Collected: 10/23/24 10:50
Date Received: 10/24/24 15:20
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		10/25/24 08:25	10/25/24 11:41	1
Toluene	<0.00201	U	0.00201		mg/Kg		10/25/24 08:25	10/25/24 11:41	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		10/25/24 08:25	10/25/24 11:41	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		10/25/24 08:25	10/25/24 11:41	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		10/25/24 08:25	10/25/24 11:41	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		10/25/24 08:25	10/25/24 11:41	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*108*		*70 - 130*	*10/25/24 08:25*	*10/25/24 11:41*	*1*
1,4-Difluorobenzene (Surr)	*102*		*70 - 130*	*10/25/24 08:25*	*10/25/24 11:41*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			10/25/24 11:41	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			10/25/24 23:38	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		10/25/24 07:39	10/25/24 23:38	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		10/25/24 07:39	10/25/24 23:38	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		10/25/24 07:39	10/25/24 23:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*141*	*S1+*	*70 - 130*	*10/25/24 07:39*	*10/25/24 23:38*	*1*
o-Terphenyl	*124*		*70 - 130*	*10/25/24 07:39*	*10/25/24 23:38*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**49.6**		10.1		mg/Kg			10/25/24 23:14	1

Client Sample ID: HA - 9

Lab Sample ID: 890-7309-42
Matrix: Solid

Date Collected: 10/23/24 10:55
Date Received: 10/24/24 15:20
Sample Depth: 1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		10/25/24 08:25	10/25/24 12:01	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/25/24 08:25	10/25/24 12:01	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/25/24 08:25	10/25/24 12:01	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		10/25/24 08:25	10/25/24 12:01	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/25/24 08:25	10/25/24 12:01	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		10/25/24 08:25	10/25/24 12:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*106*		*70 - 130*	*10/25/24 08:25*	*10/25/24 12:01*	*1*

Client Sample Results

Client: Earth Systems Response and Restoration
Project/Site: Nailed It Federal Com #222H

Job ID: 890-7309-1
SDG: 2302

Client Sample ID: HA - 9

Lab Sample ID: 890-7309-42
Matrix: Solid

Date Collected: 10/23/24 10:55
Date Received: 10/24/24 15:20
Sample Depth: 1

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	101		70 - 130	10/25/24 08:25	10/25/24 12:01	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			10/25/24 12:01	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			10/25/24 23:54	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		10/25/24 07:39	10/25/24 23:54	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		10/25/24 07:39	10/25/24 23:54	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		10/25/24 07:39	10/25/24 23:54	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	140	S1+	70 - 130	10/25/24 07:39	10/25/24 23:54	1
o-Terphenyl	124		70 - 130	10/25/24 07:39	10/25/24 23:54	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**26.7**		10.0		mg/Kg			10/25/24 23:35	1

Client Sample ID: HA - 9

Lab Sample ID: 890-7309-43
Matrix: Solid

Date Collected: 10/23/24 11:00
Date Received: 10/24/24 15:20
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		10/25/24 08:25	10/25/24 12:22	1
Toluene	<0.00199	U	0.00199		mg/Kg		10/25/24 08:25	10/25/24 12:22	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		10/25/24 08:25	10/25/24 12:22	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		10/25/24 08:25	10/25/24 12:22	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		10/25/24 08:25	10/25/24 12:22	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		10/25/24 08:25	10/25/24 12:22	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	107		70 - 130	10/25/24 08:25	10/25/24 12:22	1
1,4-Difluorobenzene (Surr)	104		70 - 130	10/25/24 08:25	10/25/24 12:22	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			10/25/24 12:22	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			10/26/24 00:10	1

Client Sample Results

Client: Earth Systems Response and Restoration
Project/Site: Nailed It Federal Com #222H

Job ID: 890-7309-1
SDG: 2302

Client Sample ID: HA - 9

Lab Sample ID: 890-7309-43
Matrix: Solid

Date Collected: 10/23/24 11:00
Date Received: 10/24/24 15:20
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	<49.9	U	49.9		mg/Kg		10/25/24 07:39	10/26/24 00:10	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		10/25/24 07:39	10/26/24 00:10	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		10/25/24 07:39	10/26/24 00:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*131*	*S1+*	*70 - 130*	*10/25/24 07:39*	*10/26/24 00:10*	*1*
o-Terphenyl	*117*		*70 - 130*	*10/25/24 07:39*	*10/26/24 00:10*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**71.2**		10.1		mg/Kg			10/25/24 23:42	1

Client Sample ID: HA - 9

Lab Sample ID: 890-7309-44
Matrix: Solid

Date Collected: 10/23/24 11:05
Date Received: 10/24/24 15:20
Sample Depth: 3

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		10/25/24 08:25	10/25/24 12:42	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/25/24 08:25	10/25/24 12:42	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/25/24 08:25	10/25/24 12:42	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		10/25/24 08:25	10/25/24 12:42	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/25/24 08:25	10/25/24 12:42	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		10/25/24 08:25	10/25/24 12:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*105*		*70 - 130*	*10/25/24 08:25*	*10/25/24 12:42*	*1*
1,4-Difluorobenzene (Surr)	*104*		*70 - 130*	*10/25/24 08:25*	*10/25/24 12:42*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			10/25/24 12:42	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			10/26/24 02:21	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		10/25/24 07:41	10/26/24 02:21	1
Diesel Range Organics (Over C10-C28)	<50.0	U *+	50.0		mg/Kg		10/25/24 07:41	10/26/24 02:21	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		10/25/24 07:41	10/26/24 02:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*121*		*70 - 130*	*10/25/24 07:41*	*10/26/24 02:21*	*1*
o-Terphenyl	*110*		*70 - 130*	*10/25/24 07:41*	*10/26/24 02:21*	*1*

Client Sample Results

Client: Earth Systems Response and Restoration
Project/Site: Nailed It Federal Com #222H

Job ID: 890-7309-1
SDG: 2302

Client Sample ID: HA - 9

Lab Sample ID: 890-7309-44
Matrix: Solid

Date Collected: 10/23/24 11:05
Date Received: 10/24/24 15:20
Sample Depth: 3

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	31.3		10.1		mg/Kg			10/26/24 00:02	1

Client Sample ID: HA - 9

Lab Sample ID: 890-7309-45
Matrix: Solid

Date Collected: 10/23/24 11:10
Date Received: 10/24/24 15:20
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		10/25/24 08:25	10/25/24 13:03	1
Toluene	<0.00199	U	0.00199		mg/Kg		10/25/24 08:25	10/25/24 13:03	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		10/25/24 08:25	10/25/24 13:03	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		10/25/24 08:25	10/25/24 13:03	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		10/25/24 08:25	10/25/24 13:03	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		10/25/24 08:25	10/25/24 13:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*100*		*70 - 130*	*10/25/24 08:25*	*10/25/24 13:03*	*1*
1,4-Difluorobenzene (Surr)	*101*		*70 - 130*	*10/25/24 08:25*	*10/25/24 13:03*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			10/25/24 13:03	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			10/26/24 03:12	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		10/25/24 07:41	10/26/24 03:12	1
Diesel Range Organics (Over C10-C28)	<49.9	U *+	49.9		mg/Kg		10/25/24 07:41	10/26/24 03:12	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		10/25/24 07:41	10/26/24 03:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*122*		*70 - 130*	*10/25/24 07:41*	*10/26/24 03:12*	*1*
o-Terphenyl	*112*		*70 - 130*	*10/25/24 07:41*	*10/26/24 03:12*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<9.92	U	9.92		mg/Kg			10/26/24 00:09	1

Client Sample Results

Client: Earth Systems Response and Restoration
Project/Site: Nailed It Federal Com #222H

Job ID: 890-7309-1
SDG: 2302

Client Sample ID: HA - 10

Lab Sample ID: 890-7309-46
Matrix: Solid

Date Collected: 10/23/24 11:15
Date Received: 10/24/24 15:20
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		10/25/24 08:25	10/25/24 13:23	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/25/24 08:25	10/25/24 13:23	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/25/24 08:25	10/25/24 13:23	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		10/25/24 08:25	10/25/24 13:23	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/25/24 08:25	10/25/24 13:23	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		10/25/24 08:25	10/25/24 13:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*105*		*70 - 130*	*10/25/24 08:25*	*10/25/24 13:23*	*1*
1,4-Difluorobenzene (Surr)	*102*		*70 - 130*	*10/25/24 08:25*	*10/25/24 13:23*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			10/25/24 13:23	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			10/26/24 03:28	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		10/25/24 07:41	10/26/24 03:28	1
Diesel Range Organics (Over C10-C28)	<50.0	U *+	50.0		mg/Kg		10/25/24 07:41	10/26/24 03:28	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		10/25/24 07:41	10/26/24 03:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*125*		*70 - 130*	*10/25/24 07:41*	*10/26/24 03:28*	*1*
o-Terphenyl	*111*		*70 - 130*	*10/25/24 07:41*	*10/26/24 03:28*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**119**		10.1		mg/Kg			10/26/24 00:16	1

Client Sample ID: HA - 10

Lab Sample ID: 890-7309-47
Matrix: Solid

Date Collected: 10/23/24 11:20
Date Received: 10/24/24 15:20
Sample Depth: 1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		10/25/24 08:25	10/25/24 13:44	1
Toluene	<0.00199	U	0.00199		mg/Kg		10/25/24 08:25	10/25/24 13:44	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		10/25/24 08:25	10/25/24 13:44	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		10/25/24 08:25	10/25/24 13:44	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		10/25/24 08:25	10/25/24 13:44	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		10/25/24 08:25	10/25/24 13:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*101*		*70 - 130*	*10/25/24 08:25*	*10/25/24 13:44*	*1*

Client Sample Results

Client: Earth Systems Response and Restoration
Project/Site: Nailed It Federal Com #222H

Job ID: 890-7309-1
SDG: 2302

Client Sample ID: HA - 10

Lab Sample ID: 890-7309-47
Matrix: Solid

Date Collected: 10/23/24 11:20
Date Received: 10/24/24 15:20
Sample Depth: 1

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	101		70 - 130	10/25/24 08:25	10/25/24 13:44	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			10/25/24 13:44	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			10/26/24 03:44	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		10/25/24 07:41	10/26/24 03:44	1
Diesel Range Organics (Over C10-C28)	<49.8	U *+	49.8		mg/Kg		10/25/24 07:41	10/26/24 03:44	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		10/25/24 07:41	10/26/24 03:44	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	123		70 - 130	10/25/24 07:41	10/26/24 03:44	1
o-Terphenyl	112		70 - 130	10/25/24 07:41	10/26/24 03:44	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**76.2**		9.96		mg/Kg			10/26/24 00:23	1

Client Sample ID: HA - 10

Lab Sample ID: 890-7309-48
Matrix: Solid

Date Collected: 10/23/24 11:25
Date Received: 10/24/24 15:20
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		10/25/24 08:25	10/25/24 14:04	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/25/24 08:25	10/25/24 14:04	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/25/24 08:25	10/25/24 14:04	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		10/25/24 08:25	10/25/24 14:04	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/25/24 08:25	10/25/24 14:04	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		10/25/24 08:25	10/25/24 14:04	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	105		70 - 130	10/25/24 08:25	10/25/24 14:04	1
1,4-Difluorobenzene (Surr)	102		70 - 130	10/25/24 08:25	10/25/24 14:04	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			10/25/24 14:04	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			10/26/24 04:01	1

Client Sample Results

Client: Earth Systems Response and Restoration
Project/Site: Nailed It Federal Com #222H

Job ID: 890-7309-1
SDG: 2302

Client Sample ID: HA - 10

Lab Sample ID: 890-7309-48
Matrix: Solid

Date Collected: 10/23/24 11:25
Date Received: 10/24/24 15:20
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	<49.7	U	49.7		mg/Kg		10/25/24 07:41	10/26/24 04:01	1
Diesel Range Organics (Over C10-C28)	<49.7	U *+	49.7		mg/Kg		10/25/24 07:41	10/26/24 04:01	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		10/25/24 07:41	10/26/24 04:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*126*		*70 - 130*	*10/25/24 07:41*	*10/26/24 04:01*	*1*
o-Terphenyl	*111*		*70 - 130*	*10/25/24 07:41*	*10/26/24 04:01*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**70.4**		9.90		mg/Kg			10/26/24 00:30	1

Client Sample ID: HA - 10

Lab Sample ID: 890-7309-49
Matrix: Solid

Date Collected: 10/23/24 11:30
Date Received: 10/24/24 15:20
Sample Depth: 3

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		10/25/24 08:25	10/25/24 14:25	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/25/24 08:25	10/25/24 14:25	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/25/24 08:25	10/25/24 14:25	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		10/25/24 08:25	10/25/24 14:25	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/25/24 08:25	10/25/24 14:25	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		10/25/24 08:25	10/25/24 14:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*106*		*70 - 130*	*10/25/24 08:25*	*10/25/24 14:25*	*1*
1,4-Difluorobenzene (Surr)	*103*		*70 - 130*	*10/25/24 08:25*	*10/25/24 14:25*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			10/25/24 14:25	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			10/26/24 04:17	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	<49.7	U	49.7		mg/Kg		10/25/24 07:41	10/26/24 04:17	1
Diesel Range Organics (Over C10-C28)	<49.7	U *+	49.7		mg/Kg		10/25/24 07:41	10/26/24 04:17	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		10/25/24 07:41	10/26/24 04:17	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*123*		*70 - 130*	*10/25/24 07:41*	*10/26/24 04:17*	*1*
o-Terphenyl	*112*		*70 - 130*	*10/25/24 07:41*	*10/26/24 04:17*	*1*

Client Sample Results

Client: Earth Systems Response and Restoration
Project/Site: Nailed It Federal Com #222H

Job ID: 890-7309-1
SDG: 2302

Client Sample ID: HA - 10

Lab Sample ID: 890-7309-49
Date Collected: 10/23/24 11:30
Matrix: Solid
Date Received: 10/24/24 15:20
Sample Depth: 3

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<9.90	U	9.90		mg/Kg			10/26/24 00:37	1

Client Sample ID: HA - 10

Lab Sample ID: 890-7309-50
Date Collected: 10/23/24 11:35
Matrix: Solid
Date Received: 10/24/24 15:20
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		10/25/24 08:25	10/25/24 14:45	1
Toluene	<0.00199	U	0.00199		mg/Kg		10/25/24 08:25	10/25/24 14:45	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		10/25/24 08:25	10/25/24 14:45	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		10/25/24 08:25	10/25/24 14:45	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		10/25/24 08:25	10/25/24 14:45	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		10/25/24 08:25	10/25/24 14:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*101*		*70 - 130*	*10/25/24 08:25*	*10/25/24 14:45*	*1*
1,4-Difluorobenzene (Surr)	*101*		*70 - 130*	*10/25/24 08:25*	*10/25/24 14:45*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			10/25/24 14:45	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			10/26/24 04:34	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		10/25/24 07:41	10/26/24 04:34	1
Diesel Range Organics (Over C10-C28)	<50.0	U *+	50.0		mg/Kg		10/25/24 07:41	10/26/24 04:34	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		10/25/24 07:41	10/26/24 04:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*115*		*70 - 130*	*10/25/24 07:41*	*10/26/24 04:34*	*1*
o-Terphenyl	*104*		*70 - 130*	*10/25/24 07:41*	*10/26/24 04:34*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.1	U	10.1		mg/Kg			10/26/24 00:43	1

Client Sample Results

Client: Earth Systems Response and Restoration
Project/Site: Nailed It Federal Com #222H

Job ID: 890-7309-1
SDG: 2302

Client Sample ID: HA - 11

Lab Sample ID: 890-7309-51
Matrix: Solid

Date Collected: 10/23/24 11:40
Date Received: 10/24/24 15:20
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		10/25/24 08:25	10/25/24 16:20	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/25/24 08:25	10/25/24 16:20	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/25/24 08:25	10/25/24 16:20	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		10/25/24 08:25	10/25/24 16:20	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/25/24 08:25	10/25/24 16:20	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		10/25/24 08:25	10/25/24 16:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*101*		*70 - 130*	*10/25/24 08:25*	*10/25/24 16:20*	*1*
1,4-Difluorobenzene (Surr)	*101*		*70 - 130*	*10/25/24 08:25*	*10/25/24 16:20*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			10/25/24 16:20	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			10/26/24 04:50	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		10/25/24 07:41	10/26/24 04:50	1
Diesel Range Organics (Over C10-C28)	<49.8	U *+	49.8		mg/Kg		10/25/24 07:41	10/26/24 04:50	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		10/25/24 07:41	10/26/24 04:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*118*		*70 - 130*	*10/25/24 07:41*	*10/26/24 04:50*	*1*
o-Terphenyl	*104*		*70 - 130*	*10/25/24 07:41*	*10/26/24 04:50*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**119**		9.94		mg/Kg			10/25/24 20:40	1

Client Sample ID: HA - 11

Lab Sample ID: 890-7309-52
Matrix: Solid

Date Collected: 10/23/24 11:45
Date Received: 10/24/24 15:20
Sample Depth: 1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		10/25/24 08:25	10/25/24 16:40	1
Toluene	<0.00199	U	0.00199		mg/Kg		10/25/24 08:25	10/25/24 16:40	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		10/25/24 08:25	10/25/24 16:40	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		10/25/24 08:25	10/25/24 16:40	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		10/25/24 08:25	10/25/24 16:40	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		10/25/24 08:25	10/25/24 16:40	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*104*		*70 - 130*	*10/25/24 08:25*	*10/25/24 16:40*	*1*

Client Sample Results

Client: Earth Systems Response and Restoration
Project/Site: Nailed It Federal Com #222H

Job ID: 890-7309-1
SDG: 2302

Client Sample ID: HA - 11

Lab Sample ID: 890-7309-52
Matrix: Solid
Date Collected: 10/23/24 11:45
Date Received: 10/24/24 15:20
Sample Depth: 1

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	103		70 - 130	10/25/24 08:25	10/25/24 16:40	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			10/25/24 16:40	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			10/26/24 05:07	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		10/25/24 07:41	10/26/24 05:07	1
Diesel Range Organics (Over C10-C28)	<49.9	U *+	49.9		mg/Kg		10/25/24 07:41	10/26/24 05:07	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		10/25/24 07:41	10/26/24 05:07	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	123		70 - 130	10/25/24 07:41	10/26/24 05:07	1
o-Terphenyl	110		70 - 130	10/25/24 07:41	10/26/24 05:07	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**81.1**		9.92		mg/Kg			10/25/24 20:55	1

Client Sample ID: HA - 11

Lab Sample ID: 890-7309-53
Matrix: Solid
Date Collected: 10/23/24 11:50
Date Received: 10/24/24 15:20
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		10/25/24 08:25	10/25/24 17:01	1
Toluene	<0.00199	U	0.00199		mg/Kg		10/25/24 08:25	10/25/24 17:01	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		10/25/24 08:25	10/25/24 17:01	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		10/25/24 08:25	10/25/24 17:01	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		10/25/24 08:25	10/25/24 17:01	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		10/25/24 08:25	10/25/24 17:01	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		70 - 130	10/25/24 08:25	10/25/24 17:01	1
1,4-Difluorobenzene (Surr)	101		70 - 130	10/25/24 08:25	10/25/24 17:01	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			10/25/24 17:01	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			10/26/24 05:23	1

Client Sample Results

Client: Earth Systems Response and Restoration
Project/Site: Nailed It Federal Com #222H

Job ID: 890-7309-1
SDG: 2302

Client Sample ID: HA - 11

Lab Sample ID: 890-7309-53
Matrix: Solid

Date Collected: 10/23/24 11:50
Date Received: 10/24/24 15:20
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	<50.0	U	50.0		mg/Kg		10/25/24 07:41	10/26/24 05:23	1
Diesel Range Organics (Over C10-C28)	<50.0	U *+	50.0		mg/Kg		10/25/24 07:41	10/26/24 05:23	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		10/25/24 07:41	10/26/24 05:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*120*		*70 - 130*	*10/25/24 07:41*	*10/26/24 05:23*	*1*
o-Terphenyl	*108*		*70 - 130*	*10/25/24 07:41*	*10/26/24 05:23*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**19.4**		10.1		mg/Kg			10/25/24 20:59	1

Client Sample ID: HA - 11

Lab Sample ID: 890-7309-54
Matrix: Solid

Date Collected: 10/23/24 11:55
Date Received: 10/24/24 15:20
Sample Depth: 3

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		10/25/24 08:25	10/25/24 17:21	1
Toluene	<0.00201	U	0.00201		mg/Kg		10/25/24 08:25	10/25/24 17:21	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		10/25/24 08:25	10/25/24 17:21	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		10/25/24 08:25	10/25/24 17:21	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		10/25/24 08:25	10/25/24 17:21	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		10/25/24 08:25	10/25/24 17:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*101*		*70 - 130*	*10/25/24 08:25*	*10/25/24 17:21*	*1*
1,4-Difluorobenzene (Surr)	*102*		*70 - 130*	*10/25/24 08:25*	*10/25/24 17:21*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			10/25/24 17:21	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			10/26/24 05:55	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		10/25/24 07:41	10/26/24 05:55	1
Diesel Range Organics (Over C10-C28)	<49.9	U *+	49.9		mg/Kg		10/25/24 07:41	10/26/24 05:55	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		10/25/24 07:41	10/26/24 05:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*120*		*70 - 130*	*10/25/24 07:41*	*10/26/24 05:55*	*1*
o-Terphenyl	*108*		*70 - 130*	*10/25/24 07:41*	*10/26/24 05:55*	*1*

Client Sample Results

Client: Earth Systems Response and Restoration
Project/Site: Nailed It Federal Com #222H

Job ID: 890-7309-1
SDG: 2302

Client Sample ID: HA - 11

Lab Sample ID: 890-7309-54
Matrix: Solid

Date Collected: 10/23/24 11:55
Date Received: 10/24/24 15:20
Sample Depth: 3

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<9.96	U	9.96		mg/Kg			10/25/24 21:04	1

Client Sample ID: HA - 11

Lab Sample ID: 890-7309-55
Matrix: Solid

Date Collected: 10/23/24 12:00
Date Received: 10/24/24 15:20
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		10/25/24 08:25	10/25/24 17:42	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/25/24 08:25	10/25/24 17:42	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/25/24 08:25	10/25/24 17:42	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		10/25/24 08:25	10/25/24 17:42	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/25/24 08:25	10/25/24 17:42	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		10/25/24 08:25	10/25/24 17:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*106*		*70 - 130*	*10/25/24 08:25*	*10/25/24 17:42*	*1*
1,4-Difluorobenzene (Surr)	*102*		*70 - 130*	*10/25/24 08:25*	*10/25/24 17:42*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			10/25/24 17:42	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			10/26/24 06:11	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	<49.8	U	49.8		mg/Kg		10/25/24 07:41	10/26/24 06:11	1
Diesel Range Organics (Over C10-C28)	<49.8	U *+	49.8		mg/Kg		10/25/24 07:41	10/26/24 06:11	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		10/25/24 07:41	10/26/24 06:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*126*		*70 - 130*	*10/25/24 07:41*	*10/26/24 06:11*	*1*
o-Terphenyl	*111*		*70 - 130*	*10/25/24 07:41*	*10/26/24 06:11*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<9.92	U	9.92		mg/Kg			10/25/24 21:09	1

Client Sample Results

Client: Earth Systems Response and Restoration
Project/Site: Nailed It Federal Com #222H

Job ID: 890-7309-1
SDG: 2302

Client Sample ID: HA - 12

Lab Sample ID: 890-7309-56
Matrix: Solid

Date Collected: 10/23/24 12:05
Date Received: 10/24/24 15:20
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		10/25/24 08:25	10/25/24 18:02	1
Toluene	<0.00201	U	0.00201		mg/Kg		10/25/24 08:25	10/25/24 18:02	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		10/25/24 08:25	10/25/24 18:02	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		10/25/24 08:25	10/25/24 18:02	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		10/25/24 08:25	10/25/24 18:02	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		10/25/24 08:25	10/25/24 18:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*102*		*70 - 130*	*10/25/24 08:25*	*10/25/24 18:02*	*1*
1,4-Difluorobenzene (Surr)	*101*		*70 - 130*	*10/25/24 08:25*	*10/25/24 18:02*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			10/25/24 18:02	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			10/26/24 06:28	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		10/25/24 07:41	10/26/24 06:28	1
Diesel Range Organics (Over C10-C28)	<49.7	U *+	49.7		mg/Kg		10/25/24 07:41	10/26/24 06:28	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		10/25/24 07:41	10/26/24 06:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*122*		*70 - 130*	*10/25/24 07:41*	*10/26/24 06:28*	*1*
o-Terphenyl	*108*		*70 - 130*	*10/25/24 07:41*	*10/26/24 06:28*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**129**		10.1		mg/Kg			10/25/24 21:23	1

Client Sample ID: HA - 12

Lab Sample ID: 890-7309-57
Matrix: Solid

Date Collected: 10/23/24 12:10
Date Received: 10/24/24 15:20
Sample Depth: 1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		10/25/24 08:25	10/25/24 18:23	1
Toluene	<0.00199	U	0.00199		mg/Kg		10/25/24 08:25	10/25/24 18:23	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		10/25/24 08:25	10/25/24 18:23	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		10/25/24 08:25	10/25/24 18:23	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		10/25/24 08:25	10/25/24 18:23	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		10/25/24 08:25	10/25/24 18:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*106*		*70 - 130*	*10/25/24 08:25*	*10/25/24 18:23*	*1*

Client Sample Results

Client: Earth Systems Response and Restoration
Project/Site: Nailed It Federal Com #222H

Job ID: 890-7309-1
SDG: 2302

Client Sample ID: HA - 12

Lab Sample ID: 890-7309-57
Matrix: Solid

Date Collected: 10/23/24 12:10
Date Received: 10/24/24 15:20
Sample Depth: 1

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	101		70 - 130	10/25/24 08:25	10/25/24 18:23	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			10/25/24 18:23	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			10/26/24 06:44	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		10/25/24 07:41	10/26/24 06:44	1
Diesel Range Organics (Over C10-C28)	<50.0	U *+	50.0		mg/Kg		10/25/24 07:41	10/26/24 06:44	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		10/25/24 07:41	10/26/24 06:44	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	116		70 - 130	10/25/24 07:41	10/26/24 06:44	1
o-Terphenyl	103		70 - 130	10/25/24 07:41	10/26/24 06:44	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**78.8**		9.96		mg/Kg			10/25/24 21:28	1

Client Sample ID: HA - 12

Lab Sample ID: 890-7309-58
Matrix: Solid

Date Collected: 10/23/24 12:15
Date Received: 10/24/24 15:20
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		10/25/24 08:25	10/25/24 18:43	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/25/24 08:25	10/25/24 18:43	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/25/24 08:25	10/25/24 18:43	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		10/25/24 08:25	10/25/24 18:43	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/25/24 08:25	10/25/24 18:43	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		10/25/24 08:25	10/25/24 18:43	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		70 - 130	10/25/24 08:25	10/25/24 18:43	1
1,4-Difluorobenzene (Surr)	100		70 - 130	10/25/24 08:25	10/25/24 18:43	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			10/25/24 18:43	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			10/26/24 06:59	1

Client Sample Results

Client: Earth Systems Response and Restoration
Project/Site: Nailed It Federal Com #222H

Job ID: 890-7309-1
SDG: 2302

Client Sample ID: HA - 12

Lab Sample ID: 890-7309-58
Matrix: Solid

Date Collected: 10/23/24 12:15
Date Received: 10/24/24 15:20
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	<49.9	U	49.9		mg/Kg		10/25/24 07:41	10/26/24 06:59	1
Diesel Range Organics (Over C10-C28)	<49.9	U *+	49.9		mg/Kg		10/25/24 07:41	10/26/24 06:59	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		10/25/24 07:41	10/26/24 06:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*117*		*70 - 130*	*10/25/24 07:41*	*10/26/24 06:59*	*1*
o-Terphenyl	*104*		*70 - 130*	*10/25/24 07:41*	*10/26/24 06:59*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**45.5**		9.92		mg/Kg			10/25/24 21:33	1

Client Sample ID: HA - 12

Lab Sample ID: 890-7309-59
Matrix: Solid

Date Collected: 10/23/24 12:20
Date Received: 10/24/24 15:20
Sample Depth: 3

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		10/25/24 08:25	10/25/24 19:04	1
Toluene	<0.00199	U	0.00199		mg/Kg		10/25/24 08:25	10/25/24 19:04	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		10/25/24 08:25	10/25/24 19:04	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		10/25/24 08:25	10/25/24 19:04	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		10/25/24 08:25	10/25/24 19:04	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		10/25/24 08:25	10/25/24 19:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*104*		*70 - 130*	*10/25/24 08:25*	*10/25/24 19:04*	*1*
1,4-Difluorobenzene (Surr)	*102*		*70 - 130*	*10/25/24 08:25*	*10/25/24 19:04*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			10/25/24 19:04	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			10/26/24 07:16	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		10/25/24 07:41	10/26/24 07:16	1
Diesel Range Organics (Over C10-C28)	<49.8	U *+	49.8		mg/Kg		10/25/24 07:41	10/26/24 07:16	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		10/25/24 07:41	10/26/24 07:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*120*		*70 - 130*	*10/25/24 07:41*	*10/26/24 07:16*	*1*
o-Terphenyl	*106*		*70 - 130*	*10/25/24 07:41*	*10/26/24 07:16*	*1*

Client Sample Results

Client: Earth Systems Response and Restoration
Project/Site: Nailed It Federal Com #222H

Job ID: 890-7309-1
SDG: 2302

Client Sample ID: HA - 12

Lab Sample ID: 890-7309-59
Matrix: Solid

Date Collected: 10/23/24 12:20
Date Received: 10/24/24 15:20
Sample Depth: 3

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.1	U	10.1		mg/Kg			10/25/24 21:38	1

Client Sample ID: HA - 12

Lab Sample ID: 890-7309-60
Matrix: Solid

Date Collected: 10/23/24 12:25
Date Received: 10/24/24 15:20
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		10/25/24 08:25	10/25/24 19:24	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/25/24 08:25	10/25/24 19:24	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/25/24 08:25	10/25/24 19:24	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		10/25/24 08:25	10/25/24 19:24	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/25/24 08:25	10/25/24 19:24	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		10/25/24 08:25	10/25/24 19:24	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*101*		*70 - 130*	*10/25/24 08:25*	*10/25/24 19:24*	*1*
1,4-Difluorobenzene (Surr)	*101*		*70 - 130*	*10/25/24 08:25*	*10/25/24 19:24*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			10/25/24 19:24	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			10/26/24 07:31	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		10/25/24 07:41	10/26/24 07:31	1
Diesel Range Organics (Over C10-C28)	<50.0	U *+	50.0		mg/Kg		10/25/24 07:41	10/26/24 07:31	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		10/25/24 07:41	10/26/24 07:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*119*		*70 - 130*	*10/25/24 07:41*	*10/26/24 07:31*	*1*
o-Terphenyl	*105*		*70 - 130*	*10/25/24 07:41*	*10/26/24 07:31*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<9.94	U	9.94		mg/Kg			10/25/24 21:43	1

Client Sample Results

Client: Earth Systems Response and Restoration
Project/Site: Nailed It Federal Com #222H

Job ID: 890-7309-1
SDG: 2302

Client Sample ID: HA - 13

Lab Sample ID: 890-7309-61
Matrix: Solid

Date Collected: 10/23/24 12:30
Date Received: 10/24/24 15:20
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		10/25/24 08:26	10/25/24 12:06	1
Toluene	<0.00201	U	0.00201		mg/Kg		10/25/24 08:26	10/25/24 12:06	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		10/25/24 08:26	10/25/24 12:06	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		10/25/24 08:26	10/25/24 12:06	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		10/25/24 08:26	10/25/24 12:06	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		10/25/24 08:26	10/25/24 12:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*98*		*70 - 130*	*10/25/24 08:26*	*10/25/24 12:06*	*1*
1,4-Difluorobenzene (Surr)	*109*		*70 - 130*	*10/25/24 08:26*	*10/25/24 12:06*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			10/25/24 12:06	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			10/26/24 07:47	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		10/25/24 07:41	10/26/24 07:47	1
Diesel Range Organics (Over C10-C28)	<49.9	U *+	49.9		mg/Kg		10/25/24 07:41	10/26/24 07:47	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		10/25/24 07:41	10/26/24 07:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*123*		*70 - 130*	*10/25/24 07:41*	*10/26/24 07:47*	*1*
o-Terphenyl	*109*		*70 - 130*	*10/25/24 07:41*	*10/26/24 07:47*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**66.8**		9.96		mg/Kg			10/25/24 21:47	1

Client Sample ID: HA - 13

Lab Sample ID: 890-7309-62
Matrix: Solid

Date Collected: 10/23/24 12:35
Date Received: 10/24/24 15:20
Sample Depth: 1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		10/25/24 08:26	10/25/24 12:26	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/25/24 08:26	10/25/24 12:26	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/25/24 08:26	10/25/24 12:26	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		10/25/24 08:26	10/25/24 12:26	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/25/24 08:26	10/25/24 12:26	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		10/25/24 08:26	10/25/24 12:26	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*112*		*70 - 130*	*10/25/24 08:26*	*10/25/24 12:26*	*1*

Client Sample Results

Client: Earth Systems Response and Restoration
Project/Site: Nailed It Federal Com #222H

Job ID: 890-7309-1
SDG: 2302

Client Sample ID: HA - 13

Lab Sample ID: 890-7309-62
Matrix: Solid

Date Collected: 10/23/24 12:35
Date Received: 10/24/24 15:20
Sample Depth: 1

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	115		70 - 130	10/25/24 08:26	10/25/24 12:26	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			10/25/24 12:26	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			10/26/24 08:03	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		10/25/24 07:41	10/26/24 08:03	1
Diesel Range Organics (Over C10-C28)	<50.0	U *+	50.0		mg/Kg		10/25/24 07:41	10/26/24 08:03	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		10/25/24 07:41	10/26/24 08:03	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	117		70 - 130	10/25/24 07:41	10/26/24 08:03	1
o-Terphenyl	104		70 - 130	10/25/24 07:41	10/26/24 08:03	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**82.3**		9.92		mg/Kg			10/25/24 22:02	1

Client Sample ID: HA - 13

Lab Sample ID: 890-7309-63
Matrix: Solid

Date Collected: 10/23/24 12:40
Date Received: 10/24/24 15:20
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		10/25/24 08:26	10/25/24 12:46	1
Toluene	<0.00199	U	0.00199		mg/Kg		10/25/24 08:26	10/25/24 12:46	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		10/25/24 08:26	10/25/24 12:46	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		10/25/24 08:26	10/25/24 12:46	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		10/25/24 08:26	10/25/24 12:46	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		10/25/24 08:26	10/25/24 12:46	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	113		70 - 130	10/25/24 08:26	10/25/24 12:46	1
1,4-Difluorobenzene (Surr)	112		70 - 130	10/25/24 08:26	10/25/24 12:46	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			10/25/24 12:46	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			10/26/24 08:19	1

Client Sample Results

Client: Earth Systems Response and Restoration
Project/Site: Nailed It Federal Com #222H

Job ID: 890-7309-1
SDG: 2302

Client Sample ID: HA - 13

Lab Sample ID: 890-7309-63
Matrix: Solid

Date Collected: 10/23/24 12:40
Date Received: 10/24/24 15:20
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	<50.0	U	50.0		mg/Kg		10/25/24 07:41	10/26/24 08:19	1
Diesel Range Organics (Over C10-C28)	<50.0	U *+	50.0		mg/Kg		10/25/24 07:41	10/26/24 08:19	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		10/25/24 07:41	10/26/24 08:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*120*		*70 - 130*	*10/25/24 07:41*	*10/26/24 08:19*	*1*
o-Terphenyl	*107*		*70 - 130*	*10/25/24 07:41*	*10/26/24 08:19*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**61.2**		10.1		mg/Kg			10/25/24 22:07	1

Client Sample ID: HA - 13

Lab Sample ID: 890-7309-64
Matrix: Solid

Date Collected: 10/23/24 12:45
Date Received: 10/24/24 15:20
Sample Depth: 3

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		10/25/24 08:26	10/25/24 13:07	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/25/24 08:26	10/25/24 13:07	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/25/24 08:26	10/25/24 13:07	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		10/25/24 08:26	10/25/24 13:07	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/25/24 08:26	10/25/24 13:07	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		10/25/24 08:26	10/25/24 13:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*125*		*70 - 130*	*10/25/24 08:26*	*10/25/24 13:07*	*1*
1,4-Difluorobenzene (Surr)	*117*		*70 - 130*	*10/25/24 08:26*	*10/25/24 13:07*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			10/25/24 13:07	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			10/28/24 16:56	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		10/25/24 07:44	10/28/24 16:56	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		10/25/24 07:44	10/28/24 16:56	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		10/25/24 07:44	10/28/24 16:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*113*		*70 - 130*	*10/25/24 07:44*	*10/28/24 16:56*	*1*
o-Terphenyl	*92*		*70 - 130*	*10/25/24 07:44*	*10/28/24 16:56*	*1*

Client Sample Results

Client: Earth Systems Response and Restoration
Project/Site: Nailed It Federal Com #222H

Job ID: 890-7309-1
SDG: 2302

Client Sample ID: HA - 13

Lab Sample ID: 890-7309-64
Matrix: Solid

Date Collected: 10/23/24 12:45
Date Received: 10/24/24 15:20
Sample Depth: 3

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	28.3		9.94		mg/Kg			10/25/24 22:21	1

Client Sample ID: HA - 13

Lab Sample ID: 890-7309-65
Matrix: Solid

Date Collected: 10/23/24 12:50
Date Received: 10/24/24 15:20
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		10/25/24 08:26	10/25/24 13:27	1
Toluene	<0.00199	U	0.00199		mg/Kg		10/25/24 08:26	10/25/24 13:27	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		10/25/24 08:26	10/25/24 13:27	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		10/25/24 08:26	10/25/24 13:27	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		10/25/24 08:26	10/25/24 13:27	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		10/25/24 08:26	10/25/24 13:27	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*124*		*70 - 130*	*10/25/24 08:26*	*10/25/24 13:27*	*1*
1,4-Difluorobenzene (Surr)	*110*		*70 - 130*	*10/25/24 08:26*	*10/25/24 13:27*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			10/25/24 13:27	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			10/28/24 18:51	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	<49.7	U	49.7		mg/Kg		10/25/24 07:44	10/28/24 18:51	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		10/25/24 07:44	10/28/24 18:51	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		10/25/24 07:44	10/28/24 18:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*112*		*70 - 130*	*10/25/24 07:44*	*10/28/24 18:51*	*1*
o-Terphenyl	*90*		*70 - 130*	*10/25/24 07:44*	*10/28/24 18:51*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<9.90	U	9.90		mg/Kg			10/25/24 22:26	1

Surrogate Summary

Client: Earth Systems Response and Restoration
Project/Site: Nailed It Federal Com #222H

Job ID: 890-7309-1
SDG: 2302

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)
890-7309-1	HA - 1	125	95
890-7309-1 MS	HA - 1	107	101
890-7309-1 MSD	HA - 1	103	99
890-7309-2	HA - 1	113	94
890-7309-3	HA - 1	113	95
890-7309-4	HA - 1	122	93
890-7309-5	HA - 1	112	96
890-7309-6	HA - 2	124	95
890-7309-7	HA - 2	117	97
890-7309-8	HA - 2	120	96
890-7309-9	HA - 2	117	95
890-7309-10	HA - 2	116	95
890-7309-11	HA - 3	122	94
890-7309-12	HA - 3	117	110
890-7309-13	HA - 3	104	109
890-7309-14	HA - 3	109	109
890-7309-15	HA - 3	122	113
890-7309-16	HA - 4	124	115
890-7309-17	HA - 4	133 S1+	130
890-7309-18	HA - 4	131 S1+	107
890-7309-19	HA - 4	96	106
890-7309-20	HA - 4	116	114
890-7309-21	HA - 5	100	101
890-7309-21 MS	HA - 5	100	100
890-7309-21 MSD	HA - 5	100	100
890-7309-22	HA - 5	102	102
890-7309-23	HA - 5	102	101
890-7309-24	HA - 5	101	101
890-7309-25	HA - 5	102	101
890-7309-26	HA - 6	102	102
890-7309-27	HA - 6	103	102
890-7309-28	HA - 6	102	102
890-7309-29	HA - 6	104	102
890-7309-30	HA - 6	101	101
890-7309-31	HA - 7	102	101
890-7309-32	HA - 7	102	101
890-7309-33	HA - 7	102	102
890-7309-34	HA - 7	102	100
890-7309-35	HA - 7	101	101
890-7309-36	HA - 8	101	101
890-7309-37	HA - 8	104	102
890-7309-38	HA - 8	101	101
890-7309-39	HA - 8	104	101
890-7309-40	HA - 8	103	101
890-7309-41	HA - 9	108	102
890-7309-41 MS	HA - 9	109	103
890-7309-41 MSD	HA - 9	107	101
890-7309-42	HA - 9	106	101
890-7309-43	HA - 9	107	104

Surrogate Summary

Client: Earth Systems Response and Restoration
Job ID: 890-7309-1
Project/Site: Nailed It Federal Com #222H
SDG: 2302

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

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

		Percent Surrogate Recovery (Acceptance Limits)	
		BFB1	DFBZ1
Lab Sample ID	Client Sample ID	(70-130)	(70-130)
890-7309-44	HA - 9	105	104
890-7309-45	HA - 9	100	101
890-7309-46	HA - 10	105	102
890-7309-47	HA - 10	101	101
890-7309-48	HA - 10	105	102
890-7309-49	HA - 10	106	103
890-7309-50	HA - 10	101	101
890-7309-51	HA - 11	101	101
890-7309-52	HA - 11	104	103
890-7309-53	HA - 11	103	101
890-7309-54	HA - 11	101	102
890-7309-55	HA - 11	106	102
890-7309-56	HA - 12	102	101
890-7309-57	HA - 12	106	101
890-7309-58	HA - 12	104	100
890-7309-59	HA - 12	104	102
890-7309-60	HA - 12	101	101
890-7309-61	HA - 13	98	109
890-7309-61 MS	HA - 13	109	100
890-7309-61 MSD	HA - 13	108	102
890-7309-62	HA - 13	112	115
890-7309-63	HA - 13	113	112
890-7309-64	HA - 13	125	117
890-7309-65	HA - 13	124	110
LCS 880-94088/1-A	Lab Control Sample	103	100
LCS 880-94089/1-A	Lab Control Sample	98	100
LCS 880-94091/1-A	Lab Control Sample	107	94
LCS 880-94143/1-A	Lab Control Sample	92	99
LCSD 880-94088/2-A	Lab Control Sample Dup	105	98
LCSD 880-94089/2-A	Lab Control Sample Dup	100	99
LCSD 880-94091/2-A	Lab Control Sample Dup	111	102
LCSD 880-94143/2-A	Lab Control Sample Dup	105	101
MB 880-94088/5-A	Method Blank	109	88
MB 880-94089/5-A	Method Blank	104	102
MB 880-94091/5-A	Method Blank	163 S1+	121
MB 880-94143/5-A	Method Blank	183 S1+	113
MB 880-94193/5-A	Method Blank	160 S1+	103

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)

DFBZ = 1,4-Difluorobenzene (Surr)

Method: 8021B - Volatile Organic Compounds (GC)

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

		Percent Surrogate Recovery (Acceptance Limits)	
		BFB2	DFBZ2
Lab Sample ID	Client Sample ID	(70-130)	(70-130)
LCS 880-94090/1-A	Lab Control Sample	112	103
LCSD 880-94090/2-A	Lab Control Sample Dup	106	102
MB 880-94090/5-A	Method Blank	100	98

Surrogate Summary

Client: Earth Systems Response and Restoration
Project/Site: Nailed It Federal Com #222H

Job ID: 890-7309-1
SDG: 2302

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)								
890-7309-1	HA - 1	111	90								
890-7309-2	HA - 1	99	81								
890-7309-3	HA - 1	99	81								
890-7309-4	HA - 1	110	89								
890-7309-4 MS	HA - 1	104	92								
890-7309-4 MSD	HA - 1	107	96								
890-7309-5	HA - 1	103	81								
890-7309-6	HA - 2	113	93								
890-7309-7	HA - 2	112	88								
890-7309-8	HA - 2	112	90								
890-7309-9	HA - 2	121	95								
890-7309-10	HA - 2	94	76								
890-7309-11	HA - 3	107	88								
890-7309-12	HA - 3	112	92								
890-7309-13	HA - 3	113	92								
890-7309-14	HA - 3	108	88								
890-7309-15	HA - 3	111	87								
890-7309-16	HA - 4	122	97								
890-7309-17	HA - 4	115	91								
890-7309-18	HA - 4	110	87								
890-7309-19	HA - 4	107	85								
890-7309-20	HA - 4	77	65 S1-								
890-7309-21	HA - 5	115	93								
890-7309-22	HA - 5	102	81								
890-7309-23	HA - 5	123	99								
890-7309-24	HA - 5	113	101								
890-7309-24 MS	HA - 5	131 S1+	128								
890-7309-24 MSD	HA - 5	134 S1+	131 S1+								
890-7309-25	HA - 5	130	116								
890-7309-26	HA - 6	134 S1+	120								
890-7309-27	HA - 6	133 S1+	120								
890-7309-28	HA - 6	120	106								
890-7309-29	HA - 6	124	110								
890-7309-30	HA - 6	131 S1+	117								
890-7309-31	HA - 7	135 S1+	123								
890-7309-32	HA - 7	135 S1+	120								
890-7309-33	HA - 7	124	109								
890-7309-34	HA - 7	135 S1+	121								
890-7309-35	HA - 7	137 S1+	120								
890-7309-36	HA - 8	127	110								
890-7309-37	HA - 8	122	108								
890-7309-38	HA - 8	137 S1+	121								
890-7309-39	HA - 8	131 S1+	115								
890-7309-40	HA - 8	145 S1+	128								
890-7309-41	HA - 9	141 S1+	124								
890-7309-42	HA - 9	140 S1+	124								

Surrogate Summary

Client: Earth Systems Response and Restoration
Job ID: 890-7309-1
Project/Site: Nailed It Federal Com #222H
SDG: 2302

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

Matrix: Solid
Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)							
Lab Sample ID	Client Sample ID	1CO1 (70-130)	OTPH1 (70-130)						
890-7309-43	HA - 9	131 S1+	117						
890-7309-44	HA - 9	121	110						
890-7309-44 MS	HA - 9	111	110						
890-7309-44 MSD	HA - 9	112	111						
890-7309-45	HA - 9	122	112						
890-7309-46	HA - 10	125	111						
890-7309-47	HA - 10	123	112						
890-7309-48	HA - 10	126	111						
890-7309-49	HA - 10	123	112						
890-7309-50	HA - 10	115	104						
890-7309-51	HA - 11	118	104						
890-7309-52	HA - 11	123	110						
890-7309-53	HA - 11	120	108						
890-7309-54	HA - 11	120	108						
890-7309-55	HA - 11	126	111						
890-7309-56	HA - 12	122	108						
890-7309-57	HA - 12	116	103						
890-7309-58	HA - 12	117	104						
890-7309-59	HA - 12	120	106						
890-7309-60	HA - 12	119	105						
890-7309-61	HA - 13	123	109						
890-7309-62	HA - 13	117	104						
890-7309-63	HA - 13	120	107						
890-7309-64	HA - 13	113	92						
890-7309-64 MS	HA - 13	117	102						
890-7309-64 MSD	HA - 13	117	100						
890-7309-65	HA - 13	112	90						
LCS 880-94078/2-A	Lab Control Sample	119	109						
LCS 880-94079/2-A	Lab Control Sample	171 S1+	158 S1+						
LCS 880-94080/2-A	Lab Control Sample	139 S1+	135 S1+						
LCS 880-94081/2-A	Lab Control Sample	114	176 S1+						
LCS 880-94082/2-A	Lab Control Sample	110	98						
LCSD 880-94078/3-A	Lab Control Sample Dup	125	113						
LCSD 880-94079/3-A	Lab Control Sample Dup	172 S1+	160 S1+						
LCSD 880-94080/3-A	Lab Control Sample Dup	140 S1+	139 S1+						
LCSD 880-94081/3-A	Lab Control Sample Dup	103	157 S1+						
LCSD 880-94082/3-A	Lab Control Sample Dup	110	98						
MB 880-94078/1-A	Method Blank	106	88						
MB 880-94079/1-A	Method Blank	104	82						
MB 880-94080/1-A	Method Blank	125	112						
MB 880-94081/1-A	Method Blank	119	109						
MB 880-94082/1-A	Method Blank	107	90						

Surrogate Legend

1CO = 1-Chlorooctane
OTPH = o-Terphenyl

QC Sample Results

Client: Earth Systems Response and Restoration
Project/Site: Nailed It Federal Com #222H

Job ID: 890-7309-1
SDG: 2302

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-94088/5-A
Matrix: Solid
Analysis Batch: 94083

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 94088

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		10/25/24 08:22	10/25/24 11:07	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/25/24 08:22	10/25/24 11:07	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/25/24 08:22	10/25/24 11:07	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		10/25/24 08:22	10/25/24 11:07	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/25/24 08:22	10/25/24 11:07	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		10/25/24 08:22	10/25/24 11:07	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*109*		*70 - 130*	*10/25/24 08:22*	*10/25/24 11:07*	*1*
1,4-Difluorobenzene (Surr)	*88*		*70 - 130*	*10/25/24 08:22*	*10/25/24 11:07*	*1*

Lab Sample ID: LCS 880-94088/1-A
Matrix: Solid
Analysis Batch: 94083

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 94088

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.1088		mg/Kg		109	70 - 130
Toluene	0.100	0.1129		mg/Kg		113	70 - 130
Ethylbenzene	0.100	0.1092		mg/Kg		109	70 - 130
m-Xylene & p-Xylene	0.200	0.2153		mg/Kg		108	70 - 130
o-Xylene	0.100	0.1077		mg/Kg		108	70 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*103*		*70 - 130*
1,4-Difluorobenzene (Surr)	*100*		*70 - 130*

Lab Sample ID: LCSD 880-94088/2-A
Matrix: Solid
Analysis Batch: 94083

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 94088

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.1091		mg/Kg		109	70 - 130	0	35
Toluene	0.100	0.1104		mg/Kg		110	70 - 130	2	35
Ethylbenzene	0.100	0.1071		mg/Kg		107	70 - 130	2	35
m-Xylene & p-Xylene	0.200	0.2112		mg/Kg		106	70 - 130	2	35
o-Xylene	0.100	0.1063		mg/Kg		106	70 - 130	1	35

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*105*		*70 - 130*
1,4-Difluorobenzene (Surr)	*98*		*70 - 130*

Lab Sample ID: 890-7309-1 MS
Matrix: Solid
Analysis Batch: 94083

Client Sample ID: HA - 1
Prep Type: Total/NA
Prep Batch: 94088

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00201	U	0.100	0.1052		mg/Kg		105	70 - 130
Toluene	<0.00201	U	0.100	0.1073		mg/Kg		107	70 - 130

QC Sample Results

Client: Earth Systems Response and Restoration
Project/Site: Nailed It Federal Com #222H

Job ID: 890-7309-1
SDG: 2302

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

Lab Sample ID: 890-7309-1 MS — **Client Sample ID: HA - 1**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 94083 — **Prep Batch: 94088**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Ethylbenzene	<0.00201	U	0.100	0.1044		mg/Kg		104	70 - 130
m-Xylene & p-Xylene	<0.00402	U	0.200	0.2056		mg/Kg		103	70 - 130
o-Xylene	<0.00201	U	0.100	0.1031		mg/Kg		103	70 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*107*		*70 - 130*
1,4-Difluorobenzene (Surr)	*101*		*70 - 130*

Lab Sample ID: 890-7309-1 MSD — **Client Sample ID: HA - 1**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 94083 — **Prep Batch: 94088**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00201	U	0.100	0.1053		mg/Kg		105	70 - 130	0	35
Toluene	<0.00201	U	0.100	0.1068		mg/Kg		107	70 - 130	0	35
Ethylbenzene	<0.00201	U	0.100	0.1037		mg/Kg		104	70 - 130	1	35
m-Xylene & p-Xylene	<0.00402	U	0.200	0.2041		mg/Kg		102	70 - 130	1	35
o-Xylene	<0.00201	U	0.100	0.1025		mg/Kg		103	70 - 130	1	35

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*103*		*70 - 130*
1,4-Difluorobenzene (Surr)	*99*		*70 - 130*

Lab Sample ID: MB 880-94089/5-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 94085 — **Prep Batch: 94089**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		10/25/24 08:24	10/25/24 11:16	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/25/24 08:24	10/25/24 11:16	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/25/24 08:24	10/25/24 11:16	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		10/25/24 08:24	10/25/24 11:16	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/25/24 08:24	10/25/24 11:16	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		10/25/24 08:24	10/25/24 11:16	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*104*		*70 - 130*	*10/25/24 08:24*	*10/25/24 11:16*	*1*
1,4-Difluorobenzene (Surr)	*102*		*70 - 130*	*10/25/24 08:24*	*10/25/24 11:16*	*1*

Lab Sample ID: LCS 880-94089/1-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 94085 — **Prep Batch: 94089**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.09635		mg/Kg		96	70 - 130
Toluene	0.100	0.1018		mg/Kg		102	70 - 130
Ethylbenzene	0.100	0.09616		mg/Kg		96	70 - 130
m-Xylene & p-Xylene	0.200	0.1920		mg/Kg		96	70 - 130

QC Sample Results

Client: Earth Systems Response and Restoration
Project/Site: Nailed It Federal Com #222H

Job ID: 890-7309-1
SDG: 2302

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

Lab Sample ID: LCS 880-94089/1-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 94085 — **Prep Batch: 94089**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
o-Xylene	0.100	0.09532		mg/Kg		95	70 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*98*		*70 - 130*
1,4-Difluorobenzene (Surr)	*100*		*70 - 130*

Lab Sample ID: LCSD 880-94089/2-A — **Client Sample ID: Lab Control Sample Dup**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 94085 — **Prep Batch: 94089**

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.09649		mg/Kg		96	70 - 130	0	35
Toluene	0.100	0.1021		mg/Kg		102	70 - 130	0	35
Ethylbenzene	0.100	0.09626		mg/Kg		96	70 - 130	0	35
m-Xylene & p-Xylene	0.200	0.1930		mg/Kg		97	70 - 130	1	35
o-Xylene	0.100	0.09611		mg/Kg		96	70 - 130	1	35

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

Lab Sample ID: 890-7309-21 MS — **Client Sample ID: HA - 5**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 94085 — **Prep Batch: 94089**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00201	U	0.100	0.09566		mg/Kg		96	70 - 130
Toluene	<0.00201	U	0.100	0.1009		mg/Kg		101	70 - 130
Ethylbenzene	<0.00201	U	0.100	0.09519		mg/Kg		95	70 - 130
m-Xylene & p-Xylene	<0.00402	U	0.200	0.1911		mg/Kg		96	70 - 130
o-Xylene	<0.00201	U	0.100	0.09500		mg/Kg		95	70 - 130

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

Lab Sample ID: 890-7309-21 MSD — **Client Sample ID: HA - 5**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 94085 — **Prep Batch: 94089**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00201	U	0.100	0.09393		mg/Kg		94	70 - 130	2	35
Toluene	<0.00201	U	0.100	0.09853		mg/Kg		99	70 - 130	2	35
Ethylbenzene	<0.00201	U	0.100	0.09305		mg/Kg		93	70 - 130	2	35
m-Xylene & p-Xylene	<0.00402	U	0.200	0.1866		mg/Kg		93	70 - 130	2	35
o-Xylene	<0.00201	U	0.100	0.09268		mg/Kg		93	70 - 130	2	35

QC Sample Results

Client: Earth Systems Response and Restoration
Project/Site: Nailed It Federal Com #222H

Job ID: 890-7309-1
SDG: 2302

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

Lab Sample ID: 890-7309-21 MSD
Matrix: Solid
Analysis Batch: 94085

Client Sample ID: HA - 5
Prep Type: Total/NA
Prep Batch: 94089

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

Lab Sample ID: MB 880-94090/5-A
Matrix: Solid
Analysis Batch: 94084

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 94090

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		10/25/24 08:25	10/25/24 11:19	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/25/24 08:25	10/25/24 11:19	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/25/24 08:25	10/25/24 11:19	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		10/25/24 08:25	10/25/24 11:19	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/25/24 08:25	10/25/24 11:19	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		10/25/24 08:25	10/25/24 11:19	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	100		70 - 130	10/25/24 08:25	10/25/24 11:19	1
1,4-Difluorobenzene (Surr)	98		70 - 130	10/25/24 08:25	10/25/24 11:19	1

Lab Sample ID: LCS 880-94090/1-A
Matrix: Solid
Analysis Batch: 94084

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 94090

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.1003		mg/Kg		100	70 - 130
Toluene	0.100	0.1003		mg/Kg		100	70 - 130
Ethylbenzene	0.100	0.1077		mg/Kg		108	70 - 130
m-Xylene & p-Xylene	0.200	0.2011		mg/Kg		101	70 - 130
o-Xylene	0.100	0.1114		mg/Kg		111	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	112		70 - 130
1,4-Difluorobenzene (Surr)	103		70 - 130

Lab Sample ID: LCSD 880-94090/2-A
Matrix: Solid
Analysis Batch: 94084

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 94090

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.09939		mg/Kg		99	70 - 130	1	35
Toluene	0.100	0.09954		mg/Kg		100	70 - 130	1	35
Ethylbenzene	0.100	0.1074		mg/Kg		107	70 - 130	0	35
m-Xylene & p-Xylene	0.200	0.1991		mg/Kg		100	70 - 130	1	35
o-Xylene	0.100	0.1109		mg/Kg		111	70 - 130	0	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	106		70 - 130

QC Sample Results

Client: Earth Systems Response and Restoration
Project/Site: Nailed It Federal Com #222H

Job ID: 890-7309-1
SDG: 2302

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

Lab Sample ID: LCSD 880-94090/2-A
Matrix: Solid
Analysis Batch: 94084

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 94090

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

Lab Sample ID: 890-7309-41 MS
Matrix: Solid
Analysis Batch: 94084

Client Sample ID: HA - 9
Prep Type: Total/NA
Prep Batch: 94090

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00201	U	0.100	0.09889		mg/Kg		99	70 - 130
Toluene	<0.00201	U	0.100	0.09954		mg/Kg		100	70 - 130
Ethylbenzene	<0.00201	U	0.100	0.1067		mg/Kg		107	70 - 130
m-Xylene & p-Xylene	<0.00402	U	0.200	0.1976		mg/Kg		99	70 - 130
o-Xylene	<0.00201	U	0.100	0.1095		mg/Kg		109	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	109		70 - 130
1,4-Difluorobenzene (Surr)	103		70 - 130

Lab Sample ID: 890-7309-41 MSD
Matrix: Solid
Analysis Batch: 94084

Client Sample ID: HA - 9
Prep Type: Total/NA
Prep Batch: 94090

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00201	U	0.100	0.09590		mg/Kg		96	70 - 130	3	35
Toluene	<0.00201	U	0.100	0.09401		mg/Kg		94	70 - 130	6	35
Ethylbenzene	<0.00201	U	0.100	0.1010		mg/Kg		101	70 - 130	6	35
m-Xylene & p-Xylene	<0.00402	U	0.200	0.1866		mg/Kg		93	70 - 130	6	35
o-Xylene	<0.00201	U	0.100	0.1027		mg/Kg		103	70 - 130	6	35

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	107		70 - 130
1,4-Difluorobenzene (Surr)	101		70 - 130

Lab Sample ID: MB 880-94091/5-A
Matrix: Solid
Analysis Batch: 93912

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 94091

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		10/25/24 08:26	10/25/24 11:37	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/25/24 08:26	10/25/24 11:37	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/25/24 08:26	10/25/24 11:37	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		10/25/24 08:26	10/25/24 11:37	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/25/24 08:26	10/25/24 11:37	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		10/25/24 08:26	10/25/24 11:37	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	163	S1+	70 - 130	10/25/24 08:26	10/25/24 11:37	1
1,4-Difluorobenzene (Surr)	121		70 - 130	10/25/24 08:26	10/25/24 11:37	1

QC Sample Results

Client: Earth Systems Response and Restoration
Project/Site: Nailed It Federal Com #222H

Job ID: 890-7309-1
SDG: 2302

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

Lab Sample ID: LCS 880-94091/1-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 93912 — **Prep Batch: 94091**

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene			0.100	0.09606		mg/Kg		96	70 - 130		
Toluene			0.100	0.1028		mg/Kg		103	70 - 130		
Ethylbenzene			0.100	0.1189		mg/Kg		119	70 - 130		
m-Xylene & p-Xylene			0.200	0.2439		mg/Kg		122	70 - 130		
o-Xylene			0.100	0.1253		mg/Kg		125	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*107*		*70 - 130*
1,4-Difluorobenzene (Surr)	*94*		*70 - 130*

Lab Sample ID: LCSD 880-94091/2-A — **Client Sample ID: Lab Control Sample Dup**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 93912 — **Prep Batch: 94091**

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene			0.100	0.1012		mg/Kg		101	70 - 130	5	35
Toluene			0.100	0.09790		mg/Kg		98	70 - 130	5	35
Ethylbenzene			0.100	0.1093		mg/Kg		109	70 - 130	8	35
m-Xylene & p-Xylene			0.200	0.2151		mg/Kg		108	70 - 130	13	35
o-Xylene			0.100	0.1238		mg/Kg		124	70 - 130	1	35

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*111*		*70 - 130*
1,4-Difluorobenzene (Surr)	*102*		*70 - 130*

Lab Sample ID: 890-7309-61 MS — **Client Sample ID: HA - 13**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 93912 — **Prep Batch: 94091**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene	<0.00201	U	0.100	0.09603		mg/Kg		96	70 - 130		
Toluene	<0.00201	U	0.100	0.1029		mg/Kg		103	70 - 130		
Ethylbenzene	<0.00201	U	0.100	0.1095		mg/Kg		110	70 - 130		
m-Xylene & p-Xylene	<0.00402	U	0.200	0.2416		mg/Kg		121	70 - 130		
o-Xylene	<0.00201	U	0.100	0.1207		mg/Kg		121	70 - 130		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*109*		*70 - 130*
1,4-Difluorobenzene (Surr)	*100*		*70 - 130*

Lab Sample ID: 890-7309-61 MSD — **Client Sample ID: HA - 13**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 93912 — **Prep Batch: 94091**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00201	U	0.100	0.09961		mg/Kg		100	70 - 130	4	35
Toluene	<0.00201	U	0.100	0.1017		mg/Kg		102	70 - 130	1	35
Ethylbenzene	<0.00201	U	0.100	0.1059		mg/Kg		106	70 - 130	3	35

QC Sample Results

Client: Earth Systems Response and Restoration
Project/Site: Nailed It Federal Com #222H

Job ID: 890-7309-1
SDG: 2302

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

Lab Sample ID: 890-7309-61 MSD — **Client Sample ID: HA - 13**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 93912 — **Prep Batch: 94091**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
m-Xylene & p-Xylene	<0.00402	U	0.200	0.2282		mg/Kg		114	70 - 130	6	35
o-Xylene	<0.00201	U	0.100	0.1251		mg/Kg		125	70 - 130	4	35

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*108*		*70 - 130*
1,4-Difluorobenzene (Surr)	*102*		*70 - 130*

Lab Sample ID: MB 880-94143/5-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 94208 — **Prep Batch: 94143**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		10/25/24 14:48	10/28/24 23:51	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/25/24 14:48	10/28/24 23:51	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/25/24 14:48	10/28/24 23:51	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		10/25/24 14:48	10/28/24 23:51	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/25/24 14:48	10/28/24 23:51	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		10/25/24 14:48	10/28/24 23:51	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*183*	*S1+*	*70 - 130*	*10/25/24 14:48*	*10/28/24 23:51*	*1*
1,4-Difluorobenzene (Surr)	*113*		*70 - 130*	*10/25/24 14:48*	*10/28/24 23:51*	*1*

Lab Sample ID: LCS 880-94143/1-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 94208 — **Prep Batch: 94143**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.08093		mg/Kg		81	70 - 130
Toluene	0.100	0.07987		mg/Kg		80	70 - 130
Ethylbenzene	0.100	0.08402		mg/Kg		84	70 - 130
m-Xylene & p-Xylene	0.200	0.1746		mg/Kg		87	70 - 130
o-Xylene	0.100	0.09316		mg/Kg		93	70 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*92*		*70 - 130*
1,4-Difluorobenzene (Surr)	*99*		*70 - 130*

Lab Sample ID: LCSD 880-94143/2-A — **Client Sample ID: Lab Control Sample Dup**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 94208 — **Prep Batch: 94143**

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.08716		mg/Kg		87	70 - 130	7	35
Toluene	0.100	0.08976		mg/Kg		90	70 - 130	12	35
Ethylbenzene	0.100	0.09646		mg/Kg		96	70 - 130	14	35
m-Xylene & p-Xylene	0.200	0.2047		mg/Kg		102	70 - 130	16	35
o-Xylene	0.100	0.1077		mg/Kg		108	70 - 130	14	35

QC Sample Results

Client: Earth Systems Response and Restoration
Project/Site: Nailed It Federal Com #222H

Job ID: 890-7309-1
SDG: 2302

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

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	105		70 - 130
1,4-Difluorobenzene (Surr)	101		70 - 130

Lab Sample ID: MB 880-94193/5-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 94208 — **Prep Batch: 94193**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		10/28/24 08:31	10/28/24 12:13	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/28/24 08:31	10/28/24 12:13	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/28/24 08:31	10/28/24 12:13	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		10/28/24 08:31	10/28/24 12:13	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/28/24 08:31	10/28/24 12:13	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		10/28/24 08:31	10/28/24 12:13	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	160	S1+	70 - 130	10/28/24 08:31	10/28/24 12:13	1
1,4-Difluorobenzene (Surr)	103		70 - 130	10/28/24 08:31	10/28/24 12:13	1

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

Lab Sample ID: MB 880-94078/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 94159 — **Prep Batch: 94078**

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		10/25/24 07:33	10/25/24 15:57	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		10/25/24 07:33	10/25/24 15:57	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		10/25/24 07:33	10/25/24 15:57	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	106		70 - 130	10/25/24 07:33	10/25/24 15:57	1
o-Terphenyl	88		70 - 130	10/25/24 07:33	10/25/24 15:57	1

Lab Sample ID: LCS 880-94078/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 94159 — **Prep Batch: 94078**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	1190		mg/Kg		119	70 - 130
Diesel Range Organics (Over C10-C28)	1000	935.3		mg/Kg		94	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1-Chlorooctane	119		70 - 130
o-Terphenyl	109		70 - 130

QC Sample Results

Client: Earth Systems Response and Restoration
Project/Site: Nailed It Federal Com #222H

Job ID: 890-7309-1
SDG: 2302

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

Lab Sample ID: LCSD 880-94078/3-A — **Client Sample ID: Lab Control Sample Dup**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 94159 — **Prep Batch: 94078**

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	1210		mg/Kg		121	70 - 130	2	20
Diesel Range Organics (Over C10-C28)			1000	921.0		mg/Kg		92	70 - 130	2	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1-Chlorooctane	*125*		*70 - 130*
o-Terphenyl	*113*		*70 - 130*

Lab Sample ID: MB 880-94079/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 94159 — **Prep Batch: 94079**

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		10/25/24 07:36	10/26/24 01:32	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		10/25/24 07:36	10/26/24 01:32	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		10/25/24 07:36	10/26/24 01:32	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*104*		*70 - 130*	*10/25/24 07:36*	*10/26/24 01:32*	*1*
o-Terphenyl	*82*		*70 - 130*	*10/25/24 07:36*	*10/26/24 01:32*	*1*

Lab Sample ID: LCS 880-94079/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 94159 — **Prep Batch: 94079**

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10			1000	1592	*+	mg/Kg		159	70 - 130		
Diesel Range Organics (Over C10-C28)			1000	1416	*+	mg/Kg		142	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1-Chlorooctane	*171*	*S1+*	*70 - 130*
o-Terphenyl	*158*	*S1+*	*70 - 130*

Lab Sample ID: LCSD 880-94079/3-A — **Client Sample ID: Lab Control Sample Dup**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 94159 — **Prep Batch: 94079**

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	1592	*+	mg/Kg		159	70 - 130	0	20
Diesel Range Organics (Over C10-C28)			1000	1416	*+	mg/Kg		142	70 - 130	0	20

QC Sample Results

Client: Earth Systems Response and Restoration
Project/Site: Nailed It Federal Com #222H

Job ID: 890-7309-1
SDG: 2302

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

Lab Sample ID: LCSD 880-94079/3-A
Matrix: Solid
Analysis Batch: 94159

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 94079

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1-Chlorooctane	172	S1+	70 - 130
o-Terphenyl	160	S1+	70 - 130

Lab Sample ID: 890-7309-4 MS
Matrix: Solid
Analysis Batch: 94159

Client Sample ID: HA - 1
Prep Type: Total/NA
Prep Batch: 94079

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 *+	996	901.2		mg/Kg		90	70 - 130
Diesel Range Organics (Over C10-C28)	<50.0	U *+	996	793.6		mg/Kg		80	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
1-Chlorooctane	104		70 - 130
o-Terphenyl	92		70 - 130

Lab Sample ID: 890-7309-4 MSD
Matrix: Solid
Analysis Batch: 94159

Client Sample ID: HA - 1
Prep Type: Total/NA
Prep Batch: 94079

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 *+	996	918.4		mg/Kg		92	70 - 130	2	20
Diesel Range Organics (Over C10-C28)	<50.0	U *+	996	826.3		mg/Kg		83	70 - 130	4	20

Surrogate	MSD %Recovery	MSD Qualifier	Limits
1-Chlorooctane	107		70 - 130
o-Terphenyl	96		70 - 130

Lab Sample ID: MB 880-94080/1-A
Matrix: Solid
Analysis Batch: 94161

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 94080

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		10/25/24 07:39	10/25/24 15:57	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		10/25/24 07:39	10/25/24 15:57	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		10/25/24 07:39	10/25/24 15:57	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	125		70 - 130	10/25/24 07:39	10/25/24 15:57	1
o-Terphenyl	112		70 - 130	10/25/24 07:39	10/25/24 15:57	1

QC Sample Results

Client: Earth Systems Response and Restoration
Project/Site: Nailed It Federal Com #222H

Job ID: 890-7309-1
SDG: 2302

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

Lab Sample ID: LCS 880-94080/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 94161 — **Prep Batch: 94080**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	958.2		mg/Kg		96	70 - 130
Diesel Range Organics (Over C10-C28)	1000	841.1		mg/Kg		84	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1-Chlorooctane	139	S1+	70 - 130
o-Terphenyl	135	S1+	70 - 130

Lab Sample ID: LCSD 880-94080/3-A — **Client Sample ID: Lab Control Sample Dup**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 94161 — **Prep Batch: 94080**

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	920.3		mg/Kg		92	70 - 130	4	20
Diesel Range Organics (Over C10-C28)	1000	865.0		mg/Kg		86	70 - 130	3	20

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1-Chlorooctane	140	S1+	70 - 130
o-Terphenyl	139	S1+	70 - 130

Lab Sample ID: 890-7309-24 MS — **Client Sample ID: HA - 5**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 94161 — **Prep Batch: 94080**

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	997	1071		mg/Kg		107	70 - 130
Diesel Range Organics (Over C10-C28)	<49.9	U	997	1053		mg/Kg		106	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
1-Chlorooctane	131	S1+	70 - 130
o-Terphenyl	128		70 - 130

Lab Sample ID: 890-7309-24 MSD — **Client Sample ID: HA - 5**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 94161 — **Prep Batch: 94080**

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	997	1060		mg/Kg		106	70 - 130	1	20
Diesel Range Organics (Over C10-C28)	<49.9	U	997	1056		mg/Kg		106	70 - 130	0	20

Surrogate	MSD %Recovery	MSD Qualifier	Limits
1-Chlorooctane	134	S1+	70 - 130

QC Sample Results

Client: Earth Systems Response and Restoration
Project/Site: Nailed It Federal Com #222H

Job ID: 890-7309-1
SDG: 2302

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

Lab Sample ID: 890-7309-24 MSD
Matrix: Solid
Analysis Batch: 94161

Client Sample ID: HA - 5
Prep Type: Total/NA
Prep Batch: 94080

Surrogate	MSD %Recovery	MSD Qualifier	Limits
o-Terphenyl	131	S1+	70 - 130

Lab Sample ID: MB 880-94081/1-A
Matrix: Solid
Analysis Batch: 94161

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 94081

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		10/25/24 07:41	10/26/24 01:32	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		10/25/24 07:41	10/26/24 01:32	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		10/25/24 07:41	10/26/24 01:32	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	119		70 - 130	10/25/24 07:41	10/26/24 01:32	1
o-Terphenyl	109		70 - 130	10/25/24 07:41	10/26/24 01:32	1

Lab Sample ID: LCS 880-94081/2-A
Matrix: Solid
Analysis Batch: 94161

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 94081

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	970.6		mg/Kg		97	70 - 130
Diesel Range Organics (Over C10-C28)	1000	1392	*+	mg/Kg		139	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1-Chlorooctane	114		70 - 130
o-Terphenyl	176	S1+	70 - 130

Lab Sample ID: LCSD 880-94081/3-A
Matrix: Solid
Analysis Batch: 94161

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 94081

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	904.2		mg/Kg		90	70 - 130	7	20
Diesel Range Organics (Over C10-C28)	1000	1224		mg/Kg		122	70 - 130	13	20

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1-Chlorooctane	103		70 - 130
o-Terphenyl	157	S1+	70 - 130

QC Sample Results

Client: Earth Systems Response and Restoration
Project/Site: Nailed It Federal Com #222H

Job ID: 890-7309-1
SDG: 2302

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

Lab Sample ID: 890-7309-44 MS — **Client Sample ID: HA - 9**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 94161 — **Prep Batch: 94081**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	998	912.3		mg/Kg		91	70 - 130
Diesel Range Organics (Over C10-C28)	<50.0	U *+	998	876.9		mg/Kg		88	70 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1-Chlorooctane	*111*		*70 - 130*
o-Terphenyl	*110*		*70 - 130*

Lab Sample ID: 890-7309-44 MSD — **Client Sample ID: HA - 9**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 94161 — **Prep Batch: 94081**

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	998	907.8		mg/Kg		91	70 - 130	0	20
Diesel Range Organics (Over C10-C28)	<50.0	U *+	998	898.1		mg/Kg		90	70 - 130	2	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1-Chlorooctane	*112*		*70 - 130*
o-Terphenyl	*111*		*70 - 130*

Lab Sample ID: MB 880-94082/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 94256 — **Prep Batch: 94082**

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		10/25/24 07:44	10/28/24 11:12	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		10/25/24 07:44	10/28/24 11:12	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		10/25/24 07:44	10/28/24 11:12	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*107*		*70 - 130*	*10/25/24 07:44*	*10/28/24 11:12*	*1*
o-Terphenyl	*90*		*70 - 130*	*10/25/24 07:44*	*10/28/24 11:12*	*1*

Lab Sample ID: LCS 880-94082/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 94256 — **Prep Batch: 94082**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	1035		mg/Kg		103	70 - 130
Diesel Range Organics (Over C10-C28)	1000	818.6		mg/Kg		82	70 - 130

QC Sample Results

Client: Earth Systems Response and Restoration
Project/Site: Nailed It Federal Com #222H

Job ID: 890-7309-1
SDG: 2302

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

Lab Sample ID: LCS 880-94082/2-A
Matrix: Solid
Analysis Batch: 94256

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 94082

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1-Chlorooctane	110		70 - 130
o-Terphenyl	98		70 - 130

Lab Sample ID: LCSD 880-94082/3-A
Matrix: Solid
Analysis Batch: 94256

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 94082

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	1007		mg/Kg		101	70 - 130	3	20
Diesel Range Organics (Over C10-C28)			1000	777.5		mg/Kg		78	70 - 130	5	20

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1-Chlorooctane	110		70 - 130
o-Terphenyl	98		70 - 130

Lab Sample ID: 890-7309-64 MS
Matrix: Solid
Analysis Batch: 94256

Client Sample ID: HA - 13
Prep Type: Total/NA
Prep Batch: 94082

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	996	891.4		mg/Kg		90	70 - 130		
Diesel Range Organics (Over C10-C28)	<50.0	U	996	784.9		mg/Kg		79	70 - 130		

Surrogate	MS %Recovery	MS Qualifier	Limits
1-Chlorooctane	117		70 - 130
o-Terphenyl	102		70 - 130

Lab Sample ID: 890-7309-64 MSD
Matrix: Solid
Analysis Batch: 94256

Client Sample ID: HA - 13
Prep Type: Total/NA
Prep Batch: 94082

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	996	896.5		mg/Kg		90	70 - 130	1	20
Diesel Range Organics (Over C10-C28)	<50.0	U	996	767.8		mg/Kg		77	70 - 130	2	20

Surrogate	MSD %Recovery	MSD Qualifier	Limits
1-Chlorooctane	117		70 - 130
o-Terphenyl	100		70 - 130

QC Sample Results

Client: Earth Systems Response and Restoration
Project/Site: Nailed It Federal Com #222H

Job ID: 890-7309-1
SDG: 2302

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-94099/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 94115

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0		mg/Kg			10/25/24 17:38	1

Lab Sample ID: LCS 880-94099/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 94115

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	262.7		mg/Kg		105	90 - 110

Lab Sample ID: LCSD 880-94099/3-A — **Client Sample ID: Lab Control Sample Dup**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 94115

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	250	256.3		mg/Kg		103	90 - 110	2	20

Lab Sample ID: 890-7309-1 MS — **Client Sample ID: HA - 1**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 94115

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	66.5		249	317.7		mg/Kg		101	90 - 110

Lab Sample ID: 890-7309-1 MSD — **Client Sample ID: HA - 1**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 94115

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	66.5		249	318.5		mg/Kg		101	90 - 110	0	20

Lab Sample ID: MB 880-94100/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 94123

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0		mg/Kg			10/25/24 17:17	1

Lab Sample ID: LCS 880-94100/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 94123

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	246.5		mg/Kg		99	90 - 110

Lab Sample ID: LCSD 880-94100/3-A — **Client Sample ID: Lab Control Sample Dup**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 94123

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	250	244.1		mg/Kg		98	90 - 110	1	20

QC Sample Results

Client: Earth Systems Response and Restoration
Project/Site: Nailed It Federal Com #222H

Job ID: 890-7309-1
SDG: 2302

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: 890-7309-11 MS — **Client Sample ID: HA - 3**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 94123

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	36.8		248	264.3		mg/Kg		92	90 - 110		

Lab Sample ID: 890-7309-11 MSD — **Client Sample ID: HA - 3**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 94123

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	36.8		248	268.6		mg/Kg		93	90 - 110	2	20

Lab Sample ID: 890-7309-21 MS — **Client Sample ID: HA - 5**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 94123

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	53.2		249	286.9		mg/Kg		94	90 - 110		

Lab Sample ID: 890-7309-21 MSD — **Client Sample ID: HA - 5**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 94123

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	53.2		249	289.4		mg/Kg		95	90 - 110	1	20

Lab Sample ID: MB 880-94118/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 94137

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0		mg/Kg			10/25/24 21:18	1

Lab Sample ID: LCS 880-94118/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 94137

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride			250	245.7		mg/Kg		98	90 - 110		

Lab Sample ID: LCSD 880-94118/3-A — **Client Sample ID: Lab Control Sample Dup**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 94137

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride			250	248.6		mg/Kg		99	90 - 110	1	20

Lab Sample ID: 890-7309-31 MS — **Client Sample ID: HA - 7**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 94137

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	228		253	464.9		mg/Kg		94	90 - 110		

QC Sample Results

Client: Earth Systems Response and Restoration
Project/Site: Nailed It Federal Com #222H

Job ID: 890-7309-1
SDG: 2302

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: 890-7309-31 MSD — **Client Sample ID: HA - 7**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 94137

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	228		253	467.2		mg/Kg		95	90 - 110	0	20

Lab Sample ID: 890-7309-41 MS — **Client Sample ID: HA - 9**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 94137

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	49.6		252	290.7		mg/Kg		96	90 - 110

Lab Sample ID: 890-7309-41 MSD — **Client Sample ID: HA - 9**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 94137

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	49.6		252	292.3		mg/Kg		96	90 - 110	1	20

Lab Sample ID: MB 880-94119/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 94138

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0		mg/Kg			10/25/24 20:26	1

Lab Sample ID: LCS 880-94119/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 94138

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	264.6		mg/Kg		106	90 - 110

Lab Sample ID: LCSD 880-94119/3-A — **Client Sample ID: Lab Control Sample Dup**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 94138

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	250	264.9		mg/Kg		106	90 - 110	0	20

Lab Sample ID: 890-7309-51 MS — **Client Sample ID: HA - 11**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 94138

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	119		249	368.3		mg/Kg		100	90 - 110

Lab Sample ID: 890-7309-51 MSD — **Client Sample ID: HA - 11**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 94138

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	119		249	368.7		mg/Kg		100	90 - 110	0	20

QC Sample Results

Client: Earth Systems Response and Restoration
Project/Site: Nailed It Federal Com #222H

Job ID: 890-7309-1
SDG: 2302

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: 890-7309-61 MS
Matrix: Solid
Analysis Batch: 94138

Client Sample ID: HA - 13
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	66.8		249	322.2		mg/Kg		103	90 - 110		

Lab Sample ID: 890-7309-61 MSD
Matrix: Solid
Analysis Batch: 94138

Client Sample ID: HA - 13
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	66.8		249	321.6		mg/Kg		102	90 - 110	0	20

QC Association Summary

Client: Earth Systems Response and Restoration
Project/Site: Nailed It Federal Com #222H

Job ID: 890-7309-1
SDG: 2302

GC VOA

Analysis Batch: 93912

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7309-61	HA - 13	Total/NA	Solid	8021B	94091
890-7309-62	HA - 13	Total/NA	Solid	8021B	94091
890-7309-63	HA - 13	Total/NA	Solid	8021B	94091
890-7309-64	HA - 13	Total/NA	Solid	8021B	94091
890-7309-65	HA - 13	Total/NA	Solid	8021B	94091
MB 880-94091/5-A	Method Blank	Total/NA	Solid	8021B	94091
LCS 880-94091/1-A	Lab Control Sample	Total/NA	Solid	8021B	94091
LCSD 880-94091/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	94091
890-7309-61 MS	HA - 13	Total/NA	Solid	8021B	94091
890-7309-61 MSD	HA - 13	Total/NA	Solid	8021B	94091

Analysis Batch: 94083

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7309-1	HA - 1	Total/NA	Solid	8021B	94088
890-7309-2	HA - 1	Total/NA	Solid	8021B	94088
890-7309-3	HA - 1	Total/NA	Solid	8021B	94088
890-7309-4	HA - 1	Total/NA	Solid	8021B	94088
890-7309-5	HA - 1	Total/NA	Solid	8021B	94088
890-7309-6	HA - 2	Total/NA	Solid	8021B	94088
890-7309-7	HA - 2	Total/NA	Solid	8021B	94088
890-7309-8	HA - 2	Total/NA	Solid	8021B	94088
890-7309-9	HA - 2	Total/NA	Solid	8021B	94088
890-7309-10	HA - 2	Total/NA	Solid	8021B	94088
890-7309-11	HA - 3	Total/NA	Solid	8021B	94088
MB 880-94088/5-A	Method Blank	Total/NA	Solid	8021B	94088
LCS 880-94088/1-A	Lab Control Sample	Total/NA	Solid	8021B	94088
LCSD 880-94088/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	94088
890-7309-1 MS	HA - 1	Total/NA	Solid	8021B	94088
890-7309-1 MSD	HA - 1	Total/NA	Solid	8021B	94088

Analysis Batch: 94084

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7309-41	HA - 9	Total/NA	Solid	8021B	94090
890-7309-42	HA - 9	Total/NA	Solid	8021B	94090
890-7309-43	HA - 9	Total/NA	Solid	8021B	94090
890-7309-44	HA - 9	Total/NA	Solid	8021B	94090
890-7309-45	HA - 9	Total/NA	Solid	8021B	94090
890-7309-46	HA - 10	Total/NA	Solid	8021B	94090
890-7309-47	HA - 10	Total/NA	Solid	8021B	94090
890-7309-48	HA - 10	Total/NA	Solid	8021B	94090
890-7309-49	HA - 10	Total/NA	Solid	8021B	94090
890-7309-50	HA - 10	Total/NA	Solid	8021B	94090
890-7309-51	HA - 11	Total/NA	Solid	8021B	94090
890-7309-52	HA - 11	Total/NA	Solid	8021B	94090
890-7309-53	HA - 11	Total/NA	Solid	8021B	94090
890-7309-54	HA - 11	Total/NA	Solid	8021B	94090
890-7309-55	HA - 11	Total/NA	Solid	8021B	94090
890-7309-56	HA - 12	Total/NA	Solid	8021B	94090
890-7309-57	HA - 12	Total/NA	Solid	8021B	94090
890-7309-58	HA - 12	Total/NA	Solid	8021B	94090
890-7309-59	HA - 12	Total/NA	Solid	8021B	94090

QC Association Summary

Client: Earth Systems Response and Restoration
Project/Site: Nailed It Federal Com #222H

Job ID: 890-7309-1
SDG: 2302

GC VOA (Continued)

Analysis Batch: 94084 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7309-60	HA - 12	Total/NA	Solid	8021B	94090
MB 880-94090/5-A	Method Blank	Total/NA	Solid	8021B	94090
LCS 880-94090/1-A	Lab Control Sample	Total/NA	Solid	8021B	94090
LCSD 880-94090/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	94090
890-7309-41 MS	HA - 9	Total/NA	Solid	8021B	94090
890-7309-41 MSD	HA - 9	Total/NA	Solid	8021B	94090

Analysis Batch: 94085

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7309-21	HA - 5	Total/NA	Solid	8021B	94089
890-7309-22	HA - 5	Total/NA	Solid	8021B	94089
890-7309-23	HA - 5	Total/NA	Solid	8021B	94089
890-7309-24	HA - 5	Total/NA	Solid	8021B	94089
890-7309-25	HA - 5	Total/NA	Solid	8021B	94089
890-7309-26	HA - 6	Total/NA	Solid	8021B	94089
890-7309-27	HA - 6	Total/NA	Solid	8021B	94089
890-7309-28	HA - 6	Total/NA	Solid	8021B	94089
890-7309-29	HA - 6	Total/NA	Solid	8021B	94089
890-7309-30	HA - 6	Total/NA	Solid	8021B	94089
890-7309-31	HA - 7	Total/NA	Solid	8021B	94089
890-7309-32	HA - 7	Total/NA	Solid	8021B	94089
890-7309-33	HA - 7	Total/NA	Solid	8021B	94089
890-7309-34	HA - 7	Total/NA	Solid	8021B	94089
890-7309-35	HA - 7	Total/NA	Solid	8021B	94089
890-7309-36	HA - 8	Total/NA	Solid	8021B	94089
890-7309-37	HA - 8	Total/NA	Solid	8021B	94089
890-7309-38	HA - 8	Total/NA	Solid	8021B	94089
890-7309-39	HA - 8	Total/NA	Solid	8021B	94089
890-7309-40	HA - 8	Total/NA	Solid	8021B	94089
MB 880-94089/5-A	Method Blank	Total/NA	Solid	8021B	94089
LCS 880-94089/1-A	Lab Control Sample	Total/NA	Solid	8021B	94089
LCSD 880-94089/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	94089
890-7309-21 MS	HA - 5	Total/NA	Solid	8021B	94089
890-7309-21 MSD	HA - 5	Total/NA	Solid	8021B	94089

Prep Batch: 94088

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7309-1	HA - 1	Total/NA	Solid	5035	
890-7309-2	HA - 1	Total/NA	Solid	5035	
890-7309-3	HA - 1	Total/NA	Solid	5035	
890-7309-4	HA - 1	Total/NA	Solid	5035	
890-7309-5	HA - 1	Total/NA	Solid	5035	
890-7309-6	HA - 2	Total/NA	Solid	5035	
890-7309-7	HA - 2	Total/NA	Solid	5035	
890-7309-8	HA - 2	Total/NA	Solid	5035	
890-7309-9	HA - 2	Total/NA	Solid	5035	
890-7309-10	HA - 2	Total/NA	Solid	5035	
890-7309-11	HA - 3	Total/NA	Solid	5035	
MB 880-94088/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-94088/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-94088/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	

QC Association Summary

Client: Earth Systems Response and Restoration
Project/Site: Nailed It Federal Com #222H

Job ID: 890-7309-1
SDG: 2302

GC VOA (Continued)

Prep Batch: 94088 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7309-1 MS	HA - 1	Total/NA	Solid	5035	
890-7309-1 MSD	HA - 1	Total/NA	Solid	5035	

Prep Batch: 94089

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7309-21	HA - 5	Total/NA	Solid	5035	
890-7309-22	HA - 5	Total/NA	Solid	5035	
890-7309-23	HA - 5	Total/NA	Solid	5035	
890-7309-24	HA - 5	Total/NA	Solid	5035	
890-7309-25	HA - 5	Total/NA	Solid	5035	
890-7309-26	HA - 6	Total/NA	Solid	5035	
890-7309-27	HA - 6	Total/NA	Solid	5035	
890-7309-28	HA - 6	Total/NA	Solid	5035	
890-7309-29	HA - 6	Total/NA	Solid	5035	
890-7309-30	HA - 6	Total/NA	Solid	5035	
890-7309-31	HA - 7	Total/NA	Solid	5035	
890-7309-32	HA - 7	Total/NA	Solid	5035	
890-7309-33	HA - 7	Total/NA	Solid	5035	
890-7309-34	HA - 7	Total/NA	Solid	5035	
890-7309-35	HA - 7	Total/NA	Solid	5035	
890-7309-36	HA - 8	Total/NA	Solid	5035	
890-7309-37	HA - 8	Total/NA	Solid	5035	
890-7309-38	HA - 8	Total/NA	Solid	5035	
890-7309-39	HA - 8	Total/NA	Solid	5035	
890-7309-40	HA - 8	Total/NA	Solid	5035	
MB 880-94089/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-94089/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-94089/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-7309-21 MS	HA - 5	Total/NA	Solid	5035	
890-7309-21 MSD	HA - 5	Total/NA	Solid	5035	

Prep Batch: 94090

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7309-41	HA - 9	Total/NA	Solid	5035	
890-7309-42	HA - 9	Total/NA	Solid	5035	
890-7309-43	HA - 9	Total/NA	Solid	5035	
890-7309-44	HA - 9	Total/NA	Solid	5035	
890-7309-45	HA - 9	Total/NA	Solid	5035	
890-7309-46	HA - 10	Total/NA	Solid	5035	
890-7309-47	HA - 10	Total/NA	Solid	5035	
890-7309-48	HA - 10	Total/NA	Solid	5035	
890-7309-49	HA - 10	Total/NA	Solid	5035	
890-7309-50	HA - 10	Total/NA	Solid	5035	
890-7309-51	HA - 11	Total/NA	Solid	5035	
890-7309-52	HA - 11	Total/NA	Solid	5035	
890-7309-53	HA - 11	Total/NA	Solid	5035	
890-7309-54	HA - 11	Total/NA	Solid	5035	
890-7309-55	HA - 11	Total/NA	Solid	5035	
890-7309-56	HA - 12	Total/NA	Solid	5035	
890-7309-57	HA - 12	Total/NA	Solid	5035	
890-7309-58	HA - 12	Total/NA	Solid	5035	

QC Association Summary

Client: Earth Systems Response and Restoration
Project/Site: Nailed It Federal Com #222H

Job ID: 890-7309-1
SDG: 2302

GC VOA (Continued)

Prep Batch: 94090 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7309-59	HA - 12	Total/NA	Solid	5035	
890-7309-60	HA - 12	Total/NA	Solid	5035	
MB 880-94090/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-94090/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-94090/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-7309-41 MS	HA - 9	Total/NA	Solid	5035	
890-7309-41 MSD	HA - 9	Total/NA	Solid	5035	

Prep Batch: 94091

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7309-61	HA - 13	Total/NA	Solid	5035	
890-7309-62	HA - 13	Total/NA	Solid	5035	
890-7309-63	HA - 13	Total/NA	Solid	5035	
890-7309-64	HA - 13	Total/NA	Solid	5035	
890-7309-65	HA - 13	Total/NA	Solid	5035	
MB 880-94091/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-94091/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-94091/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-7309-61 MS	HA - 13	Total/NA	Solid	5035	
890-7309-61 MSD	HA - 13	Total/NA	Solid	5035	

Prep Batch: 94143

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7309-12	HA - 3	Total/NA	Solid	5035	
890-7309-13	HA - 3	Total/NA	Solid	5035	
890-7309-14	HA - 3	Total/NA	Solid	5035	
890-7309-15	HA - 3	Total/NA	Solid	5035	
890-7309-16	HA - 4	Total/NA	Solid	5035	
890-7309-17	HA - 4	Total/NA	Solid	5035	
890-7309-18	HA - 4	Total/NA	Solid	5035	
890-7309-19	HA - 4	Total/NA	Solid	5035	
890-7309-20	HA - 4	Total/NA	Solid	5035	
MB 880-94143/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-94143/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-94143/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	

Analysis Batch: 94153

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7309-1	HA - 1	Total/NA	Solid	Total BTEX	
890-7309-2	HA - 1	Total/NA	Solid	Total BTEX	
890-7309-3	HA - 1	Total/NA	Solid	Total BTEX	
890-7309-4	HA - 1	Total/NA	Solid	Total BTEX	
890-7309-5	HA - 1	Total/NA	Solid	Total BTEX	
890-7309-6	HA - 2	Total/NA	Solid	Total BTEX	
890-7309-7	HA - 2	Total/NA	Solid	Total BTEX	
890-7309-8	HA - 2	Total/NA	Solid	Total BTEX	
890-7309-9	HA - 2	Total/NA	Solid	Total BTEX	
890-7309-10	HA - 2	Total/NA	Solid	Total BTEX	
890-7309-11	HA - 3	Total/NA	Solid	Total BTEX	
890-7309-12	HA - 3	Total/NA	Solid	Total BTEX	
890-7309-13	HA - 3	Total/NA	Solid	Total BTEX	

QC Association Summary

Client: Earth Systems Response and Restoration
Project/Site: Nailed It Federal Com #222H

Job ID: 890-7309-1
SDG: 2302

GC VOA (Continued)

Analysis Batch: 94153 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7309-14	HA - 3	Total/NA	Solid	Total BTEX	
890-7309-15	HA - 3	Total/NA	Solid	Total BTEX	
890-7309-16	HA - 4	Total/NA	Solid	Total BTEX	
890-7309-17	HA - 4	Total/NA	Solid	Total BTEX	
890-7309-18	HA - 4	Total/NA	Solid	Total BTEX	
890-7309-19	HA - 4	Total/NA	Solid	Total BTEX	
890-7309-20	HA - 4	Total/NA	Solid	Total BTEX	
890-7309-21	HA - 5	Total/NA	Solid	Total BTEX	
890-7309-22	HA - 5	Total/NA	Solid	Total BTEX	
890-7309-23	HA - 5	Total/NA	Solid	Total BTEX	
890-7309-24	HA - 5	Total/NA	Solid	Total BTEX	
890-7309-25	HA - 5	Total/NA	Solid	Total BTEX	
890-7309-26	HA - 6	Total/NA	Solid	Total BTEX	
890-7309-27	HA - 6	Total/NA	Solid	Total BTEX	
890-7309-28	HA - 6	Total/NA	Solid	Total BTEX	
890-7309-29	HA - 6	Total/NA	Solid	Total BTEX	
890-7309-30	HA - 6	Total/NA	Solid	Total BTEX	
890-7309-31	HA - 7	Total/NA	Solid	Total BTEX	
890-7309-32	HA - 7	Total/NA	Solid	Total BTEX	
890-7309-33	HA - 7	Total/NA	Solid	Total BTEX	
890-7309-34	HA - 7	Total/NA	Solid	Total BTEX	
890-7309-35	HA - 7	Total/NA	Solid	Total BTEX	
890-7309-36	HA - 8	Total/NA	Solid	Total BTEX	
890-7309-37	HA - 8	Total/NA	Solid	Total BTEX	
890-7309-38	HA - 8	Total/NA	Solid	Total BTEX	
890-7309-39	HA - 8	Total/NA	Solid	Total BTEX	
890-7309-40	HA - 8	Total/NA	Solid	Total BTEX	
890-7309-41	HA - 9	Total/NA	Solid	Total BTEX	
890-7309-42	HA - 9	Total/NA	Solid	Total BTEX	
890-7309-43	HA - 9	Total/NA	Solid	Total BTEX	
890-7309-44	HA - 9	Total/NA	Solid	Total BTEX	
890-7309-45	HA - 9	Total/NA	Solid	Total BTEX	
890-7309-46	HA - 10	Total/NA	Solid	Total BTEX	
890-7309-47	HA - 10	Total/NA	Solid	Total BTEX	
890-7309-48	HA - 10	Total/NA	Solid	Total BTEX	
890-7309-49	HA - 10	Total/NA	Solid	Total BTEX	
890-7309-50	HA - 10	Total/NA	Solid	Total BTEX	
890-7309-51	HA - 11	Total/NA	Solid	Total BTEX	
890-7309-52	HA - 11	Total/NA	Solid	Total BTEX	
890-7309-53	HA - 11	Total/NA	Solid	Total BTEX	
890-7309-54	HA - 11	Total/NA	Solid	Total BTEX	
890-7309-55	HA - 11	Total/NA	Solid	Total BTEX	
890-7309-56	HA - 12	Total/NA	Solid	Total BTEX	
890-7309-57	HA - 12	Total/NA	Solid	Total BTEX	
890-7309-58	HA - 12	Total/NA	Solid	Total BTEX	
890-7309-59	HA - 12	Total/NA	Solid	Total BTEX	
890-7309-60	HA - 12	Total/NA	Solid	Total BTEX	
890-7309-61	HA - 13	Total/NA	Solid	Total BTEX	
890-7309-62	HA - 13	Total/NA	Solid	Total BTEX	
890-7309-63	HA - 13	Total/NA	Solid	Total BTEX	
890-7309-64	HA - 13	Total/NA	Solid	Total BTEX	

QC Association Summary

Client: Earth Systems Response and Restoration
Project/Site: Nailed It Federal Com #222H

Job ID: 890-7309-1
SDG: 2302

GC VOA (Continued)

Analysis Batch: 94153 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7309-65	HA - 13	Total/NA	Solid	Total BTEX	

Prep Batch: 94193

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-94193/5-A	Method Blank	Total/NA	Solid	5035	

Analysis Batch: 94208

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7309-12	HA - 3	Total/NA	Solid	8021B	94143
890-7309-13	HA - 3	Total/NA	Solid	8021B	94143
890-7309-14	HA - 3	Total/NA	Solid	8021B	94143
890-7309-15	HA - 3	Total/NA	Solid	8021B	94143
890-7309-16	HA - 4	Total/NA	Solid	8021B	94143
890-7309-17	HA - 4	Total/NA	Solid	8021B	94143
890-7309-18	HA - 4	Total/NA	Solid	8021B	94143
890-7309-19	HA - 4	Total/NA	Solid	8021B	94143
890-7309-20	HA - 4	Total/NA	Solid	8021B	94143
MB 880-94143/5-A	Method Blank	Total/NA	Solid	8021B	94143
MB 880-94193/5-A	Method Blank	Total/NA	Solid	8021B	94193
LCS 880-94143/1-A	Lab Control Sample	Total/NA	Solid	8021B	94143
LCSD 880-94143/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	94143

GC Semi VOA

Prep Batch: 94078

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7309-1	HA - 1	Total/NA	Solid	8015NM Prep	
890-7309-2	HA - 1	Total/NA	Solid	8015NM Prep	
890-7309-3	HA - 1	Total/NA	Solid	8015NM Prep	
MB 880-94078/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-94078/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-94078/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	

Prep Batch: 94079

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7309-4	HA - 1	Total/NA	Solid	8015NM Prep	
890-7309-5	HA - 1	Total/NA	Solid	8015NM Prep	
890-7309-6	HA - 2	Total/NA	Solid	8015NM Prep	
890-7309-7	HA - 2	Total/NA	Solid	8015NM Prep	
890-7309-8	HA - 2	Total/NA	Solid	8015NM Prep	
890-7309-9	HA - 2	Total/NA	Solid	8015NM Prep	
890-7309-10	HA - 2	Total/NA	Solid	8015NM Prep	
890-7309-11	HA - 3	Total/NA	Solid	8015NM Prep	
890-7309-12	HA - 3	Total/NA	Solid	8015NM Prep	
890-7309-13	HA - 3	Total/NA	Solid	8015NM Prep	
890-7309-14	HA - 3	Total/NA	Solid	8015NM Prep	
890-7309-15	HA - 3	Total/NA	Solid	8015NM Prep	
890-7309-16	HA - 4	Total/NA	Solid	8015NM Prep	
890-7309-17	HA - 4	Total/NA	Solid	8015NM Prep	
890-7309-18	HA - 4	Total/NA	Solid	8015NM Prep	
890-7309-19	HA - 4	Total/NA	Solid	8015NM Prep	

QC Association Summary

Client: Earth Systems Response and Restoration
Project/Site: Nailed It Federal Com #222H

Job ID: 890-7309-1
SDG: 2302

GC Semi VOA (Continued)

Prep Batch: 94079 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7309-20	HA - 4	Total/NA	Solid	8015NM Prep	
890-7309-21	HA - 5	Total/NA	Solid	8015NM Prep	
890-7309-22	HA - 5	Total/NA	Solid	8015NM Prep	
890-7309-23	HA - 5	Total/NA	Solid	8015NM Prep	
MB 880-94079/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-94079/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-94079/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-7309-4 MS	HA - 1	Total/NA	Solid	8015NM Prep	
890-7309-4 MSD	HA - 1	Total/NA	Solid	8015NM Prep	

Prep Batch: 94080

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7309-24	HA - 5	Total/NA	Solid	8015NM Prep	
890-7309-25	HA - 5	Total/NA	Solid	8015NM Prep	
890-7309-26	HA - 6	Total/NA	Solid	8015NM Prep	
890-7309-27	HA - 6	Total/NA	Solid	8015NM Prep	
890-7309-28	HA - 6	Total/NA	Solid	8015NM Prep	
890-7309-29	HA - 6	Total/NA	Solid	8015NM Prep	
890-7309-30	HA - 6	Total/NA	Solid	8015NM Prep	
890-7309-31	HA - 7	Total/NA	Solid	8015NM Prep	
890-7309-32	HA - 7	Total/NA	Solid	8015NM Prep	
890-7309-33	HA - 7	Total/NA	Solid	8015NM Prep	
890-7309-34	HA - 7	Total/NA	Solid	8015NM Prep	
890-7309-35	HA - 7	Total/NA	Solid	8015NM Prep	
890-7309-36	HA - 8	Total/NA	Solid	8015NM Prep	
890-7309-37	HA - 8	Total/NA	Solid	8015NM Prep	
890-7309-38	HA - 8	Total/NA	Solid	8015NM Prep	
890-7309-39	HA - 8	Total/NA	Solid	8015NM Prep	
890-7309-40	HA - 8	Total/NA	Solid	8015NM Prep	
890-7309-41	HA - 9	Total/NA	Solid	8015NM Prep	
890-7309-42	HA - 9	Total/NA	Solid	8015NM Prep	
890-7309-43	HA - 9	Total/NA	Solid	8015NM Prep	
MB 880-94080/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-94080/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-94080/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-7309-24 MS	HA - 5	Total/NA	Solid	8015NM Prep	
890-7309-24 MSD	HA - 5	Total/NA	Solid	8015NM Prep	

Prep Batch: 94081

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7309-44	HA - 9	Total/NA	Solid	8015NM Prep	
890-7309-45	HA - 9	Total/NA	Solid	8015NM Prep	
890-7309-46	HA - 10	Total/NA	Solid	8015NM Prep	
890-7309-47	HA - 10	Total/NA	Solid	8015NM Prep	
890-7309-48	HA - 10	Total/NA	Solid	8015NM Prep	
890-7309-49	HA - 10	Total/NA	Solid	8015NM Prep	
890-7309-50	HA - 10	Total/NA	Solid	8015NM Prep	
890-7309-51	HA - 11	Total/NA	Solid	8015NM Prep	
890-7309-52	HA - 11	Total/NA	Solid	8015NM Prep	
890-7309-53	HA - 11	Total/NA	Solid	8015NM Prep	
890-7309-54	HA - 11	Total/NA	Solid	8015NM Prep	

QC Association Summary

Client: Earth Systems Response and Restoration
Project/Site: Nailed It Federal Com #222H

Job ID: 890-7309-1
SDG: 2302

GC Semi VOA (Continued)

Prep Batch: 94081 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7309-55	HA - 11	Total/NA	Solid	8015NM Prep	
890-7309-56	HA - 12	Total/NA	Solid	8015NM Prep	
890-7309-57	HA - 12	Total/NA	Solid	8015NM Prep	
890-7309-58	HA - 12	Total/NA	Solid	8015NM Prep	
890-7309-59	HA - 12	Total/NA	Solid	8015NM Prep	
890-7309-60	HA - 12	Total/NA	Solid	8015NM Prep	
890-7309-61	HA - 13	Total/NA	Solid	8015NM Prep	
890-7309-62	HA - 13	Total/NA	Solid	8015NM Prep	
890-7309-63	HA - 13	Total/NA	Solid	8015NM Prep	
MB 880-94081/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-94081/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-94081/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-7309-44 MS	HA - 9	Total/NA	Solid	8015NM Prep	
890-7309-44 MSD	HA - 9	Total/NA	Solid	8015NM Prep	

Prep Batch: 94082

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7309-64	HA - 13	Total/NA	Solid	8015NM Prep	
890-7309-65	HA - 13	Total/NA	Solid	8015NM Prep	
MB 880-94082/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-94082/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-94082/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-7309-64 MS	HA - 13	Total/NA	Solid	8015NM Prep	
890-7309-64 MSD	HA - 13	Total/NA	Solid	8015NM Prep	

Analysis Batch: 94159

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7309-1	HA - 1	Total/NA	Solid	8015B NM	94078
890-7309-2	HA - 1	Total/NA	Solid	8015B NM	94078
890-7309-3	HA - 1	Total/NA	Solid	8015B NM	94078
890-7309-4	HA - 1	Total/NA	Solid	8015B NM	94079
890-7309-5	HA - 1	Total/NA	Solid	8015B NM	94079
890-7309-6	HA - 2	Total/NA	Solid	8015B NM	94079
890-7309-7	HA - 2	Total/NA	Solid	8015B NM	94079
890-7309-8	HA - 2	Total/NA	Solid	8015B NM	94079
890-7309-9	HA - 2	Total/NA	Solid	8015B NM	94079
890-7309-10	HA - 2	Total/NA	Solid	8015B NM	94079
890-7309-11	HA - 3	Total/NA	Solid	8015B NM	94079
890-7309-12	HA - 3	Total/NA	Solid	8015B NM	94079
890-7309-13	HA - 3	Total/NA	Solid	8015B NM	94079
890-7309-14	HA - 3	Total/NA	Solid	8015B NM	94079
890-7309-15	HA - 3	Total/NA	Solid	8015B NM	94079
890-7309-16	HA - 4	Total/NA	Solid	8015B NM	94079
890-7309-17	HA - 4	Total/NA	Solid	8015B NM	94079
890-7309-18	HA - 4	Total/NA	Solid	8015B NM	94079
890-7309-19	HA - 4	Total/NA	Solid	8015B NM	94079
890-7309-20	HA - 4	Total/NA	Solid	8015B NM	94079
890-7309-21	HA - 5	Total/NA	Solid	8015B NM	94079
890-7309-22	HA - 5	Total/NA	Solid	8015B NM	94079
890-7309-23	HA - 5	Total/NA	Solid	8015B NM	94079
MB 880-94078/1-A	Method Blank	Total/NA	Solid	8015B NM	94078

QC Association Summary

Client: Earth Systems Response and Restoration
Project/Site: Nailed It Federal Com #222H

Job ID: 890-7309-1
SDG: 2302

GC Semi VOA (Continued)

Analysis Batch: 94159 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-94079/1-A	Method Blank	Total/NA	Solid	8015B NM	94079
LCS 880-94078/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	94078
LCS 880-94079/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	94079
LCSD 880-94078/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	94078
LCSD 880-94079/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	94079
890-7309-4 MS	HA - 1	Total/NA	Solid	8015B NM	94079
890-7309-4 MSD	HA - 1	Total/NA	Solid	8015B NM	94079

Analysis Batch: 94161

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7309-24	HA - 5	Total/NA	Solid	8015B NM	94080
890-7309-25	HA - 5	Total/NA	Solid	8015B NM	94080
890-7309-26	HA - 6	Total/NA	Solid	8015B NM	94080
890-7309-27	HA - 6	Total/NA	Solid	8015B NM	94080
890-7309-28	HA - 6	Total/NA	Solid	8015B NM	94080
890-7309-29	HA - 6	Total/NA	Solid	8015B NM	94080
890-7309-30	HA - 6	Total/NA	Solid	8015B NM	94080
890-7309-31	HA - 7	Total/NA	Solid	8015B NM	94080
890-7309-32	HA - 7	Total/NA	Solid	8015B NM	94080
890-7309-33	HA - 7	Total/NA	Solid	8015B NM	94080
890-7309-34	HA - 7	Total/NA	Solid	8015B NM	94080
890-7309-35	HA - 7	Total/NA	Solid	8015B NM	94080
890-7309-36	HA - 8	Total/NA	Solid	8015B NM	94080
890-7309-37	HA - 8	Total/NA	Solid	8015B NM	94080
890-7309-38	HA - 8	Total/NA	Solid	8015B NM	94080
890-7309-39	HA - 8	Total/NA	Solid	8015B NM	94080
890-7309-40	HA - 8	Total/NA	Solid	8015B NM	94080
890-7309-41	HA - 9	Total/NA	Solid	8015B NM	94080
890-7309-42	HA - 9	Total/NA	Solid	8015B NM	94080
890-7309-43	HA - 9	Total/NA	Solid	8015B NM	94080
890-7309-44	HA - 9	Total/NA	Solid	8015B NM	94081
890-7309-45	HA - 9	Total/NA	Solid	8015B NM	94081
890-7309-46	HA - 10	Total/NA	Solid	8015B NM	94081
890-7309-47	HA - 10	Total/NA	Solid	8015B NM	94081
890-7309-48	HA - 10	Total/NA	Solid	8015B NM	94081
890-7309-49	HA - 10	Total/NA	Solid	8015B NM	94081
890-7309-50	HA - 10	Total/NA	Solid	8015B NM	94081
890-7309-51	HA - 11	Total/NA	Solid	8015B NM	94081
890-7309-52	HA - 11	Total/NA	Solid	8015B NM	94081
890-7309-53	HA - 11	Total/NA	Solid	8015B NM	94081
890-7309-54	HA - 11	Total/NA	Solid	8015B NM	94081
890-7309-55	HA - 11	Total/NA	Solid	8015B NM	94081
890-7309-56	HA - 12	Total/NA	Solid	8015B NM	94081
890-7309-57	HA - 12	Total/NA	Solid	8015B NM	94081
890-7309-58	HA - 12	Total/NA	Solid	8015B NM	94081
890-7309-59	HA - 12	Total/NA	Solid	8015B NM	94081
890-7309-60	HA - 12	Total/NA	Solid	8015B NM	94081
890-7309-61	HA - 13	Total/NA	Solid	8015B NM	94081
890-7309-62	HA - 13	Total/NA	Solid	8015B NM	94081
890-7309-63	HA - 13	Total/NA	Solid	8015B NM	94081
MB 880-94080/1-A	Method Blank	Total/NA	Solid	8015B NM	94080

QC Association Summary

Client: Earth Systems Response and Restoration
Project/Site: Nailed It Federal Com #222H

Job ID: 890-7309-1
SDG: 2302

GC Semi VOA (Continued)

Analysis Batch: 94161 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-94081/1-A	Method Blank	Total/NA	Solid	8015B NM	94081
LCS 880-94080/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	94080
LCS 880-94081/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	94081
LCSD 880-94080/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	94080
LCSD 880-94081/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	94081
890-7309-24 MS	HA - 5	Total/NA	Solid	8015B NM	94080
890-7309-24 MSD	HA - 5	Total/NA	Solid	8015B NM	94080
890-7309-44 MS	HA - 9	Total/NA	Solid	8015B NM	94081
890-7309-44 MSD	HA - 9	Total/NA	Solid	8015B NM	94081

Analysis Batch: 94245

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7309-1	HA - 1	Total/NA	Solid	8015 NM	
890-7309-2	HA - 1	Total/NA	Solid	8015 NM	
890-7309-3	HA - 1	Total/NA	Solid	8015 NM	
890-7309-4	HA - 1	Total/NA	Solid	8015 NM	
890-7309-5	HA - 1	Total/NA	Solid	8015 NM	
890-7309-6	HA - 2	Total/NA	Solid	8015 NM	
890-7309-7	HA - 2	Total/NA	Solid	8015 NM	
890-7309-8	HA - 2	Total/NA	Solid	8015 NM	
890-7309-9	HA - 2	Total/NA	Solid	8015 NM	
890-7309-10	HA - 2	Total/NA	Solid	8015 NM	
890-7309-11	HA - 3	Total/NA	Solid	8015 NM	
890-7309-12	HA - 3	Total/NA	Solid	8015 NM	
890-7309-13	HA - 3	Total/NA	Solid	8015 NM	
890-7309-14	HA - 3	Total/NA	Solid	8015 NM	
890-7309-15	HA - 3	Total/NA	Solid	8015 NM	
890-7309-16	HA - 4	Total/NA	Solid	8015 NM	
890-7309-17	HA - 4	Total/NA	Solid	8015 NM	
890-7309-18	HA - 4	Total/NA	Solid	8015 NM	
890-7309-19	HA - 4	Total/NA	Solid	8015 NM	
890-7309-20	HA - 4	Total/NA	Solid	8015 NM	
890-7309-21	HA - 5	Total/NA	Solid	8015 NM	
890-7309-22	HA - 5	Total/NA	Solid	8015 NM	
890-7309-23	HA - 5	Total/NA	Solid	8015 NM	
890-7309-24	HA - 5	Total/NA	Solid	8015 NM	
890-7309-25	HA - 5	Total/NA	Solid	8015 NM	
890-7309-26	HA - 6	Total/NA	Solid	8015 NM	
890-7309-27	HA - 6	Total/NA	Solid	8015 NM	
890-7309-28	HA - 6	Total/NA	Solid	8015 NM	
890-7309-29	HA - 6	Total/NA	Solid	8015 NM	
890-7309-30	HA - 6	Total/NA	Solid	8015 NM	
890-7309-31	HA - 7	Total/NA	Solid	8015 NM	
890-7309-32	HA - 7	Total/NA	Solid	8015 NM	
890-7309-33	HA - 7	Total/NA	Solid	8015 NM	
890-7309-34	HA - 7	Total/NA	Solid	8015 NM	
890-7309-35	HA - 7	Total/NA	Solid	8015 NM	
890-7309-36	HA - 8	Total/NA	Solid	8015 NM	
890-7309-37	HA - 8	Total/NA	Solid	8015 NM	
890-7309-38	HA - 8	Total/NA	Solid	8015 NM	
890-7309-39	HA - 8	Total/NA	Solid	8015 NM	

QC Association Summary

Client: Earth Systems Response and Restoration
Project/Site: Nailed It Federal Com #222H

Job ID: 890-7309-1
SDG: 2302

GC Semi VOA (Continued)

Analysis Batch: 94245 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7309-40	HA - 8	Total/NA	Solid	8015 NM	
890-7309-41	HA - 9	Total/NA	Solid	8015 NM	
890-7309-42	HA - 9	Total/NA	Solid	8015 NM	
890-7309-43	HA - 9	Total/NA	Solid	8015 NM	
890-7309-44	HA - 9	Total/NA	Solid	8015 NM	
890-7309-45	HA - 9	Total/NA	Solid	8015 NM	
890-7309-46	HA - 10	Total/NA	Solid	8015 NM	
890-7309-47	HA - 10	Total/NA	Solid	8015 NM	
890-7309-48	HA - 10	Total/NA	Solid	8015 NM	
890-7309-49	HA - 10	Total/NA	Solid	8015 NM	
890-7309-50	HA - 10	Total/NA	Solid	8015 NM	
890-7309-51	HA - 11	Total/NA	Solid	8015 NM	
890-7309-52	HA - 11	Total/NA	Solid	8015 NM	
890-7309-53	HA - 11	Total/NA	Solid	8015 NM	
890-7309-54	HA - 11	Total/NA	Solid	8015 NM	
890-7309-55	HA - 11	Total/NA	Solid	8015 NM	
890-7309-56	HA - 12	Total/NA	Solid	8015 NM	
890-7309-57	HA - 12	Total/NA	Solid	8015 NM	
890-7309-58	HA - 12	Total/NA	Solid	8015 NM	
890-7309-59	HA - 12	Total/NA	Solid	8015 NM	
890-7309-60	HA - 12	Total/NA	Solid	8015 NM	
890-7309-61	HA - 13	Total/NA	Solid	8015 NM	
890-7309-62	HA - 13	Total/NA	Solid	8015 NM	
890-7309-63	HA - 13	Total/NA	Solid	8015 NM	
890-7309-64	HA - 13	Total/NA	Solid	8015 NM	
890-7309-65	HA - 13	Total/NA	Solid	8015 NM	

Analysis Batch: 94256

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7309-64	HA - 13	Total/NA	Solid	8015B NM	94082
890-7309-65	HA - 13	Total/NA	Solid	8015B NM	94082
MB 880-94082/1-A	Method Blank	Total/NA	Solid	8015B NM	94082
LCS 880-94082/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	94082
LCSD 880-94082/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	94082
890-7309-64 MS	HA - 13	Total/NA	Solid	8015B NM	94082
890-7309-64 MSD	HA - 13	Total/NA	Solid	8015B NM	94082

HPLC/IC

Leach Batch: 94099

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7309-1	HA - 1	Soluble	Solid	DI Leach	
890-7309-2	HA - 1	Soluble	Solid	DI Leach	
890-7309-3	HA - 1	Soluble	Solid	DI Leach	
890-7309-4	HA - 1	Soluble	Solid	DI Leach	
890-7309-5	HA - 1	Soluble	Solid	DI Leach	
890-7309-6	HA - 2	Soluble	Solid	DI Leach	
890-7309-7	HA - 2	Soluble	Solid	DI Leach	
890-7309-8	HA - 2	Soluble	Solid	DI Leach	
890-7309-9	HA - 2	Soluble	Solid	DI Leach	
890-7309-10	HA - 2	Soluble	Solid	DI Leach	

QC Association Summary

Client: Earth Systems Response and Restoration
Project/Site: Nailed It Federal Com #222H

Job ID: 890-7309-1
SDG: 2302

HPLC/IC (Continued)

Leach Batch: 94099 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-94099/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-94099/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-94099/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
890-7309-1 MS	HA - 1	Soluble	Solid	DI Leach	
890-7309-1 MSD	HA - 1	Soluble	Solid	DI Leach	

Leach Batch: 94100

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7309-11	HA - 3	Soluble	Solid	DI Leach	
890-7309-12	HA - 3	Soluble	Solid	DI Leach	
890-7309-13	HA - 3	Soluble	Solid	DI Leach	
890-7309-14	HA - 3	Soluble	Solid	DI Leach	
890-7309-15	HA - 3	Soluble	Solid	DI Leach	
890-7309-16	HA - 4	Soluble	Solid	DI Leach	
890-7309-17	HA - 4	Soluble	Solid	DI Leach	
890-7309-18	HA - 4	Soluble	Solid	DI Leach	
890-7309-19	HA - 4	Soluble	Solid	DI Leach	
890-7309-20	HA - 4	Soluble	Solid	DI Leach	
890-7309-21	HA - 5	Soluble	Solid	DI Leach	
890-7309-22	HA - 5	Soluble	Solid	DI Leach	
890-7309-23	HA - 5	Soluble	Solid	DI Leach	
890-7309-24	HA - 5	Soluble	Solid	DI Leach	
890-7309-25	HA - 5	Soluble	Solid	DI Leach	
890-7309-26	HA - 6	Soluble	Solid	DI Leach	
890-7309-27	HA - 6	Soluble	Solid	DI Leach	
890-7309-28	HA - 6	Soluble	Solid	DI Leach	
890-7309-29	HA - 6	Soluble	Solid	DI Leach	
890-7309-30	HA - 6	Soluble	Solid	DI Leach	
MB 880-94100/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-94100/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-94100/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
890-7309-11 MS	HA - 3	Soluble	Solid	DI Leach	
890-7309-11 MSD	HA - 3	Soluble	Solid	DI Leach	
890-7309-21 MS	HA - 5	Soluble	Solid	DI Leach	
890-7309-21 MSD	HA - 5	Soluble	Solid	DI Leach	

Analysis Batch: 94115

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7309-1	HA - 1	Soluble	Solid	300.0	94099
890-7309-2	HA - 1	Soluble	Solid	300.0	94099
890-7309-3	HA - 1	Soluble	Solid	300.0	94099
890-7309-4	HA - 1	Soluble	Solid	300.0	94099
890-7309-5	HA - 1	Soluble	Solid	300.0	94099
890-7309-6	HA - 2	Soluble	Solid	300.0	94099
890-7309-7	HA - 2	Soluble	Solid	300.0	94099
890-7309-8	HA - 2	Soluble	Solid	300.0	94099
890-7309-9	HA - 2	Soluble	Solid	300.0	94099
890-7309-10	HA - 2	Soluble	Solid	300.0	94099
MB 880-94099/1-A	Method Blank	Soluble	Solid	300.0	94099
LCS 880-94099/2-A	Lab Control Sample	Soluble	Solid	300.0	94099
LCSD 880-94099/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	94099

QC Association Summary

Client: Earth Systems Response and Restoration
Project/Site: Nailed It Federal Com #222H

Job ID: 890-7309-1
SDG: 2302

HPLC/IC (Continued)

Analysis Batch: 94115 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7309-1 MS	HA - 1	Soluble	Solid	300.0	94099
890-7309-1 MSD	HA - 1	Soluble	Solid	300.0	94099

Leach Batch: 94118

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7309-31	HA - 7	Soluble	Solid	DI Leach	
890-7309-32	HA - 7	Soluble	Solid	DI Leach	
890-7309-33	HA - 7	Soluble	Solid	DI Leach	
890-7309-34	HA - 7	Soluble	Solid	DI Leach	
890-7309-35	HA - 7	Soluble	Solid	DI Leach	
890-7309-36	HA - 8	Soluble	Solid	DI Leach	
890-7309-37	HA - 8	Soluble	Solid	DI Leach	
890-7309-38	HA - 8	Soluble	Solid	DI Leach	
890-7309-39	HA - 8	Soluble	Solid	DI Leach	
890-7309-40	HA - 8	Soluble	Solid	DI Leach	
890-7309-41	HA - 9	Soluble	Solid	DI Leach	
890-7309-42	HA - 9	Soluble	Solid	DI Leach	
890-7309-43	HA - 9	Soluble	Solid	DI Leach	
890-7309-44	HA - 9	Soluble	Solid	DI Leach	
890-7309-45	HA - 9	Soluble	Solid	DI Leach	
890-7309-46	HA - 10	Soluble	Solid	DI Leach	
890-7309-47	HA - 10	Soluble	Solid	DI Leach	
890-7309-48	HA - 10	Soluble	Solid	DI Leach	
890-7309-49	HA - 10	Soluble	Solid	DI Leach	
890-7309-50	HA - 10	Soluble	Solid	DI Leach	
MB 880-94118/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-94118/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-94118/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
890-7309-31 MS	HA - 7	Soluble	Solid	DI Leach	
890-7309-31 MSD	HA - 7	Soluble	Solid	DI Leach	
890-7309-41 MS	HA - 9	Soluble	Solid	DI Leach	
890-7309-41 MSD	HA - 9	Soluble	Solid	DI Leach	

Leach Batch: 94119

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7309-51	HA - 11	Soluble	Solid	DI Leach	
890-7309-52	HA - 11	Soluble	Solid	DI Leach	
890-7309-53	HA - 11	Soluble	Solid	DI Leach	
890-7309-54	HA - 11	Soluble	Solid	DI Leach	
890-7309-55	HA - 11	Soluble	Solid	DI Leach	
890-7309-56	HA - 12	Soluble	Solid	DI Leach	
890-7309-57	HA - 12	Soluble	Solid	DI Leach	
890-7309-58	HA - 12	Soluble	Solid	DI Leach	
890-7309-59	HA - 12	Soluble	Solid	DI Leach	
890-7309-60	HA - 12	Soluble	Solid	DI Leach	
890-7309-61	HA - 13	Soluble	Solid	DI Leach	
890-7309-62	HA - 13	Soluble	Solid	DI Leach	
890-7309-63	HA - 13	Soluble	Solid	DI Leach	
890-7309-64	HA - 13	Soluble	Solid	DI Leach	
890-7309-65	HA - 13	Soluble	Solid	DI Leach	
MB 880-94119/1-A	Method Blank	Soluble	Solid	DI Leach	

QC Association Summary

Client: Earth Systems Response and Restoration
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Job ID: 890-7309-1
SDG: 2302

HPLC/IC (Continued)

Leach Batch: 94119 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 880-94119/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-94119/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
890-7309-51 MS	HA - 11	Soluble	Solid	DI Leach	
890-7309-51 MSD	HA - 11	Soluble	Solid	DI Leach	
890-7309-61 MS	HA - 13	Soluble	Solid	DI Leach	
890-7309-61 MSD	HA - 13	Soluble	Solid	DI Leach	

Analysis Batch: 94123

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7309-11	HA - 3	Soluble	Solid	300.0	94100
890-7309-12	HA - 3	Soluble	Solid	300.0	94100
890-7309-13	HA - 3	Soluble	Solid	300.0	94100
890-7309-14	HA - 3	Soluble	Solid	300.0	94100
890-7309-15	HA - 3	Soluble	Solid	300.0	94100
890-7309-16	HA - 4	Soluble	Solid	300.0	94100
890-7309-17	HA - 4	Soluble	Solid	300.0	94100
890-7309-18	HA - 4	Soluble	Solid	300.0	94100
890-7309-19	HA - 4	Soluble	Solid	300.0	94100
890-7309-20	HA - 4	Soluble	Solid	300.0	94100
890-7309-21	HA - 5	Soluble	Solid	300.0	94100
890-7309-22	HA - 5	Soluble	Solid	300.0	94100
890-7309-23	HA - 5	Soluble	Solid	300.0	94100
890-7309-24	HA - 5	Soluble	Solid	300.0	94100
890-7309-25	HA - 5	Soluble	Solid	300.0	94100
890-7309-26	HA - 6	Soluble	Solid	300.0	94100
890-7309-27	HA - 6	Soluble	Solid	300.0	94100
890-7309-28	HA - 6	Soluble	Solid	300.0	94100
890-7309-29	HA - 6	Soluble	Solid	300.0	94100
890-7309-30	HA - 6	Soluble	Solid	300.0	94100
MB 880-94100/1-A	Method Blank	Soluble	Solid	300.0	94100
LCS 880-94100/2-A	Lab Control Sample	Soluble	Solid	300.0	94100
LCSD 880-94100/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	94100
890-7309-11 MS	HA - 3	Soluble	Solid	300.0	94100
890-7309-11 MSD	HA - 3	Soluble	Solid	300.0	94100
890-7309-21 MS	HA - 5	Soluble	Solid	300.0	94100
890-7309-21 MSD	HA - 5	Soluble	Solid	300.0	94100

Analysis Batch: 94137

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7309-31	HA - 7	Soluble	Solid	300.0	94118
890-7309-32	HA - 7	Soluble	Solid	300.0	94118
890-7309-33	HA - 7	Soluble	Solid	300.0	94118
890-7309-34	HA - 7	Soluble	Solid	300.0	94118
890-7309-35	HA - 7	Soluble	Solid	300.0	94118
890-7309-36	HA - 8	Soluble	Solid	300.0	94118
890-7309-37	HA - 8	Soluble	Solid	300.0	94118
890-7309-38	HA - 8	Soluble	Solid	300.0	94118
890-7309-39	HA - 8	Soluble	Solid	300.0	94118
890-7309-40	HA - 8	Soluble	Solid	300.0	94118
890-7309-41	HA - 9	Soluble	Solid	300.0	94118
890-7309-42	HA - 9	Soluble	Solid	300.0	94118

QC Association Summary

Client: Earth Systems Response and Restoration
Project/Site: Nailed It Federal Com #222H

Job ID: 890-7309-1
SDG: 2302

HPLC/IC (Continued)

Analysis Batch: 94137 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7309-43	HA - 9	Soluble	Solid	300.0	94118
890-7309-44	HA - 9	Soluble	Solid	300.0	94118
890-7309-45	HA - 9	Soluble	Solid	300.0	94118
890-7309-46	HA - 10	Soluble	Solid	300.0	94118
890-7309-47	HA - 10	Soluble	Solid	300.0	94118
890-7309-48	HA - 10	Soluble	Solid	300.0	94118
890-7309-49	HA - 10	Soluble	Solid	300.0	94118
890-7309-50	HA - 10	Soluble	Solid	300.0	94118
MB 880-94118/1-A	Method Blank	Soluble	Solid	300.0	94118
LCS 880-94118/2-A	Lab Control Sample	Soluble	Solid	300.0	94118
LCSD 880-94118/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	94118
890-7309-31 MS	HA - 7	Soluble	Solid	300.0	94118
890-7309-31 MSD	HA - 7	Soluble	Solid	300.0	94118
890-7309-41 MS	HA - 9	Soluble	Solid	300.0	94118
890-7309-41 MSD	HA - 9	Soluble	Solid	300.0	94118

Analysis Batch: 94138

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7309-51	HA - 11	Soluble	Solid	300.0	94119
890-7309-52	HA - 11	Soluble	Solid	300.0	94119
890-7309-53	HA - 11	Soluble	Solid	300.0	94119
890-7309-54	HA - 11	Soluble	Solid	300.0	94119
890-7309-55	HA - 11	Soluble	Solid	300.0	94119
890-7309-56	HA - 12	Soluble	Solid	300.0	94119
890-7309-57	HA - 12	Soluble	Solid	300.0	94119
890-7309-58	HA - 12	Soluble	Solid	300.0	94119
890-7309-59	HA - 12	Soluble	Solid	300.0	94119
890-7309-60	HA - 12	Soluble	Solid	300.0	94119
890-7309-61	HA - 13	Soluble	Solid	300.0	94119
890-7309-62	HA - 13	Soluble	Solid	300.0	94119
890-7309-63	HA - 13	Soluble	Solid	300.0	94119
890-7309-64	HA - 13	Soluble	Solid	300.0	94119
890-7309-65	HA - 13	Soluble	Solid	300.0	94119
MB 880-94119/1-A	Method Blank	Soluble	Solid	300.0	94119
LCS 880-94119/2-A	Lab Control Sample	Soluble	Solid	300.0	94119
LCSD 880-94119/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	94119
890-7309-51 MS	HA - 11	Soluble	Solid	300.0	94119
890-7309-51 MSD	HA - 11	Soluble	Solid	300.0	94119
890-7309-61 MS	HA - 13	Soluble	Solid	300.0	94119
890-7309-61 MSD	HA - 13	Soluble	Solid	300.0	94119

Lab Chronicle

Client: Earth Systems Response and Restoration
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Job ID: 890-7309-1
SDG: 2302

Client Sample ID: HA - 1
Lab Sample ID: 890-7309-1
Date Collected: 10/23/24 07:30
Matrix: Solid
Date Received: 10/24/24 15:20

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	94088	10/25/24 08:22	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	94083	10/25/24 11:28	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			94153	10/25/24 11:28	SM	EET MID
Total/NA	Analysis	8015 NM		1			94245	10/25/24 23:38	SM	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10 mL	94078	10/25/24 07:33	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	94159	10/25/24 23:38	TKC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	94099	10/25/24 09:15	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	94115	10/25/24 18:59	CH	EET MID

Client Sample ID: HA - 1
Lab Sample ID: 890-7309-2
Date Collected: 10/23/24 07:35
Matrix: Solid
Date Received: 10/24/24 15:20

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	94088	10/25/24 08:22	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	94083	10/25/24 11:49	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			94153	10/25/24 11:49	SM	EET MID
Total/NA	Analysis	8015 NM		1			94245	10/25/24 23:54	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	94078	10/25/24 07:33	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	94159	10/25/24 23:54	TKC	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	94099	10/25/24 09:15	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	94115	10/25/24 19:14	CH	EET MID

Client Sample ID: HA - 1
Lab Sample ID: 890-7309-3
Date Collected: 10/23/24 07:40
Matrix: Solid
Date Received: 10/24/24 15:20

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	94088	10/25/24 08:22	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	94083	10/25/24 12:09	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			94153	10/25/24 12:09	SM	EET MID
Total/NA	Analysis	8015 NM		1			94245	10/26/24 00:10	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	94078	10/25/24 07:33	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	94159	10/26/24 00:10	TKC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	94099	10/25/24 09:15	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	94115	10/25/24 19:19	CH	EET MID

Client Sample ID: HA - 1
Lab Sample ID: 890-7309-4
Date Collected: 10/23/24 07:45
Matrix: Solid
Date Received: 10/24/24 15:20

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	94088	10/25/24 08:22	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	94083	10/25/24 12:30	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			94153	10/25/24 12:30	SM	EET MID

Lab Chronicle

Client: Earth Systems Response and Restoration
Project/Site: Nailed It Federal Com #222H

Job ID: 890-7309-1
SDG: 2302

Client Sample ID: HA - 1

Lab Sample ID: 890-7309-4
Matrix: Solid

Date Collected: 10/23/24 07:45
Date Received: 10/24/24 15:20

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			94245	10/26/24 02:21	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	94079	10/25/24 07:36	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	94159	10/26/24 02:21	TKC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	94099	10/25/24 09:15	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	94115	10/25/24 19:33	CH	EET MID

Client Sample ID: HA - 1

Lab Sample ID: 890-7309-5
Matrix: Solid

Date Collected: 10/23/24 07:50
Date Received: 10/24/24 15:20

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	94088	10/25/24 08:22	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	94083	10/25/24 12:50	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			94153	10/25/24 12:50	SM	EET MID
Total/NA	Analysis	8015 NM		1			94245	10/26/24 03:12	SM	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10 mL	94079	10/25/24 07:36	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	94159	10/26/24 03:12	TKC	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	94099	10/25/24 09:15	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	94115	10/25/24 19:38	CH	EET MID

Client Sample ID: HA - 2

Lab Sample ID: 890-7309-6
Matrix: Solid

Date Collected: 10/23/24 07:55
Date Received: 10/24/24 15:20

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	94088	10/25/24 08:22	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	94083	10/25/24 13:11	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			94153	10/25/24 13:11	SM	EET MID
Total/NA	Analysis	8015 NM		1			94245	10/26/24 03:28	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	94079	10/25/24 07:36	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	94159	10/26/24 03:28	TKC	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	94099	10/25/24 09:15	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	94115	10/25/24 19:43	CH	EET MID

Client Sample ID: HA - 2

Lab Sample ID: 890-7309-7
Matrix: Solid

Date Collected: 10/23/24 08:00
Date Received: 10/24/24 15:20

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	94088	10/25/24 08:22	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	94083	10/25/24 13:31	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			94153	10/25/24 13:31	SM	EET MID
Total/NA	Analysis	8015 NM		1			94245	10/26/24 03:44	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	94079	10/25/24 07:36	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	94159	10/26/24 03:44	TKC	EET MID

Lab Chronicle

Client: Earth Systems Response and Restoration
Project/Site: Nailed It Federal Com #222H

Job ID: 890-7309-1
SDG: 2302

Client Sample ID: HA - 2
Lab Sample ID: 890-7309-7
Date Collected: 10/23/24 08:00
Matrix: Solid
Date Received: 10/24/24 15:20

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.05 g	50 mL	94099	10/25/24 09:15	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	94115	10/25/24 19:47	CH	EET MID

Client Sample ID: HA - 2
Lab Sample ID: 890-7309-8
Date Collected: 10/23/24 08:05
Matrix: Solid
Date Received: 10/24/24 15:20

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	94088	10/25/24 08:22	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	94083	10/25/24 13:52	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			94153	10/25/24 13:52	SM	EET MID
Total/NA	Analysis	8015 NM		1			94245	10/26/24 04:01	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	94079	10/25/24 07:36	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	94159	10/26/24 04:01	TKC	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	94099	10/25/24 09:15	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	94115	10/25/24 19:52	CH	EET MID

Client Sample ID: HA - 2
Lab Sample ID: 890-7309-9
Date Collected: 10/23/24 08:10
Matrix: Solid
Date Received: 10/24/24 15:20

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	94088	10/25/24 08:22	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	94083	10/25/24 14:12	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			94153	10/25/24 14:12	SM	EET MID
Total/NA	Analysis	8015 NM		1			94245	10/26/24 04:17	SM	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	94079	10/25/24 07:36	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	94159	10/26/24 04:17	TKC	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	94099	10/25/24 09:15	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	94115	10/25/24 19:57	CH	EET MID

Client Sample ID: HA - 2
Lab Sample ID: 890-7309-10
Date Collected: 10/23/24 08:15
Matrix: Solid
Date Received: 10/24/24 15:20

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	94088	10/25/24 08:22	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	94083	10/25/24 14:33	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			94153	10/25/24 14:33	SM	EET MID
Total/NA	Analysis	8015 NM		1			94245	10/26/24 04:34	SM	EET MID
Total/NA	Prep	8015NM Prep			10.07 g	10 mL	94079	10/25/24 07:36	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	94159	10/26/24 04:34	TKC	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	94099	10/25/24 09:15	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	94115	10/25/24 20:02	CH	EET MID

Lab Chronicle

Client: Earth Systems Response and Restoration
Project/Site: Nailed It Federal Com #222H

Job ID: 890-7309-1
SDG: 2302

Client Sample ID: HA - 3
Lab Sample ID: 890-7309-11
Date Collected: 10/23/24 08:20
Matrix: Solid
Date Received: 10/24/24 15:20

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	94088	10/25/24 08:22	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	94083	10/25/24 15:55	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			94153	10/25/24 15:55	SM	EET MID
Total/NA	Analysis	8015 NM		1			94245	10/26/24 04:50	SM	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10 mL	94079	10/25/24 07:36	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	94159	10/26/24 04:50	TKC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	94100	10/25/24 09:20	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	94123	10/25/24 17:38	CH	EET MID

Client Sample ID: HA - 3
Lab Sample ID: 890-7309-12
Date Collected: 10/23/24 08:25
Matrix: Solid
Date Received: 10/24/24 15:20

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	94143	10/25/24 17:00	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	94208	10/29/24 01:21	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			94153	10/29/24 01:21	SM	EET MID
Total/NA	Analysis	8015 NM		1			94245	10/26/24 05:07	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	94079	10/25/24 07:36	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	94159	10/26/24 05:07	TKC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	94100	10/25/24 09:20	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	94123	10/25/24 17:59	CH	EET MID

Client Sample ID: HA - 3
Lab Sample ID: 890-7309-13
Date Collected: 10/23/24 08:30
Matrix: Solid
Date Received: 10/24/24 15:20

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	94143	10/25/24 17:00	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	94208	10/29/24 01:41	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			94153	10/29/24 01:41	SM	EET MID
Total/NA	Analysis	8015 NM		1			94245	10/26/24 05:23	SM	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	94079	10/25/24 07:36	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	94159	10/26/24 05:23	TKC	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	94100	10/25/24 09:20	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	94123	10/25/24 18:05	CH	EET MID

Client Sample ID: HA - 3
Lab Sample ID: 890-7309-14
Date Collected: 10/23/24 08:35
Matrix: Solid
Date Received: 10/24/24 15:20

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	94143	10/25/24 17:00	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	94208	10/29/24 02:02	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			94153	10/29/24 02:02	SM	EET MID

Lab Chronicle

Client: Earth Systems Response and Restoration
Project/Site: Nailed It Federal Com #222H

Job ID: 890-7309-1
SDG: 2302

Client Sample ID: HA - 3
Lab Sample ID: 890-7309-14
Date Collected: 10/23/24 08:35
Matrix: Solid
Date Received: 10/24/24 15:20

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			94245	10/26/24 05:55	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	94079	10/25/24 07:36	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	94159	10/26/24 05:55	TKC	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	94100	10/25/24 09:20	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	94123	10/25/24 18:12	CH	EET MID

Client Sample ID: HA - 3
Lab Sample ID: 890-7309-15
Date Collected: 10/23/24 08:40
Matrix: Solid
Date Received: 10/24/24 15:20

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	94143	10/25/24 17:00	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	94208	10/29/24 02:22	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			94153	10/29/24 02:22	SM	EET MID
Total/NA	Analysis	8015 NM		1			94245	10/26/24 06:11	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	94079	10/25/24 07:36	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	94159	10/26/24 06:11	TKC	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	94100	10/25/24 09:20	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	94123	10/25/24 18:19	CH	EET MID

Client Sample ID: HA - 4
Lab Sample ID: 890-7309-16
Date Collected: 10/23/24 08:45
Matrix: Solid
Date Received: 10/24/24 15:20

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	94143	10/25/24 17:00	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	94208	10/29/24 02:42	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			94153	10/29/24 02:42	SM	EET MID
Total/NA	Analysis	8015 NM		1			94245	10/26/24 06:28	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	94079	10/25/24 07:36	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	94159	10/26/24 06:28	TKC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	94100	10/25/24 09:20	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	94123	10/25/24 18:40	CH	EET MID

Client Sample ID: HA - 4
Lab Sample ID: 890-7309-17
Date Collected: 10/23/24 08:50
Matrix: Solid
Date Received: 10/24/24 15:20

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	94143	10/25/24 17:00	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	94208	10/29/24 03:03	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			94153	10/29/24 03:03	SM	EET MID
Total/NA	Analysis	8015 NM		1			94245	10/26/24 06:44	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	94079	10/25/24 07:36	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	94159	10/26/24 06:44	TKC	EET MID

Lab Chronicle

Client: Earth Systems Response and Restoration
Project/Site: Nailed It Federal Com #222H

Job ID: 890-7309-1
SDG: 2302

Client Sample ID: HA - 4
Lab Sample ID: 890-7309-17
Date Collected: 10/23/24 08:50
Matrix: Solid
Date Received: 10/24/24 15:20

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	94100	10/25/24 09:20	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	94123	10/25/24 18:47	CH	EET MID

Client Sample ID: HA - 4
Lab Sample ID: 890-7309-18
Date Collected: 10/23/24 08:55
Matrix: Solid
Date Received: 10/24/24 15:20

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			1.00 g	5 mL	94143	10/25/24 17:00	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	94208	10/29/24 03:23	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			94153	10/29/24 03:23	SM	EET MID
Total/NA	Analysis	8015 NM		1			94245	10/26/24 06:59	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	94079	10/25/24 07:36	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	94159	10/26/24 06:59	TKC	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	94100	10/25/24 09:20	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	94123	10/25/24 18:53	CH	EET MID

Client Sample ID: HA - 4
Lab Sample ID: 890-7309-19
Date Collected: 10/23/24 09:00
Matrix: Solid
Date Received: 10/24/24 15:20

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	94143	10/25/24 17:00	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	94208	10/29/24 05:13	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			94153	10/29/24 05:13	SM	EET MID
Total/NA	Analysis	8015 NM		1			94245	10/26/24 07:16	SM	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10 mL	94079	10/25/24 07:36	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	94159	10/26/24 07:16	TKC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	94100	10/25/24 09:20	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	94123	10/25/24 19:00	CH	EET MID

Client Sample ID: HA - 4
Lab Sample ID: 890-7309-20
Date Collected: 10/23/24 09:05
Matrix: Solid
Date Received: 10/24/24 15:20

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	94143	10/25/24 17:00	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	94208	10/29/24 05:34	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			94153	10/29/24 05:34	SM	EET MID
Total/NA	Analysis	8015 NM		1			94245	10/26/24 07:31	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	94079	10/25/24 07:36	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	94159	10/26/24 07:31	TKC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	94100	10/25/24 09:20	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	94123	10/25/24 19:07	CH	EET MID

Lab Chronicle

Client: Earth Systems Response and Restoration
Project/Site: Nailed It Federal Com #222H

Job ID: 890-7309-1
SDG: 2302

Client Sample ID: HA - 5
Lab Sample ID: 890-7309-21
Date Collected: 10/23/24 09:10
Matrix: Solid
Date Received: 10/24/24 15:20

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	94089	10/25/24 08:24	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	94085	10/25/24 11:37	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			94153	10/25/24 11:37	SM	EET MID
Total/NA	Analysis	8015 NM		1			94245	10/26/24 07:47	SM	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	94079	10/25/24 07:36	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	94159	10/26/24 07:47	TKC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	94100	10/25/24 09:20	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	94123	10/25/24 19:14	CH	EET MID

Client Sample ID: HA - 5
Lab Sample ID: 890-7309-22
Date Collected: 10/23/24 09:15
Matrix: Solid
Date Received: 10/24/24 15:20

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	94089	10/25/24 08:24	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	94085	10/25/24 11:58	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			94153	10/25/24 11:58	SM	EET MID
Total/NA	Analysis	8015 NM		1			94245	10/26/24 08:03	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	94079	10/25/24 07:36	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	94159	10/26/24 08:03	TKC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	94100	10/25/24 09:20	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	94123	10/25/24 19:35	CH	EET MID

Client Sample ID: HA - 5
Lab Sample ID: 890-7309-23
Date Collected: 10/23/24 09:20
Matrix: Solid
Date Received: 10/24/24 15:20

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	94089	10/25/24 08:24	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	94085	10/25/24 12:18	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			94153	10/25/24 12:18	SM	EET MID
Total/NA	Analysis	8015 NM		1			94245	10/26/24 08:19	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	94079	10/25/24 07:36	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	94159	10/26/24 08:19	TKC	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	94100	10/25/24 09:20	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	94123	10/25/24 19:42	CH	EET MID

Client Sample ID: HA - 5
Lab Sample ID: 890-7309-24
Date Collected: 10/23/24 09:25
Matrix: Solid
Date Received: 10/24/24 15:20

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	94089	10/25/24 08:24	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	94085	10/25/24 12:38	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			94153	10/25/24 12:38	SM	EET MID

Lab Chronicle

Client: Earth Systems Response and Restoration
Project/Site: Nailed It Federal Com #222H

Job ID: 890-7309-1
SDG: 2302

Client Sample ID: HA - 5
Lab Sample ID: 890-7309-24
Date Collected: 10/23/24 09:25
Matrix: Solid
Date Received: 10/24/24 15:20

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			94245	10/25/24 18:11	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	94080	10/25/24 07:39	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	94161	10/25/24 18:11	TKC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	94100	10/25/24 09:20	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	94123	10/25/24 20:02	CH	EET MID

Client Sample ID: HA - 5
Lab Sample ID: 890-7309-25
Date Collected: 10/23/24 09:30
Matrix: Solid
Date Received: 10/24/24 15:20

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	94089	10/25/24 08:24	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	94085	10/25/24 12:59	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			94153	10/25/24 12:59	SM	EET MID
Total/NA	Analysis	8015 NM		1			94245	10/25/24 19:00	SM	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	94080	10/25/24 07:39	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	94161	10/25/24 19:00	TKC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	94100	10/25/24 09:20	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	94123	10/25/24 20:09	CH	EET MID

Client Sample ID: HA - 6
Lab Sample ID: 890-7309-26
Date Collected: 10/23/24 09:35
Matrix: Solid
Date Received: 10/24/24 15:20

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	94089	10/25/24 08:24	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	94085	10/25/24 13:19	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			94153	10/25/24 13:19	SM	EET MID
Total/NA	Analysis	8015 NM		1			94245	10/25/24 19:16	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	94080	10/25/24 07:39	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	94161	10/25/24 19:16	TKC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	94100	10/25/24 09:20	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	94123	10/25/24 20:16	CH	EET MID

Client Sample ID: HA - 6
Lab Sample ID: 890-7309-27
Date Collected: 10/23/24 09:40
Matrix: Solid
Date Received: 10/24/24 15:20

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	94089	10/25/24 08:24	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	94085	10/25/24 13:40	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			94153	10/25/24 13:40	SM	EET MID
Total/NA	Analysis	8015 NM		1			94245	10/25/24 19:32	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	94080	10/25/24 07:39	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	94161	10/25/24 19:32	TKC	EET MID

Lab Chronicle

Client: Earth Systems Response and Restoration
Project/Site: Nailed It Federal Com #222H

Job ID: 890-7309-1
SDG: 2302

Client Sample ID: HA - 6
Lab Sample ID: 890-7309-27
Date Collected: 10/23/24 09:40
Matrix: Solid
Date Received: 10/24/24 15:20

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			4.95 g	50 mL	94100	10/25/24 09:20	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	94123	10/25/24 20:23	CH	EET MID

Client Sample ID: HA - 6
Lab Sample ID: 890-7309-28
Date Collected: 10/23/24 09:45
Matrix: Solid
Date Received: 10/24/24 15:20

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	94089	10/25/24 08:24	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	94085	10/25/24 14:00	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			94153	10/25/24 14:00	SM	EET MID
Total/NA	Analysis	8015 NM		1			94245	10/25/24 19:48	SM	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	94080	10/25/24 07:39	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	94161	10/25/24 19:48	TKC	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	94100	10/25/24 09:20	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	94123	10/25/24 20:30	CH	EET MID

Client Sample ID: HA - 6
Lab Sample ID: 890-7309-29
Date Collected: 10/23/24 09:50
Matrix: Solid
Date Received: 10/24/24 15:20

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	94089	10/25/24 08:24	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	94085	10/25/24 14:20	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			94153	10/25/24 14:20	SM	EET MID
Total/NA	Analysis	8015 NM		1			94245	10/25/24 20:06	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	94080	10/25/24 07:39	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	94161	10/25/24 20:06	TKC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	94100	10/25/24 09:20	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	94123	10/25/24 20:36	CH	EET MID

Client Sample ID: HA - 6
Lab Sample ID: 890-7309-30
Date Collected: 10/23/24 09:55
Matrix: Solid
Date Received: 10/24/24 15:20

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	94089	10/25/24 08:24	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	94085	10/25/24 14:41	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			94153	10/25/24 14:41	SM	EET MID
Total/NA	Analysis	8015 NM		1			94245	10/25/24 20:22	SM	EET MID
Total/NA	Prep	8015NM Prep			10.08 g	10 mL	94080	10/25/24 07:39	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	94161	10/25/24 20:22	TKC	EET MID
Soluble	Leach	DI Leach			5.00 g	50 mL	94100	10/25/24 09:20	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	94123	10/25/24 20:43	CH	EET MID

Lab Chronicle

Client: Earth Systems Response and Restoration
Project/Site: Nailed It Federal Com #222H

Job ID: 890-7309-1
SDG: 2302

Client Sample ID: HA - 7
Lab Sample ID: 890-7309-31
Date Collected: 10/23/24 10:00
Matrix: Solid
Date Received: 10/24/24 15:20

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	94089	10/25/24 08:24	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	94085	10/25/24 16:15	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			94153	10/25/24 16:15	SM	EET MID
Total/NA	Analysis	8015 NM		1			94245	10/25/24 20:39	SM	EET MID
Total/NA	Prep	8015NM Prep			10.07 g	10 mL	94080	10/25/24 07:39	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	94161	10/25/24 20:39	TKC	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	94118	10/25/24 11:24	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	94137	10/25/24 21:38	CH	EET MID

Client Sample ID: HA - 7
Lab Sample ID: 890-7309-32
Date Collected: 10/23/24 10:05
Matrix: Solid
Date Received: 10/24/24 15:20

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	94089	10/25/24 08:24	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	94085	10/25/24 16:35	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			94153	10/25/24 16:35	SM	EET MID
Total/NA	Analysis	8015 NM		1			94245	10/25/24 20:55	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	94080	10/25/24 07:39	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	94161	10/25/24 20:55	TKC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	94118	10/25/24 11:24	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	94137	10/25/24 21:59	CH	EET MID

Client Sample ID: HA - 7
Lab Sample ID: 890-7309-33
Date Collected: 10/23/24 10:10
Matrix: Solid
Date Received: 10/24/24 15:20

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	94089	10/25/24 08:24	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	94085	10/25/24 16:56	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			94153	10/25/24 16:56	SM	EET MID
Total/NA	Analysis	8015 NM		1			94245	10/25/24 21:10	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	94080	10/25/24 07:39	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	94161	10/25/24 21:10	TKC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	94118	10/25/24 11:24	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	94137	10/25/24 22:06	CH	EET MID

Client Sample ID: HA - 7
Lab Sample ID: 890-7309-34
Date Collected: 10/23/24 10:15
Matrix: Solid
Date Received: 10/24/24 15:20

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	94089	10/25/24 08:24	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	94085	10/25/24 17:16	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			94153	10/25/24 17:16	SM	EET MID

Lab Chronicle

Client: Earth Systems Response and Restoration
Project/Site: Nailed It Federal Com #222H

Job ID: 890-7309-1
SDG: 2302

Client Sample ID: HA - 7
Lab Sample ID: 890-7309-34
Date Collected: 10/23/24 10:15
Matrix: Solid
Date Received: 10/24/24 15:20

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			94245	10/25/24 21:43	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	94080	10/25/24 07:39	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	94161	10/25/24 21:43	TKC	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	94118	10/25/24 11:24	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	94137	10/25/24 22:12	CH	EET MID

Client Sample ID: HA - 7
Lab Sample ID: 890-7309-35
Date Collected: 10/23/24 10:20
Matrix: Solid
Date Received: 10/24/24 15:20

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	94089	10/25/24 08:24	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	94085	10/25/24 17:36	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			94153	10/25/24 17:36	SM	EET MID
Total/NA	Analysis	8015 NM		1			94245	10/25/24 21:59	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	94080	10/25/24 07:39	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	94161	10/25/24 21:59	TKC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	94118	10/25/24 11:24	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	94137	10/25/24 22:19	CH	EET MID

Client Sample ID: HA - 8
Lab Sample ID: 890-7309-36
Date Collected: 10/23/24 10:25
Matrix: Solid
Date Received: 10/24/24 15:20

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	94089	10/25/24 08:24	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	94085	10/25/24 17:57	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			94153	10/25/24 17:57	SM	EET MID
Total/NA	Analysis	8015 NM		1			94245	10/25/24 22:15	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	94080	10/25/24 07:39	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	94161	10/25/24 22:15	TKC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	94118	10/25/24 11:24	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	94137	10/25/24 22:40	CH	EET MID

Client Sample ID: HA - 8
Lab Sample ID: 890-7309-37
Date Collected: 10/23/24 10:30
Matrix: Solid
Date Received: 10/24/24 15:20

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	94089	10/25/24 08:24	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	94085	10/25/24 18:17	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			94153	10/25/24 18:17	SM	EET MID
Total/NA	Analysis	8015 NM		1			94245	10/25/24 22:31	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	94080	10/25/24 07:39	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	94161	10/25/24 22:31	TKC	EET MID

Lab Chronicle

Client: Earth Systems Response and Restoration
Project/Site: Nailed It Federal Com #222H

Job ID: 890-7309-1
SDG: 2302

Client Sample ID: HA - 8
Lab Sample ID: 890-7309-37
Date Collected: 10/23/24 10:30
Matrix: Solid
Date Received: 10/24/24 15:20

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			4.96 g	50 mL	94118	10/25/24 11:24	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	94137	10/25/24 22:47	CH	EET MID

Client Sample ID: HA - 8
Lab Sample ID: 890-7309-38
Date Collected: 10/23/24 10:35
Matrix: Solid
Date Received: 10/24/24 15:20

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	94089	10/25/24 08:24	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	94085	10/25/24 18:38	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			94153	10/25/24 18:38	SM	EET MID
Total/NA	Analysis	8015 NM		1			94245	10/25/24 22:49	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	94080	10/25/24 07:39	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	94161	10/25/24 22:49	TKC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	94118	10/25/24 11:24	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	94137	10/25/24 22:54	CH	EET MID

Client Sample ID: HA - 8
Lab Sample ID: 890-7309-39
Date Collected: 10/23/24 10:40
Matrix: Solid
Date Received: 10/24/24 15:20

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	94089	10/25/24 08:24	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	94085	10/25/24 18:58	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			94153	10/25/24 18:58	SM	EET MID
Total/NA	Analysis	8015 NM		1			94245	10/25/24 23:05	SM	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	94080	10/25/24 07:39	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	94161	10/25/24 23:05	TKC	EET MID
Soluble	Leach	DI Leach			5.00 g	50 mL	94118	10/25/24 11:24	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	94137	10/25/24 23:00	CH	EET MID

Client Sample ID: HA - 8
Lab Sample ID: 890-7309-40
Date Collected: 10/23/24 10:45
Matrix: Solid
Date Received: 10/24/24 15:20

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	94089	10/25/24 08:24	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	94085	10/25/24 19:18	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			94153	10/25/24 19:18	SM	EET MID
Total/NA	Analysis	8015 NM		1			94245	10/25/24 23:22	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	94080	10/25/24 07:39	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	94161	10/25/24 23:22	TKC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	94118	10/25/24 11:24	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	94137	10/25/24 23:07	CH	EET MID

Lab Chronicle

Client: Earth Systems Response and Restoration
Project/Site: Nailed It Federal Com #222H

Job ID: 890-7309-1
SDG: 2302

Client Sample ID: HA - 9
Lab Sample ID: 890-7309-41
Date Collected: 10/23/24 10:50
Matrix: Solid
Date Received: 10/24/24 15:20

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	94090	10/25/24 08:25	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	94084	10/25/24 11:41	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			94153	10/25/24 11:41	SM	EET MID
Total/NA	Analysis	8015 NM		1			94245	10/25/24 23:38	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	94080	10/25/24 07:39	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	94161	10/25/24 23:38	TKC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	94118	10/25/24 11:24	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	94137	10/25/24 23:14	CH	EET MID

Client Sample ID: HA - 9
Lab Sample ID: 890-7309-42
Date Collected: 10/23/24 10:55
Matrix: Solid
Date Received: 10/24/24 15:20

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	94090	10/25/24 08:25	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	94084	10/25/24 12:01	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			94153	10/25/24 12:01	SM	EET MID
Total/NA	Analysis	8015 NM		1			94245	10/25/24 23:54	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	94080	10/25/24 07:39	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	94161	10/25/24 23:54	TKC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	94118	10/25/24 11:24	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	94137	10/25/24 23:35	CH	EET MID

Client Sample ID: HA - 9
Lab Sample ID: 890-7309-43
Date Collected: 10/23/24 11:00
Matrix: Solid
Date Received: 10/24/24 15:20

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	94090	10/25/24 08:25	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	94084	10/25/24 12:22	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			94153	10/25/24 12:22	SM	EET MID
Total/NA	Analysis	8015 NM		1			94245	10/26/24 00:10	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	94080	10/25/24 07:39	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	94161	10/26/24 00:10	TKC	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	94118	10/25/24 11:24	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	94137	10/25/24 23:42	CH	EET MID

Client Sample ID: HA - 9
Lab Sample ID: 890-7309-44
Date Collected: 10/23/24 11:05
Matrix: Solid
Date Received: 10/24/24 15:20

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	94090	10/25/24 08:25	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	94084	10/25/24 12:42	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			94153	10/25/24 12:42	SM	EET MID

Lab Chronicle

Client: Earth Systems Response and Restoration
Project/Site: Nailed It Federal Com #222H

Job ID: 890-7309-1
SDG: 2302

Client Sample ID: HA - 9
Date Collected: 10/23/24 11:05
Date Received: 10/24/24 15:20

Lab Sample ID: 890-7309-44
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			94245	10/26/24 02:21	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	94081	10/25/24 07:41	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	94161	10/26/24 02:21	TKC	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	94118	10/25/24 11:24	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	94137	10/26/24 00:02	CH	EET MID

Client Sample ID: HA - 9
Date Collected: 10/23/24 11:10
Date Received: 10/24/24 15:20

Lab Sample ID: 890-7309-45
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	94090	10/25/24 08:25	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	94084	10/25/24 13:03	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			94153	10/25/24 13:03	SM	EET MID
Total/NA	Analysis	8015 NM		1			94245	10/26/24 03:12	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	94081	10/25/24 07:41	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	94161	10/26/24 03:12	TKC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	94118	10/25/24 11:24	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	94137	10/26/24 00:09	CH	EET MID

Client Sample ID: HA - 10
Date Collected: 10/23/24 11:15
Date Received: 10/24/24 15:20

Lab Sample ID: 890-7309-46
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	94090	10/25/24 08:25	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	94084	10/25/24 13:23	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			94153	10/25/24 13:23	SM	EET MID
Total/NA	Analysis	8015 NM		1			94245	10/26/24 03:28	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	94081	10/25/24 07:41	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	94161	10/26/24 03:28	TKC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	94118	10/25/24 11:24	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	94137	10/26/24 00:16	CH	EET MID

Client Sample ID: HA - 10
Date Collected: 10/23/24 11:20
Date Received: 10/24/24 15:20

Lab Sample ID: 890-7309-47
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	94090	10/25/24 08:25	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	94084	10/25/24 13:44	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			94153	10/25/24 13:44	SM	EET MID
Total/NA	Analysis	8015 NM		1			94245	10/26/24 03:44	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	94081	10/25/24 07:41	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	94161	10/26/24 03:44	TKC	EET MID

Lab Chronicle

Client: Earth Systems Response and Restoration
Project/Site: Nailed It Federal Com #222H

Job ID: 890-7309-1
SDG: 2302

Client Sample ID: HA - 10
Lab Sample ID: 890-7309-47
Date Collected: 10/23/24 11:20
Matrix: Solid
Date Received: 10/24/24 15:20

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.02 g	50 mL	94118	10/25/24 11:24	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	94137	10/26/24 00:23	CH	EET MID

Client Sample ID: HA - 10
Lab Sample ID: 890-7309-48
Date Collected: 10/23/24 11:25
Matrix: Solid
Date Received: 10/24/24 15:20

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	94090	10/25/24 08:25	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	94084	10/25/24 14:04	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			94153	10/25/24 14:04	SM	EET MID
Total/NA	Analysis	8015 NM		1			94245	10/26/24 04:01	SM	EET MID
Total/NA	Prep	8015NM Prep			10.07 g	10 mL	94081	10/25/24 07:41	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	94161	10/26/24 04:01	TKC	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	94118	10/25/24 11:24	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	94137	10/26/24 00:30	CH	EET MID

Client Sample ID: HA - 10
Lab Sample ID: 890-7309-49
Date Collected: 10/23/24 11:30
Matrix: Solid
Date Received: 10/24/24 15:20

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	94090	10/25/24 08:25	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	94084	10/25/24 14:25	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			94153	10/25/24 14:25	SM	EET MID
Total/NA	Analysis	8015 NM		1			94245	10/26/24 04:17	SM	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10 mL	94081	10/25/24 07:41	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	94161	10/26/24 04:17	TKC	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	94118	10/25/24 11:24	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	94137	10/26/24 00:37	CH	EET MID

Client Sample ID: HA - 10
Lab Sample ID: 890-7309-50
Date Collected: 10/23/24 11:35
Matrix: Solid
Date Received: 10/24/24 15:20

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	94090	10/25/24 08:25	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	94084	10/25/24 14:45	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			94153	10/25/24 14:45	SM	EET MID
Total/NA	Analysis	8015 NM		1			94245	10/26/24 04:34	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	94081	10/25/24 07:41	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	94161	10/26/24 04:34	TKC	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	94118	10/25/24 11:24	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	94137	10/26/24 00:43	CH	EET MID

Lab Chronicle

Client: Earth Systems Response and Restoration
Project/Site: Nailed It Federal Com #222H

Job ID: 890-7309-1
SDG: 2302

Client Sample ID: HA - 11
Lab Sample ID: 890-7309-51
Date Collected: 10/23/24 11:40
Matrix: Solid
Date Received: 10/24/24 15:20

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	94090	10/25/24 08:25	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	94084	10/25/24 16:20	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			94153	10/25/24 16:20	SM	EET MID
Total/NA	Analysis	8015 NM		1			94245	10/26/24 04:50	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	94081	10/25/24 07:41	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	94161	10/26/24 04:50	TKC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	94119	10/25/24 11:26	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	94138	10/25/24 20:40	CH	EET MID

Client Sample ID: HA - 11
Lab Sample ID: 890-7309-52
Date Collected: 10/23/24 11:45
Matrix: Solid
Date Received: 10/24/24 15:20

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	94090	10/25/24 08:25	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	94084	10/25/24 16:40	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			94153	10/25/24 16:40	SM	EET MID
Total/NA	Analysis	8015 NM		1			94245	10/26/24 05:07	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	94081	10/25/24 07:41	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	94161	10/26/24 05:07	TKC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	94119	10/25/24 11:26	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	94138	10/25/24 20:55	CH	EET MID

Client Sample ID: HA - 11
Lab Sample ID: 890-7309-53
Date Collected: 10/23/24 11:50
Matrix: Solid
Date Received: 10/24/24 15:20

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	94090	10/25/24 08:25	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	94084	10/25/24 17:01	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			94153	10/25/24 17:01	SM	EET MID
Total/NA	Analysis	8015 NM		1			94245	10/26/24 05:23	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	94081	10/25/24 07:41	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	94161	10/26/24 05:23	TKC	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	94119	10/25/24 11:26	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	94138	10/25/24 20:59	CH	EET MID

Client Sample ID: HA - 11
Lab Sample ID: 890-7309-54
Date Collected: 10/23/24 11:55
Matrix: Solid
Date Received: 10/24/24 15:20

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	94090	10/25/24 08:25	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	94084	10/25/24 17:21	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			94153	10/25/24 17:21	SM	EET MID

Lab Chronicle

Client: Earth Systems Response and Restoration
Project/Site: Nailed It Federal Com #222H

Job ID: 890-7309-1
SDG: 2302

Client Sample ID: HA - 11
Date Collected: 10/23/24 11:55
Date Received: 10/24/24 15:20

Lab Sample ID: 890-7309-54
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			94245	10/26/24 05:55	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	94081	10/25/24 07:41	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	94161	10/26/24 05:55	TKC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	94119	10/25/24 11:26	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	94138	10/25/24 21:04	CH	EET MID

Client Sample ID: HA - 11
Date Collected: 10/23/24 12:00
Date Received: 10/24/24 15:20

Lab Sample ID: 890-7309-55
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	94090	10/25/24 08:25	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	94084	10/25/24 17:42	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			94153	10/25/24 17:42	SM	EET MID
Total/NA	Analysis	8015 NM		1			94245	10/26/24 06:11	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	94081	10/25/24 07:41	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	94161	10/26/24 06:11	TKC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	94119	10/25/24 11:26	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	94138	10/25/24 21:09	CH	EET MID

Client Sample ID: HA - 12
Date Collected: 10/23/24 12:05
Date Received: 10/24/24 15:20

Lab Sample ID: 890-7309-56
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	94090	10/25/24 08:25	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	94084	10/25/24 18:02	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			94153	10/25/24 18:02	SM	EET MID
Total/NA	Analysis	8015 NM		1			94245	10/26/24 06:28	SM	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10 mL	94081	10/25/24 07:41	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	94161	10/26/24 06:28	TKC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	94119	10/25/24 11:26	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	94138	10/25/24 21:23	CH	EET MID

Client Sample ID: HA - 12
Date Collected: 10/23/24 12:10
Date Received: 10/24/24 15:20

Lab Sample ID: 890-7309-57
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	94090	10/25/24 08:25	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	94084	10/25/24 18:23	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			94153	10/25/24 18:23	SM	EET MID
Total/NA	Analysis	8015 NM		1			94245	10/26/24 06:44	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	94081	10/25/24 07:41	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	94161	10/26/24 06:44	TKC	EET MID

Lab Chronicle

Client: Earth Systems Response and Restoration
Project/Site: Nailed It Federal Com #222H

Job ID: 890-7309-1
SDG: 2302

Client Sample ID: HA - 12
Date Collected: 10/23/24 12:10
Date Received: 10/24/24 15:20

Lab Sample ID: 890-7309-57
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.02 g	50 mL	94119	10/25/24 11:26	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	94138	10/25/24 21:28	CH	EET MID

Client Sample ID: HA - 12
Date Collected: 10/23/24 12:15
Date Received: 10/24/24 15:20

Lab Sample ID: 890-7309-58
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	94090	10/25/24 08:25	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	94084	10/25/24 18:43	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			94153	10/25/24 18:43	SM	EET MID
Total/NA	Analysis	8015 NM		1			94245	10/26/24 06:59	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	94081	10/25/24 07:41	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	94161	10/26/24 06:59	TKC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	94119	10/25/24 11:26	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	94138	10/25/24 21:33	CH	EET MID

Client Sample ID: HA - 12
Date Collected: 10/23/24 12:20
Date Received: 10/24/24 15:20

Lab Sample ID: 890-7309-59
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	94090	10/25/24 08:25	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	94084	10/25/24 19:04	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			94153	10/25/24 19:04	SM	EET MID
Total/NA	Analysis	8015 NM		1			94245	10/26/24 07:16	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	94081	10/25/24 07:41	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	94161	10/26/24 07:16	TKC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	94119	10/25/24 11:26	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	94138	10/25/24 21:38	CH	EET MID

Client Sample ID: HA - 12
Date Collected: 10/23/24 12:25
Date Received: 10/24/24 15:20

Lab Sample ID: 890-7309-60
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	94090	10/25/24 08:25	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	94084	10/25/24 19:24	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			94153	10/25/24 19:24	SM	EET MID
Total/NA	Analysis	8015 NM		1			94245	10/26/24 07:31	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	94081	10/25/24 07:41	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	94161	10/26/24 07:31	TKC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	94119	10/25/24 11:26	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	94138	10/25/24 21:43	CH	EET MID

Lab Chronicle

Client: Earth Systems Response and Restoration
Project/Site: Nailed It Federal Com #222H

Job ID: 890-7309-1
SDG: 2302

Client Sample ID: HA - 13
Date Collected: 10/23/24 12:30
Date Received: 10/24/24 15:20

Lab Sample ID: 890-7309-61
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	94091	10/25/24 08:26	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	93912	10/25/24 12:06	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			94153	10/25/24 12:06	SM	EET MID
Total/NA	Analysis	8015 NM		1			94245	10/26/24 07:47	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	94081	10/25/24 07:41	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	94161	10/26/24 07:47	TKC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	94119	10/25/24 11:26	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	94138	10/25/24 21:47	CH	EET MID

Client Sample ID: HA - 13
Date Collected: 10/23/24 12:35
Date Received: 10/24/24 15:20

Lab Sample ID: 890-7309-62
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	94091	10/25/24 08:26	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	93912	10/25/24 12:26	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			94153	10/25/24 12:26	SM	EET MID
Total/NA	Analysis	8015 NM		1			94245	10/26/24 08:03	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	94081	10/25/24 07:41	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	94161	10/26/24 08:03	TKC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	94119	10/25/24 11:26	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	94138	10/25/24 22:02	CH	EET MID

Client Sample ID: HA - 13
Date Collected: 10/23/24 12:40
Date Received: 10/24/24 15:20

Lab Sample ID: 890-7309-63
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	94091	10/25/24 08:26	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	93912	10/25/24 12:46	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			94153	10/25/24 12:46	SM	EET MID
Total/NA	Analysis	8015 NM		1			94245	10/26/24 08:19	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	94081	10/25/24 07:41	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	94161	10/26/24 08:19	TKC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	94119	10/25/24 11:26	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	94138	10/25/24 22:07	CH	EET MID

Client Sample ID: HA - 13
Date Collected: 10/23/24 12:45
Date Received: 10/24/24 15:20

Lab Sample ID: 890-7309-64
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	94091	10/25/24 08:26	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	93912	10/25/24 13:07	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			94153	10/25/24 13:07	SM	EET MID

Lab Chronicle

Client: Earth Systems Response and Restoration
Project/Site: Nailed It Federal Com #222H

Job ID: 890-7309-1
SDG: 2302

Client Sample ID: HA - 13

Lab Sample ID: 890-7309-64
Date Collected: 10/23/24 12:45
Matrix: Solid
Date Received: 10/24/24 15:20

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			94245	10/28/24 16:56	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	94082	10/25/24 07:44	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	94256	10/28/24 16:56	TKC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	94119	10/25/24 11:26	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	94138	10/25/24 22:21	CH	EET MID

Client Sample ID: HA - 13

Lab Sample ID: 890-7309-65
Date Collected: 10/23/24 12:50
Matrix: Solid
Date Received: 10/24/24 15:20

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	94091	10/25/24 08:26	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	93912	10/25/24 13:27	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			94153	10/25/24 13:27	SM	EET MID
Total/NA	Analysis	8015 NM		1			94245	10/28/24 18:51	SM	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10 mL	94082	10/25/24 07:44	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	94256	10/28/24 18:51	TKC	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	94119	10/25/24 11:26	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	94138	10/25/24 22:26	CH	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: 890-7309-1
Project/Site: Nailed It Federal Com #222H
SDG: 2302

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	06-30-25

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: Nailed It Federal Com #222H

Job ID: 890-7309-1
SDG: 2302

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: Nailed It Federal Com #222H

Job ID: 890-7309-1
SDG: 2302

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Depth
890-7309-1	HA - 1	Solid	10/23/24 07:30	10/24/24 15:20	0.5
890-7309-2	HA - 1	Solid	10/23/24 07:35	10/24/24 15:20	1
890-7309-3	HA - 1	Solid	10/23/24 07:40	10/24/24 15:20	2
890-7309-4	HA - 1	Solid	10/23/24 07:45	10/24/24 15:20	3
890-7309-5	HA - 1	Solid	10/23/24 07:50	10/24/24 15:20	4
890-7309-6	HA - 2	Solid	10/23/24 07:55	10/24/24 15:20	0.5
890-7309-7	HA - 2	Solid	10/23/24 08:00	10/24/24 15:20	1
890-7309-8	HA - 2	Solid	10/23/24 08:05	10/24/24 15:20	2
890-7309-9	HA - 2	Solid	10/23/24 08:10	10/24/24 15:20	3
890-7309-10	HA - 2	Solid	10/23/24 08:15	10/24/24 15:20	4
890-7309-11	HA - 3	Solid	10/23/24 08:20	10/24/24 15:20	0.5
890-7309-12	HA - 3	Solid	10/23/24 08:25	10/24/24 15:20	1
890-7309-13	HA - 3	Solid	10/23/24 08:30	10/24/24 15:20	2
890-7309-14	HA - 3	Solid	10/23/24 08:35	10/24/24 15:20	3
890-7309-15	HA - 3	Solid	10/23/24 08:40	10/24/24 15:20	4
890-7309-16	HA - 4	Solid	10/23/24 08:45	10/24/24 15:20	0.5
890-7309-17	HA - 4	Solid	10/23/24 08:50	10/24/24 15:20	1
890-7309-18	HA - 4	Solid	10/23/24 08:55	10/24/24 15:20	2
890-7309-19	HA - 4	Solid	10/23/24 09:00	10/24/24 15:20	3
890-7309-20	HA - 4	Solid	10/23/24 09:05	10/24/24 15:20	4
890-7309-21	HA - 5	Solid	10/23/24 09:10	10/24/24 15:20	0.5
890-7309-22	HA - 5	Solid	10/23/24 09:15	10/24/24 15:20	1
890-7309-23	HA - 5	Solid	10/23/24 09:20	10/24/24 15:20	2
890-7309-24	HA - 5	Solid	10/23/24 09:25	10/24/24 15:20	3
890-7309-25	HA - 5	Solid	10/23/24 09:30	10/24/24 15:20	4
890-7309-26	HA - 6	Solid	10/23/24 09:35	10/24/24 15:20	0.5
890-7309-27	HA - 6	Solid	10/23/24 09:40	10/24/24 15:20	1
890-7309-28	HA - 6	Solid	10/23/24 09:45	10/24/24 15:20	2
890-7309-29	HA - 6	Solid	10/23/24 09:50	10/24/24 15:20	3
890-7309-30	HA - 6	Solid	10/23/24 09:55	10/24/24 15:20	4
890-7309-31	HA - 7	Solid	10/23/24 10:00	10/24/24 15:20	0.5
890-7309-32	HA - 7	Solid	10/23/24 10:05	10/24/24 15:20	1
890-7309-33	HA - 7	Solid	10/23/24 10:10	10/24/24 15:20	2
890-7309-34	HA - 7	Solid	10/23/24 10:15	10/24/24 15:20	3
890-7309-35	HA - 7	Solid	10/23/24 10:20	10/24/24 15:20	4
890-7309-36	HA - 8	Solid	10/23/24 10:25	10/24/24 15:20	0.5
890-7309-37	HA - 8	Solid	10/23/24 10:30	10/24/24 15:20	1
890-7309-38	HA - 8	Solid	10/23/24 10:35	10/24/24 15:20	2
890-7309-39	HA - 8	Solid	10/23/24 10:40	10/24/24 15:20	3
890-7309-40	HA - 8	Solid	10/23/24 10:45	10/24/24 15:20	4
890-7309-41	HA - 9	Solid	10/23/24 10:50	10/24/24 15:20	0.5
890-7309-42	HA - 9	Solid	10/23/24 10:55	10/24/24 15:20	1
890-7309-43	HA - 9	Solid	10/23/24 11:00	10/24/24 15:20	2
890-7309-44	HA - 9	Solid	10/23/24 11:05	10/24/24 15:20	3
890-7309-45	HA - 9	Solid	10/23/24 11:10	10/24/24 15:20	4
890-7309-46	HA - 10	Solid	10/23/24 11:15	10/24/24 15:20	0.5
890-7309-47	HA - 10	Solid	10/23/24 11:20	10/24/24 15:20	1
890-7309-48	HA - 10	Solid	10/23/24 11:25	10/24/24 15:20	2
890-7309-49	HA - 10	Solid	10/23/24 11:30	10/24/24 15:20	3
890-7309-50	HA - 10	Solid	10/23/24 11:35	10/24/24 15:20	4
890-7309-51	HA - 11	Solid	10/23/24 11:40	10/24/24 15:20	0.5
890-7309-52	HA - 11	Solid	10/23/24 11:45	10/24/24 15:20	1
890-7309-53	HA - 11	Solid	10/23/24 11:50	10/24/24 15:20	2
890-7309-54	HA - 11	Solid	10/23/24 11:55	10/24/24 15:20	3

Sample Summary

Client: Earth Systems Response and Restoration
Project/Site: Nailed It Federal Com #222H

Job ID: 890-7309-1
SDG: 2302

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Depth
890-7309-55	HA - 11	Solid	10/23/24 12:00	10/24/24 15:20	4
890-7309-56	HA - 12	Solid	10/23/24 12:05	10/24/24 15:20	0.5
890-7309-57	HA - 12	Solid	10/23/24 12:10	10/24/24 15:20	1
890-7309-58	HA - 12	Solid	10/23/24 12:15	10/24/24 15:20	2
890-7309-59	HA - 12	Solid	10/23/24 12:20	10/24/24 15:20	3
890-7309-60	HA - 12	Solid	10/23/24 12:25	10/24/24 15:20	4
890-7309-61	HA - 13	Solid	10/23/24 12:30	10/24/24 15:20	0.5
890-7309-62	HA - 13	Solid	10/23/24 12:35	10/24/24 15:20	1
890-7309-63	HA - 13	Solid	10/23/24 12:40	10/24/24 15:20	2
890-7309-64	HA - 13	Solid	10/23/24 12:45	10/24/24 15:20	3
890-7309-65	HA - 13	Solid	10/23/24 12:50	10/24/24 15:20	4

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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

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Work Order No: _____

Page 1 of 8

10/29/2024

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

Work Order Comments

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

State of Project:

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

Deliverables: EDD ☐ ADaPT ☐ Other:

Project Name:	Nailed It Federal Com #222H	**Turn Around**	
Project Number:	2302	☑ Routine ☐ Rush	
Project Location:	Eddy County, NM	Due Date:	5 Day TAT
Sampler's Name:	Gilbert Moreno	TAT starts the day received by the lab, if received by 4:30pm	
PO #:			

SAMPLE RECEIPT	Temp Blank:	Yes No	Wet Ice:	Yes No
Samples Received Intact:	Yes No		Thermometer ID:	TNM007
Cooler Custody Seals:	Yes No N/A		Correction Factor:	-0.2
Sample Custody Seals:	Yes No N/A		Temperature Reading:	-4.8
Total Containers:			Corrected Temperature:	-4.6

ANALYSIS REQUEST

890-7309 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	TPH	Chloride	BTEX	Hold	Sample Comments
						Pres. Code					**Incident Number**
HA-1	S	10.23.24	7:30	0.5	Grab/	1	X	X	X		nAPP2135134919
HA-1	S	10.23.24	7:35	1	Grab/	1	X	X	X		
HA-1	S	10.23.24	7:40	2	Grab/	1	X	X	X		
HA-1	S	10.23.24	7:45	3	Grab/	1	X	X	X		
HA-1	S	10.23.24	7:50	4	Grab/	1	X	X	X		
HA-2	S	10.23.24	7:55	0.5	Grab/	1	X	X	X		
HA-2	S	10.23.24	8:00	1	Grab/	1	X	X	X		
HA-2	S	10.23.24	8:05	2	Grab/	1	X	X	X		
HA-2	S	10.23.24	8:10	3	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

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Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
0 [signature]	[signature]	10/24 15 20	2		
3			4		
5			6		

Revised Date: 08/25/2020 Rev. 2020.2

Received by OCD: 4/11/2025 10:08:58 AM

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Hobbs, NM (575) 392-7550, Carlsbad, NM (575) 988-3199

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Work Order No: _____

10/29/2024

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

Work Order Comments

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

Project Name:	Nailed It Federal Com #222H	Turn Around	
Project Number:	2302	☑ Routine ☐ Rush	
Project Location:	Eddy County, NM	Due Date:	5 Day TAT
Sampler's Name:	Gilbert Moreno	TAT starts the day received by the lab, if received by 4:30pm	
PO #:			

SAMPLE RECEIPT			
Temp Blank:	Yes No	Wet Ice:	Yes No
Samples Received Intact:	Yes No	Thermometer ID:	TMN007
Cooler Custody Seals:	Yes No N/A	Correction Factor:	-0.2
Sample Custody Seals:	Yes No N/A	Temperature Reading:	-4.8
Total Containers:		Corrected Temperature:	-4.6

Preservative Codes

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

ANALYSIS REQUEST (Parameters)

Sample Identification	Matrix	Date Sampled	Time Sampled	Depth (feet)	Grab/ Comp	# of Cont	TPH	Chloride	BTEX	Hold	Sample Comments
HA-2	S	10.23.24	8:15	4	Grab/	1	X	X	X		Incident Number
HA-3	S	10.23.24	8:20	0.5	Grab/	1	X	X	X		nAPP2135134919
HA-3	S	10.23.24	8:25	1	Grab/	1	X	X	X		
HA-3	S	10.23.24	8:30	2	Grab/	1	X	X	X		
HA-3	S	10.23.24	8:35	3	Grab/	1	X	X	X		
HA-3	S	10.23.24	8:40	4	Grab/	1	X	X	X		
HA-4	S	10.23.24	8:45	0.5	Grab/	1	X	X	X		
HA-4	S	10.23.24	8:50	1	Grab/	1	X	X	X		
HA-4	S	10.23.24	8:55	2	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

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Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
0 [signature]	[signature]	10/24 1520	2		
3			4		
5			6		

Revised Date: 08/25/2020 Rev. 2020.2

Received by OCD: 4/11/2025 10:08:58 AM

Released to Imaging: 5/15/2025 11:36:01 AM

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Work Order No: _____

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10/29/2024

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

Work Order Comments

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

Project Name:	Nailed It Federal Com #222H	Turn Around	
Project Number:	2302	☑ Routine ☐ Rush	
Project Location:	Eddy County, NM	Due Date:	5 Day TAT
Sampler's Name:	Gilbert Moreno	TAT starts the day received by the lab, if received by 4:30pm	
PO #:			

SAMPLE RECEIPT			
Temp Blank:	Yes No	Wet Ice:	Yes No
Samples Received Intact:	Yes No	Thermometer ID:	TN100T
Cooler Custody Seals:	Yes No N/A	Correction Factor:	-0.2
Sample Custody Seals:	Yes No N/A	Temperature Reading:	-4.8
Total Containers:		Corrected Temperature:	-4.6

Preservative Codes

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

Sample Identification	Matrix	Date Sampled	Time Sampled	Depth (feet)	Grab/ Comp	# of Cont	TPH	Chloride	BTEX	Hold	Sample Comments
HA-4	S	10.23.24	9:00	3	Grab/	1	X	X	X		Incident Number
HA-4	S	10.23.24	9:05	4	Grab/	1	X	X	X		nAPP2135134919
HA-5	S	10.23.24	9:10	0.5	Grab/	1	X	X	X		
HA-5	S	10.23.24	9:15	1	Grab/	1	X	X	X		
HA-5	S	10.23.24	9:20	2	Grab/	1	X	X	X		
HA-5	S	10.23.24	9:25	3	Grab/	1	X	X	X		
HA-5	S	10.23.24	9:30	4	Grab/	1	X	X	X		
HA-6	S	10.23.24	9:35	0.5	Grab/	1	X	X	X		
HA-6	S	10.23.24	9:40	1	Grab/	1	X	X	X		

Total 200.7 / 6010 200.8 / 6020: 8RCRA 13PPM Texas 11 Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO_2 Na Sr Tl Sn U V Zn
Circle Method(s) and Metal(s) to be analyzed
Hg: 1631 / 245.1 / 7470 / 7471

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Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
0		10/24 1525			
3			4		
5			6		

Revised Date: 08/25/2020 Rev. 2020.2

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Work Order No: _____

10/29/2024

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

Work Order Comments

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

Project Name:	Nailed It Federal Com #222H	**Turn Around**	
Project Number:	2302	☑ Routine ☐ Rush	
Project Location:	Eddy County, NM	Due Date:	5 Day TAT
Sampler's Name:	Gilbert Moreno	TAT starts the day received by the lab, if received by 4:30pm	
PO #:			

SAMPLE RECEIPT	Temp Blank: Yes No	Wet Ice: Yes No
Samples Received Intact:	Yes No	Thermometer ID: TM#667
Cooler Custody Seals:	Yes No N/A	Correction Factor: -0.8
Sample Custody Seals:	Yes No N/A	Temperature Reading: -4.8
Total Containers:		Corrected Temperature: -4.6

ANALYSIS REQUEST

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	Chloride	BTEX	Hold	Sample Comments
HA-6	S	10.23.24	9:45	2	Grab/	1	X	X	X		Incident Number
HA-6	S	10.23.24	9:50	3	Grab/	1	X	X	X		nAPP2135134919
HA-6	S	10.23.24	9:55	4	Grab/	1	X	X	X		
HA-7	S	10.23.24	10:00	0.5	Grab/	1	X	X	X		
HA-7	S	10.23.24	10:05	1	Grab/	1	X	X	X		
HA-7	S	10.23.24	10:10	2	Grab/	1	X	X	X		
HA-7	S	10.23.24	10:15	3	Grab/	1	X	X	X		
HA-7	S	10.23.24	10:20	4	Grab/	1	X	X	X		
HA-8	S	10.23.24	10:25	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

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0 [signature]	[signature]	10/24 1524	2		
3			4		
5			6		

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Hobbs, NM (575) 392-7550, Carlsbad, NM (575) 988-3199

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Work Order No: _____

10/29/2024

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

Work Order Comments

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

Project Name:	Nailed It Federal Com #222H	Turn Around	
Project Number:	2302	☑ Routine ☐ Rush	
Project Location:	Eddy County, NM	Due Date:	5 Day TAT
Sampler's Name:	Gilbert Moreno	TAT starts the day received by the lab, if received by 4:30pm	
PO #:			

SAMPLE RECEIPT			
Temp Blank:	Yes No	Wet Ice:	Yes No
Samples Received Intact:	Yes No	Thermometer ID:	TN-006
Cooler Custody Seals:	Yes No N/A	Correction Factor:	-0.2
Sample Custody Seals:	Yes No N/A	Temperature Reading:	-4.8
Total Containers:		Corrected Temperature:	-4.6

Preservative Codes

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

Sample Identification	Matrix	Date Sampled	Time Sampled	Depth (feet)	Grab/ Comp	# of Cont	TPH	Chloride	BTEX	Hold	Sample Comments
HA-8	S	10.23.24	10:30	1	Grab/	1	X	X	X		Incident Number
HA-8	S	10.23.24	10:35	2	Grab/	1	X	X	X		nAPP2135134919
HA-8	S	10.23.24	10:40	3	Grab/	1	X	X	X		
HA-8	S	10.23.24	10:45	4	Grab/	1	X	X	X		
HA-9	S	10.23.24	10:50	0.5	Grab/	1	X	X	X		
HA-9	S	10.23.24	10:55	1	Grab/	1	X	X	X		
HA-9	S	10.23.24	11:00	2	Grab/	1	X	X	X		
HA-9	S	10.23.24	11:05	3	Grab/	1	X	X	X		
HA-9	S	10.23.24	11:10	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

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0 [signature]	[signature]	10/24 1520	2		
3			4		
5			6		

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Work Order No: _____

10/29/2024

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

Work Order Comments

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

Project Name:	Nailed It Federal Com #222H	Turn Around	
Project Number:	2302	☑ Routine ☐ Rush	
Project Location:	Eddy County, NM	Due Date:	5 Day TAT
Sampler's Name:	Gilbert Moreno	TAT starts the day received by the lab, if received by 4:30pm	
PO #:			

SAMPLE RECEIPT			
Temp Blank:	Yes No	Wet Ice:	Yes No
Samples Received Intact:	Yes No	Thermometer ID:	TN#007
Cooler Custody Seals:	Yes No N/A	Correction Factor:	-0.2
Sample Custody Seals:	Yes No N/A	Temperature Reading:	-4.8
Total Containers:		Corrected Temperature:	-4.6

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

ANALYSIS REQUEST (Parameters; Pres. Code)

Sample Identification	Matrix	Date Sampled	Time Sampled	Depth (feet)	Grab/ Comp	# of Cont	TPH	Chloride	BTEX	Hold	Sample Comments
HA-10	S	10.23.24	11:15	0.5	Grab/	1	X	X	X		Incident Number
HA-10	S	10.23.24	11:20	1	Grab/	1	X	X	X		nAPP2135134919
HA-10	S	10.23.24	11:25	2	Grab/	1	X	X	X		
HA-10	S	10.23.24	11:30	3	Grab/	1	X	X	X		
HA-10	S	10.23.24	11:35	4	Grab/	1	X	X	X		
HA-11	S	10.23.24	11:40	0.5	Grab/	1	X	X	X		
HA-11	S	10.23.24	11:45	1	Grab/	1	X	X	X		
HA-11	S	10.23.24	11:50	2	Grab/	1	X	X	X		
HA-11	S	10.23.24	11:55	3	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

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0 [signature]	[signature]	10/24 1524	2		
3			4		
5			6		

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Work Order No: _____

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

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:	Nailed It Federal Com #222H	**Turn Around**	
Project Number:	2302	☑ Routine ☐ Rush	
Project Location:	Eddy County, NM	Due Date:	5 Day TAT
Sampler's Name:	Gilbert Moreno	TAT starts the day received by the lab, if received by 4:30pm	
PO #:			

SAMPLE RECEIPT			
~~Temp Blank:~~	~~Yes~~ No	Wet Ice:	Yes No
Samples Received Intact:	Yes No	Thermometer ID:	TNMC07
Cooler Custody Seals:	Yes No N/A	Correction Factor:	-0.2
Sample Custody Seals:	Yes No N/A	Temperature Reading:	-4.8
Total Containers:		Corrected Temperature:	-4.6

Preservative Codes

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

ANALYSIS REQUEST — Parameters

Sample Identification	Matrix	Date Sampled	Time Sampled	Depth (feet)	Grab/ Comp	# of Cont	TPH	Chloride	BTEX	Hold	Sample Comments
HA-11	S	10.23.24	12:00	4	Grab/	1	X	X	X		**Incident Number**
HA-12	S	10.23.24	12:05	0.5	Grab/	1	X	X	X		nAPP2135134919
HA-12	S	10.23.24	12:10	1	Grab/	1	X	X	X		
HA-12	S	10.23.24	12:15	2	Grab/	1	X	X	X		
HA-12	S	10.23.24	12:20	3	Grab/	1	X	X	X		
HA-12	S	10.23.24	12:25	4	Grab/	1	X	X	X		
HA-13	S	10.23.24	12:30	0.5	Grab/	1	X	X	X		
HA-13	S	10.23.24	12:35	1	Grab/	1	X	X	X		
HA-13	S	10.23.24	12:40	2	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

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0		10/24 1529	2		
3			4		
5			6		

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Hobbs, NM (575) 392-7550, Carlsbad, NM (575) 988-3199

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Work Order No: _____

10/29/2024

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

Work Order Comments

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

Project Name:	Nailed It Federal Com #222H	Turn Around	
Project Number:	2302	☑ Routine ☐ Rush	
Project Location:	Eddy County, NM	Due Date:	5 Day TAT
Sampler's Name:	Gilbert Moreno	TAT starts the day received by the lab, if received by 4:30pm	
PO #:			

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:	-4.8
Total Containers:		Corrected Temperature:	-4.8

Preservative Codes

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

Sample Identification	Matrix	Date Sampled	Time Sampled	Depth (feet)	Grab/ Comp	# of Cont	TPH	Chloride	BTEX	Hold	Sample Comments
HA-13	S	10.23.24	12:45	3	Grab/	1	X	X	X		Incident Number
HA-13	S	10.23.24	12:50	4	Grab/	1	X	X	X		nAPP2135134919

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

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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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Login Sample Receipt Checklist

Client: Earth Systems Response and Restoration

Job Number: 890-7309-1
SDG Number: 2302

Login Number: 7309
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: 890-7309-1
SDG Number: 2302

Login Number: 7309
List Number: 2
Creator: Vasquez, Julisa

List Source: Eurofins Midland
List Creation: 10/25/24 08:06 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

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JOB DESCRIPTION

Nailed It Federal Com #222H
Rural Eddy County

JOB NUMBER

890-7741-1

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

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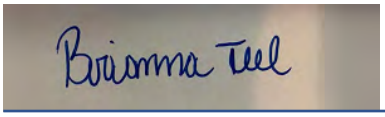
Analytical test results meet all requirements of the associated regulatory program (i.e., NELAC (TNI), DoD, and ISO 17025) unless otherwise noted under the individual analysis.

Authorization



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

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Definitions/Glossary

Client: Earth Systems Response and Restoration
Job ID: 890-7741-1
Project/Site: Nailed It Federal Com #222H
SDG: Rural Eddy County

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
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
Project: Nailed It Federal Com #222H

Job ID: 890-7741-1

Job ID: 890-7741-1 Eurofins Carlsbad

Job Narrative
890-7741-1

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 3/3/2025 2:28 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 1.4°C.

Receipt Exceptions
The following samples were received and analyzed from an unpreserved bulk soil jar: CS-1 (890-7741-1), SW-1 (890-7741-2) and SW-2 (890-7741-3).

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

Diesel Range Organics
Method 8015MOD_NM: The surrogate recovery for the blank associated with preparation batch 880-104251 and analytical batch 880-104310 was outside the upper control limits.

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

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

Client Sample Results

Client: Earth Systems Response and Restoration
Project/Site: Nailed It Federal Com #222H

Job ID: 890-7741-1
SDG: Rural Eddy County

Client Sample ID: CS-1

Lab Sample ID: 890-7741-1
Matrix: Solid
Date Collected: 03/03/25 11:00
Date Received: 03/03/25 14:28
Sample Depth: 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		03/03/25 20:58	03/04/25 02:20	1
Toluene	<0.00202	U	0.00202		mg/Kg		03/03/25 20:58	03/04/25 02:20	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		03/03/25 20:58	03/04/25 02:20	1
m-Xylene & p-Xylene	<0.00403	U	0.00403		mg/Kg		03/03/25 20:58	03/04/25 02:20	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		03/03/25 20:58	03/04/25 02:20	1
Xylenes, Total	<0.00403	U	0.00403		mg/Kg		03/03/25 20:58	03/04/25 02:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*99*		*70 - 130*	*03/03/25 20:58*	*03/04/25 02:20*	*1*
1,4-Difluorobenzene (Surr)	*87*		*70 - 130*	*03/03/25 20:58*	*03/04/25 02:20*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00403	U	0.00403		mg/Kg			03/04/25 02:20	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			03/04/25 11:00	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		03/03/25 21:10	03/04/25 11:00	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		03/03/25 21:10	03/04/25 11:00	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		03/03/25 21:10	03/04/25 11:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*96*		*70 - 130*	*03/03/25 21:10*	*03/04/25 11:00*	*1*
o-Terphenyl	*90*		*70 - 130*	*03/03/25 21:10*	*03/04/25 11:00*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<9.96	U	9.96		mg/Kg			03/04/25 13:27	1

Client Sample ID: SW-1

Lab Sample ID: 890-7741-2
Matrix: Solid
Date Collected: 03/03/25 11:05
Date Received: 03/03/25 14:28
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		03/03/25 20:58	03/04/25 02:41	1
Toluene	<0.00200	U	0.00200		mg/Kg		03/03/25 20:58	03/04/25 02:41	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		03/03/25 20:58	03/04/25 02:41	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		03/03/25 20:58	03/04/25 02:41	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		03/03/25 20:58	03/04/25 02:41	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		03/03/25 20:58	03/04/25 02:41	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*104*		*70 - 130*	*03/03/25 20:58*	*03/04/25 02:41*	*1*

Client Sample Results

Client: Earth Systems Response and Restoration
Project/Site: Nailed It Federal Com #222H

Job ID: 890-7741-1
SDG: Rural Eddy County

Client Sample ID: SW-1

Lab Sample ID: 890-7741-2
Matrix: Solid
Date Collected: 03/03/25 11:05
Date Received: 03/03/25 14:28
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	03/03/25 20:58	03/04/25 02:41	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			03/04/25 02:41	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			03/04/25 11:46	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		03/03/25 21:10	03/04/25 11:46	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		03/03/25 21:10	03/04/25 11:46	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		03/03/25 21:10	03/04/25 11:46	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	89		70 - 130	03/03/25 21:10	03/04/25 11:46	1
o-Terphenyl	81		70 - 130	03/03/25 21:10	03/04/25 11:46	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**47.0**		9.94		mg/Kg			03/04/25 13:34	1

Client Sample ID: SW-2

Lab Sample ID: 890-7741-3
Matrix: Solid
Date Collected: 03/03/25 11:10
Date Received: 03/03/25 14:28
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		03/03/25 20:58	03/04/25 04:15	1
Toluene	<0.00201	U	0.00201		mg/Kg		03/03/25 20:58	03/04/25 04:15	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		03/03/25 20:58	03/04/25 04:15	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		03/03/25 20:58	03/04/25 04:15	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		03/03/25 20:58	03/04/25 04:15	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		03/03/25 20:58	03/04/25 04:15	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	106		70 - 130	03/03/25 20:58	03/04/25 04:15	1
1,4-Difluorobenzene (Surr)	89		70 - 130	03/03/25 20:58	03/04/25 04:15	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			03/04/25 04:15	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			03/04/25 12:01	1

Client Sample Results

Client: Earth Systems Response and Restoration
Project/Site: Nailed It Federal Com #222H

Job ID: 890-7741-1
SDG: Rural Eddy County

Client Sample ID: SW-2

Lab Sample ID: 890-7741-3

Date Collected: 03/03/25 11:10
Date Received: 03/03/25 14:28
Sample Depth: 0-5

Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		03/03/25 21:10	03/04/25 12:01	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		03/03/25 21:10	03/04/25 12:01	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		03/03/25 21:10	03/04/25 12:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*100*		*70 - 130*	*03/03/25 21:10*	*03/04/25 12:01*	*1*
o-Terphenyl	*90*		*70 - 130*	*03/03/25 21:10*	*03/04/25 12:01*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**89.5**		10.1		mg/Kg			03/04/25 13:41	1

Surrogate Summary

Client: Earth Systems Response and Restoration
Project/Site: Nailed It Federal Com #222H

Job ID: 890-7741-1
SDG: Rural Eddy County

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)
890-7741-1	CS-1	99	87
890-7741-2	SW-1	104	91
890-7741-3	SW-2	106	89
LCS 880-104250/1-A	Lab Control Sample	103	95
LCSD 880-104250/2-A	Lab Control Sample Dup	97	96
MB 880-104145/5-A	Method Blank	98	83
MB 880-104250/5-A	Method Blank	101	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)
890-7741-1	CS-1	96	90
890-7741-1 MS	CS-1	98	90
890-7741-1 MSD	CS-1	99	90
890-7741-2	SW-1	89	81
890-7741-3	SW-2	100	90
LCS 880-104251/2-A	Lab Control Sample	94	85
LCSD 880-104251/3-A	Lab Control Sample Dup	102	91
MB 880-104251/1-A	Method Blank	132 S1+	125

Surrogate Legend

1CO = 1-Chlorooctane
OTPH = o-Terphenyl

QC Sample Results

Client: Earth Systems Response and Restoration
Project/Site: Nailed It Federal Com #222H

Job ID: 890-7741-1
SDG: Rural Eddy County

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-104145/5-A
Matrix: Solid
Analysis Batch: 104135

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 104145

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		03/03/25 09:36	03/03/25 11:39	1
Toluene	<0.00200	U	0.00200		mg/Kg		03/03/25 09:36	03/03/25 11:39	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		03/03/25 09:36	03/03/25 11:39	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		03/03/25 09:36	03/03/25 11:39	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		03/03/25 09:36	03/03/25 11:39	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		03/03/25 09:36	03/03/25 11:39	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*98*		*70 - 130*	*03/03/25 09:36*	*03/03/25 11:39*	*1*
1,4-Difluorobenzene (Surr)	*83*		*70 - 130*	*03/03/25 09:36*	*03/03/25 11:39*	*1*

Lab Sample ID: MB 880-104250/5-A
Matrix: Solid
Analysis Batch: 104135

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 104250

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		03/03/25 20:58	03/03/25 23:14	1
Toluene	<0.00200	U	0.00200		mg/Kg		03/03/25 20:58	03/03/25 23:14	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		03/03/25 20:58	03/03/25 23:14	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		03/03/25 20:58	03/03/25 23:14	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		03/03/25 20:58	03/03/25 23:14	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		03/03/25 20:58	03/03/25 23:14	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*101*		*70 - 130*	*03/03/25 20:58*	*03/03/25 23:14*	*1*
1,4-Difluorobenzene (Surr)	*83*		*70 - 130*	*03/03/25 20:58*	*03/03/25 23:14*	*1*

Lab Sample ID: LCS 880-104250/1-A
Matrix: Solid
Analysis Batch: 104135

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 104250

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.1123		mg/Kg		112	70 - 130
Toluene	0.100	0.1032		mg/Kg		103	70 - 130
Ethylbenzene	0.100	0.1084		mg/Kg		108	70 - 130
m-Xylene & p-Xylene	0.200	0.2221		mg/Kg		111	70 - 130
o-Xylene	0.100	0.1102		mg/Kg		110	70 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*103*		*70 - 130*
1,4-Difluorobenzene (Surr)	*95*		*70 - 130*

Lab Sample ID: LCSD 880-104250/2-A
Matrix: Solid
Analysis Batch: 104135

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 104250

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.1135		mg/Kg		114	70 - 130	1	35

QC Sample Results

Client: Earth Systems Response and Restoration
Project/Site: Nailed It Federal Com #222H

Job ID: 890-7741-1
SDG: Rural Eddy County

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

Lab Sample ID: LCSD 880-104250/2-A — **Client Sample ID: Lab Control Sample Dup**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 104135 — **Prep Batch: 104250**

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Toluene	0.100	0.1043		mg/Kg		104	70 - 130	1	35
Ethylbenzene	0.100	0.1073		mg/Kg		107	70 - 130	1	35
m-Xylene & p-Xylene	0.200	0.2211		mg/Kg		111	70 - 130	0	35
o-Xylene	0.100	0.1106		mg/Kg		111	70 - 130	0	35

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*97*		*70 - 130*
1,4-Difluorobenzene (Surr)	*96*		*70 - 130*

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

Lab Sample ID: MB 880-104251/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 104310 — **Prep Batch: 104251**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		03/03/25 21:08	03/04/25 06:22	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		03/03/25 21:08	03/04/25 06:22	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		03/03/25 21:08	03/04/25 06:22	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*132*	*S1+*	*70 - 130*	*03/03/25 21:08*	*03/04/25 06:22*	*1*
o-Terphenyl	*125*		*70 - 130*	*03/03/25 21:08*	*03/04/25 06:22*	*1*

Lab Sample ID: LCS 880-104251/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 104310 — **Prep Batch: 104251**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	1132		mg/Kg		113	70 - 130
Diesel Range Organics (Over C10-C28)	1000	1103		mg/Kg		110	70 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1-Chlorooctane	*94*		*70 - 130*
o-Terphenyl	*85*		*70 - 130*

Lab Sample ID: LCSD 880-104251/3-A — **Client Sample ID: Lab Control Sample Dup**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 104310 — **Prep Batch: 104251**

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	1211		mg/Kg		121	70 - 130	7	20
Diesel Range Organics (Over C10-C28)	1000	1149		mg/Kg		115	70 - 130	4	20

QC Sample Results

Client: Earth Systems Response and Restoration
Project/Site: Nailed It Federal Com #222H

Job ID: 890-7741-1
SDG: Rural Eddy County

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

Lab Sample ID: LCSD 880-104251/3-A — **Client Sample ID: Lab Control Sample Dup**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 104310 — **Prep Batch: 104251**

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1-Chlorooctane	102		70 - 130
o-Terphenyl	91		70 - 130

Lab Sample ID: 890-7741-1 MS — **Client Sample ID: CS-1**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 104310 — **Prep Batch: 104251**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	997	1182		mg/Kg		119	70 - 130
Diesel Range Organics (Over C10-C28)	<49.8	U	997	1130		mg/Kg		113	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
1-Chlorooctane	98		70 - 130
o-Terphenyl	90		70 - 130

Lab Sample ID: 890-7741-1 MSD — **Client Sample ID: CS-1**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 104310 — **Prep Batch: 104251**

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	<49.8	U	997	1192		mg/Kg		120	70 - 130	1	20
Diesel Range Organics (Over C10-C28)	<49.8	U	997	1138		mg/Kg		114	70 - 130	1	20

Surrogate	MSD %Recovery	MSD Qualifier	Limits
1-Chlorooctane	99		70 - 130
o-Terphenyl	90		70 - 130

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-104266/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 104308

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0		mg/Kg			03/04/25 10:29	1

Lab Sample ID: LCS 880-104266/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 104308

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	244.2		mg/Kg		98	90 - 110

QC Sample Results

Client: Earth Systems Response and Restoration
Project/Site: Nailed It Federal Com #222H

Job ID: 890-7741-1
SDG: Rural Eddy County

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: LCSD 880-104266/3-A
Matrix: Solid
Analysis Batch: 104308

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

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride			250	247.6		mg/Kg		99	90 - 110	1	20

QC Association Summary

Client: Earth Systems Response and Restoration
Project/Site: Nailed It Federal Com #222H

Job ID: 890-7741-1
SDG: Rural Eddy County

GC VOA

Analysis Batch: 104135

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7741-1	CS-1	Total/NA	Solid	8021B	104250
890-7741-2	SW-1	Total/NA	Solid	8021B	104250
890-7741-3	SW-2	Total/NA	Solid	8021B	104250
MB 880-104145/5-A	Method Blank	Total/NA	Solid	8021B	104145
MB 880-104250/5-A	Method Blank	Total/NA	Solid	8021B	104250
LCS 880-104250/1-A	Lab Control Sample	Total/NA	Solid	8021B	104250
LCSD 880-104250/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	104250

Prep Batch: 104145

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-104145/5-A	Method Blank	Total/NA	Solid	5035	

Prep Batch: 104250

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7741-1	CS-1	Total/NA	Solid	5035	
890-7741-2	SW-1	Total/NA	Solid	5035	
890-7741-3	SW-2	Total/NA	Solid	5035	
MB 880-104250/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-104250/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-104250/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	

Analysis Batch: 104334

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7741-1	CS-1	Total/NA	Solid	Total BTEX	
890-7741-2	SW-1	Total/NA	Solid	Total BTEX	
890-7741-3	SW-2	Total/NA	Solid	Total BTEX	

GC Semi VOA

Prep Batch: 104251

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7741-1	CS-1	Total/NA	Solid	8015NM Prep	
890-7741-2	SW-1	Total/NA	Solid	8015NM Prep	
890-7741-3	SW-2	Total/NA	Solid	8015NM Prep	
MB 880-104251/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-104251/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-104251/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-7741-1 MS	CS-1	Total/NA	Solid	8015NM Prep	
890-7741-1 MSD	CS-1	Total/NA	Solid	8015NM Prep	

Analysis Batch: 104310

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7741-1	CS-1	Total/NA	Solid	8015B NM	104251
890-7741-2	SW-1	Total/NA	Solid	8015B NM	104251
890-7741-3	SW-2	Total/NA	Solid	8015B NM	104251
MB 880-104251/1-A	Method Blank	Total/NA	Solid	8015B NM	104251
LCS 880-104251/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	104251
LCSD 880-104251/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	104251
890-7741-1 MS	CS-1	Total/NA	Solid	8015B NM	104251
890-7741-1 MSD	CS-1	Total/NA	Solid	8015B NM	104251

QC Association Summary

Client: Earth Systems Response and Restoration
Project/Site: Nailed It Federal Com #222H

Job ID: 890-7741-1
SDG: Rural Eddy County

GC Semi VOA

Analysis Batch: 104360

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7741-1	CS-1	Total/NA	Solid	8015 NM	
890-7741-2	SW-1	Total/NA	Solid	8015 NM	
890-7741-3	SW-2	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 104266

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7741-1	CS-1	Soluble	Solid	DI Leach	
890-7741-2	SW-1	Soluble	Solid	DI Leach	
890-7741-3	SW-2	Soluble	Solid	DI Leach	
MB 880-104266/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-104266/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-104266/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	

Analysis Batch: 104308

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7741-1	CS-1	Soluble	Solid	300.0	104266
890-7741-2	SW-1	Soluble	Solid	300.0	104266
890-7741-3	SW-2	Soluble	Solid	300.0	104266
MB 880-104266/1-A	Method Blank	Soluble	Solid	300.0	104266
LCS 880-104266/2-A	Lab Control Sample	Soluble	Solid	300.0	104266
LCSD 880-104266/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	104266

Lab Chronicle

Client: Earth Systems Response and Restoration
Project/Site: Nailed It Federal Com #222H

Job ID: 890-7741-1
SDG: Rural Eddy County

Client Sample ID: CS-1

Lab Sample ID: 890-7741-1
Date Collected: 03/03/25 11:00
Matrix: Solid
Date Received: 03/03/25 14:28

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	104250	03/03/25 20:58	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	104135	03/04/25 02:20	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			104334	03/04/25 02:20	AJ	EET MID
Total/NA	Analysis	8015 NM		1			104360	03/04/25 11:00	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	104251	03/03/25 21:10	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	104310	03/04/25 11:00	TKC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	104266	03/04/25 08:06	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	104308	03/04/25 13:27	CH	EET MID

Client Sample ID: SW-1

Lab Sample ID: 890-7741-2
Date Collected: 03/03/25 11:05
Matrix: Solid
Date Received: 03/03/25 14:28

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	104250	03/03/25 20:58	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	104135	03/04/25 02:41	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			104334	03/04/25 02:41	AJ	EET MID
Total/NA	Analysis	8015 NM		1			104360	03/04/25 11:46	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	104251	03/03/25 21:10	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	104310	03/04/25 11:46	TKC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	104266	03/04/25 08:06	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	104308	03/04/25 13:34	CH	EET MID

Client Sample ID: SW-2

Lab Sample ID: 890-7741-3
Date Collected: 03/03/25 11:10
Matrix: Solid
Date Received: 03/03/25 14:28

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	104250	03/03/25 20:58	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	104135	03/04/25 04:15	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			104334	03/04/25 04:15	AJ	EET MID
Total/NA	Analysis	8015 NM		1			104360	03/04/25 12:01	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	104251	03/03/25 21:10	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	104310	03/04/25 12:01	TKC	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	104266	03/04/25 08:06	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	104308	03/04/25 13:41	CH	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: 890-7741-1
Project/Site: Nailed It Federal Com #222H
SDG: Rural Eddy County

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	06-30-25

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: Nailed It Federal Com #222H

Job ID: 890-7741-1
SDG: Rural Eddy County

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: Nailed It Federal Com #222H

Job ID: 890-7741-1
SDG: Rural Eddy County

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Depth
890-7741-1	CS-1	Solid	03/03/25 11:00	03/03/25 14:28	5
890-7741-2	SW-1	Solid	03/03/25 11:05	03/03/25 14:28	0-5
890-7741-3	SW-2	Solid	03/03/25 11:10	03/03/25 14:28	0-5

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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

Worl

890-7741 Chain of Custody

3/4/2025

ww

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

Work Order Comments

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

Project Name:	Nailed It Federal Com #222H	Turn Around	
Project Number:	2302	☐ Routine	☑ Rush
Project Location:	Rural Eddy, NM	Due Date:	24 HR Rush TAT
Sampler's Name:	Gilbert Moreno	TAT starts the day received by the lab, if received by 4:30pm	
PO/WO #:			

SAMPLE RECEIPT

Temp Blank:	Yes No	Wet Ice:	Yes No
Samples Received Intact:	Yes No	Thermometer ID:	TNme07
~~Cooler Custody Seals:~~	~~Yes No N/A~~	Correction Factor:	-0.2
~~Sample Custody Seals:~~	~~Yes No N/A~~	~~Temperature Reading:~~	1.6
Total Containers:		Corrected Temperature:	1.4

ANALYSIS REQUEST

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
CS-1	S	3.3.2025	11:00	5	Comp	1	X	X	X		X	Incident Number
SW-1	S	3.3.2025	11:05	0-5	Comp	1	X	X	X		X	nAPP2135134919
SW-2	S	3.3.2025	11:10	0-5	Comp	1	X	X	X		X	

Pres. Code / Parameters

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~~

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
1		14:28 3/3	2		
3			4		
5			6		

Revised Date: 08/25/2020 Rev. 2020.2

Received by OCD: 4/11/2025 10:08:58 AM

Released to Imaging: 5/15/2025 11:36:01 AM

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: 890-4641.1
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 #: 890-7741-1
Address: 1211 W. Florida Ave, ,	Due Date Requested: 3/4/2025			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: nailed it federal com #222H	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_Prep TPH 8015	8015MOD_Calc/ 8015 Calc	300_ORGFM_28D/DI_LEACH Chloride	8021B/5035FP_Calc (MOD) BTEX	Total_BTEX_GCV/ (MOD) Total BTEX	Total Number of containers	Special Instructions/Note:
			Preservation Code:										
CS-1 (890-7741-1)	3/3/25	11:00 Mountain	G	Solid			X	X	X	X	X	1	
SW-1 (890-7741-2)	3/3/25	11:05 Mountain	G	Solid			X	X	X	X	X	1	
SW-2 (890-7741-3)	3/3/25	11:10 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
Relinquished by:	Date/Time: 3/3 1630	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

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

Ver: 10/10/2024

Received by OCD: 4/11/2025 10:08:58 AM
Released to Imaging: 5/15/2025 11:36:01 AM
3/4/2025

Login Sample Receipt Checklist

Client: Earth Systems Response and Restoration

Job Number: 890-7741-1
SDG Number: Rural Eddy County

Login Number: 7741
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: 890-7741-1
SDG Number: Rural Eddy County

Login Number: 7741
List Number: 2
Creator: Laing, Edmundo

List Source: Eurofins Midland
List Creation: 03/03/25 08:56 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	

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 451104

QUESTIONS

Operator: Civitas Permian Operating, LLC 555 17th Street Denver, CO 80202	OGRID: 332195
	Action Number: 451104
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Prerequisites	
Incident ID (n#)	**nAPP2135134919**
Incident Name	**NAPP2135134919 NAILED IT B FEDERAL COM #222H @ 30-015-46887**
Incident Type	**Produced Water Release**
Incident Status	**Remediation Closure Report Received**
Incident Well	**[30-015-46887] NAILED IT FEDERAL COM #222H**

Location of Release Source *Please answer all the questions in this group.*	
Site Name	NAILED IT B FEDERAL COM #222H
Date Release Discovered	12/17/2021
Surface Owner	Federal

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: Human Error | Valve | Produced Water | Released: 13 BBL | Recovered: 0 BBL | Lost: 13 BBL.
Is the concentration of chloride in the produced water >10,000 mg/l	Yes
Condensate Released (bbls) Details	*Not answered.*
Natural Gas Vented (Mcf) Details	*Not answered.*
Natural Gas Flared (Mcf) Details	*Not answered.*
Other Released Details	*Not answered.*
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	*Not answered.*

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

General Information
Phone: (505) 629-6116

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

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

QUESTIONS (continued)

Operator: Civitas Permian Operating, LLC 555 17th Street Denver, CO 80202	OGRID: 332195
	Action Number: 451104
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Nature and Volume of Release (continued)	
Is this a gas only submission (i.e. only significant Mcf values reported)	**No, according to supplied volumes this does not appear to be a "gas only" report.**
Was this a major release as defined by Subsection A of 19.15.29.7 NMAC	**No**
Reasons why this would be considered a submission for a notification of a major release	*Unavailable.*
With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.e. gas only) are to be submitted on the C-129 form.	

Initial Response	
The responsible party must undertake the following actions immediately unless they could create a safety hazard that would result in injury.	
The source of the release has been stopped	True
The impacted area has been secured to protect human health and the environment	True
Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices	True
All free liquids and recoverable materials have been removed and managed appropriately	False
If all the actions described above have not been undertaken, explain why	FLUIDS SOAKED IN THEREFORE NO RECOVERY OF FLUIDS TOOK PLACE. LEAK WAS REPAIRED. SITE WAS FLAGGED FOR ONE-CALL TO BEGIN DELINEATION/REMEDIATION OF THE SITE.
Per Paragraph (4) of Subsection B of 19.15.29.8 NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please prepare and attach a narrative of actions to date in the follow-up C-141 submission. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see Subparagraph (a) of Paragraph (5) of Subsection A of 19.15.29.11 NMAC), please prepare and attach all information needed for closure evaluation in the follow-up C-141 submission.	

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.

I hereby agree and sign off to the above statement	Name: Mason Jones Title: c-Environmental Specialist Email: mjones@civiresources.com Date: 04/11/2025

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

QUESTIONS (continued)

Operator: Civitas Permian Operating, LLC 555 17th Street Denver, CO 80202	OGRID: 332195
	Action Number: 451104
	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	Greater than 5 (mi.)
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Between 1 and 5 (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 1 and 5 (mi.)
Categorize the risk of this well / site being in a karst geology	Medium
A 100-year floodplain	Between 1 and 5 (mi.)
Did the release impact areas not on an exploration, development, production, or storage site	No

Remediation Plan	
Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.	
Requesting a remediation plan approval with this submission	Yes
Attach a comprehensive report demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined, pursuant to 19.15.29.11 NMAC and 19.15.29.13 NMAC.	
Have the lateral and vertical extents of contamination been fully delineated	Yes
Was this release entirely contained within a lined containment area	No
Soil Contamination Sampling: (Provide the highest observable value for each, in milligrams per kilograms.)	
Chloride (EPA 300.0 or SM4500 Cl B)	296
TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M)	220
GRO+DRO (EPA SW-846 Method 8015M)	220
BTEX (EPA SW-846 Method 8021B or 8260B)	0
Benzene (EPA SW-846 Method 8021B or 8260B)	0
Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.	
On what estimated date will the remediation commence	03/03/2025
On what date will (or did) the final sampling or liner inspection occur	03/03/2025
On what date will (or was) the remediation complete(d)	03/06/2025
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)

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	Action Number: 451104
	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	*Not answered.*
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	Yes
In which state is the disposal taking place	Texas
What is the name of the out-of-state facility	R360 Red Bluff
OR is the **off-site** disposal site, to be used, an NMED facility	*Not answered.*
(Ex Situ) Excavation and **on-site** remediation (i.e. On-Site Land Farms)	*Not answered.*
(In Situ) Soil Vapor Extraction	*Not answered.*
(In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.)	*Not answered.*
(In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.)	*Not answered.*
(In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.)	*Not answered.*
Ground Water Abatement pursuant to 19.15.30 NMAC	*Not answered.*
OTHER (Non-listed remedial process)	*Not answered.*
Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.	
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.	
I hereby agree and sign off to the above statement	Name: Mason Jones Title: c-Environmental Specialist Email: mjones@civiresources.com Date: 04/11/2025
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)

Operator: Civitas Permian Operating, LLC 555 17th Street Denver, CO 80202	OGRID: 332195
	Action Number: 451104
	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: Civitas Permian Operating, LLC 555 17th Street Denver, CO 80202	OGRID: 332195
	Action Number: 451104
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Sampling Event Information	
Last sampling notification (C-141N) recorded	**436620**
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	**03/03/2025**
What was the (estimated) number of samples that were to be gathered	**3**
What was the sampling surface area in square feet	**200**

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: Mason Jones Title: c-Environmental Specialist Email: mjones@civiresources.com Date: 04/11/2025

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QUESTIONS (continued)

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	Action Number: 451104
	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

Action 451104

CONDITIONS

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	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

CONDITIONS

Created By	Condition	Condition Date
rhamlet	We have received your Remediation Closure Report for Incident #NAPP2135134919 NAILED IT B FEDERAL COM #222H, thank you. This Remediation Closure Report is approved.	5/15/2025