



May 14, 2026

New Mexico Oil Conservation Division

506 W. Texas Ave
Artesia, NM 88210

RE: **Agate PWU 21 CTB 1- Site Characterization & Remediation Plan**
Incident Number: nAPP2602730341
GPS: 32.64550111°, -104.085629°
Eddy County, New Mexico
ESRR Project No. VP-8744

To Whom It May Concern:

Earth Systems Response & Restoration (ESRR), on behalf of Devon Energy (Devon), presents the following Site Characterization & Remediation Plan (SCRP) detailing subsequent soil sampling activities and a scope of work to address soil impacts associated with an inadvertent release of produced water at the Agate PWU 21 CTB 1 (Site). Devon proposes this SCR, detailing remediation objectives to mitigate environmental impacts at the Site.

Site Location

The Site is located in Unit L, Section 21, Township 19 South, Range 29 East, in Eddy County, New Mexico (32.64550111°, -104.085629°) and is associated with oil and gas exploration and production operations on State Land managed by the New Mexico State Land Office (NMSLO) (**Figure 1**).

Incident Description & Background

On January 26, 2026, a dump line failed, causing the release of approximately 21 barrels (bbl) of produced water onto Devon operated production pad surfaces. Due to snow cover, no fluids were recovered. Devon gave notice to the New Mexico Oil Conservation Division (NMOCD) on January 27, 2026, by Notification of Release (NOR) and was subsequently assigned Incident Number nAPP2602730341. A Corrective Action Form C-141 (Form C-141) was later submitted and accepted by NMOCD on February 2, 2026.

Upon evaluation, the Cultural Properties Protection Rule does not apply. All activities are to remain within established production pad surfaces, with no potential for impacts to any threatened, endangered, and sensitive wildlife or plants species in undisturbed areas.

Timeline of Events

January 28, 2026 - ESRR conducted initial site assessment activities and mapped the observed release footprint, hereafter referred to as the Area of Concern (AOC) (**Figure 2**).

March 11, 2026 - ESRR performed delineation activities.

Agate PWU 21 CTB 1 - Site Characterization & Remediation Plan
 Incident Number: nAPP2602730341
 GPS: 32.64550111°, -104.085629°



April 24, 2026 - Devon requested an extension of the April 27, 2026 deadline, to allow additional time to complete remediation activities and a subsequent corrective action report. Devon was granted a 90-day extension by the NMOCD for July 23, 2026. NMSLO accepted the NMOCD’s extension under the condition that this SCRPs be submitted.

Site Characterization

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

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

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

Based on the desktop review, the site is designated with high karst potential with no DTW well within ½ mile 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 (GRO) + Diesel Range Organics (DRO) + Oil Range Organics (ORO)
 Laboratory Analytical Methods used: Environmental Protection Agency (EPA) 300.0, EPA 8015 NM, EPA 8021 B

Delineation Activities

On March 11, 2026, ESRR conducted delineation activities to assess the presence or absence of soil impacts associated with the AOC. Seven delineation boreholes (HA-1 through HA-7) were advanced via hand auger. Delineation activities were driven by field screening soil for chloride utilizing QuanTab® test strips and volatile organic compounds by a calibrated Photo Ionization Detector (PID). A minimum of two soil samples were collected from each delineation borehole, representing the highest observed field screening concentrations and/or the greatest depth. Delineation soil samples were placed directly into lab provided pre-cleaned jars, packed with minimal void space, labeled, and placed on ice. The delineation soil samples were transported under strict chain-of-custody procedures, to Eurofins in Carlsbad, New Mexico, for analysis of the COCs.

Agate PWU 21 CTB 1 - Site Characterization & Remediation Plan
Incident Number: nAPP2602730341
GPS: 32.64550111°, -104.085629°



Laboratory analytical results for delineation soil samples (HA-4 through HA-6) surrounding the AOC were compliant with the Site Closure Criteria and the reclamation standard, assisting with defining the horizontal periphery of the AOC.

Laboratory analytical results for delineation soil samples collected within and around the AOC (HA-1 through HA-3 and HA-7) indicated either benzene, BTEX, total TPH, and/or chloride exceeded the Site Closure Criteria and/or the reclamation standard within the top 2 feet (ft) bgs. Elevated benzene is characterized by a concentration of 15.6 mg/kg. Elevated BTEX is characterized by concentrations ranging from 213 mg/kg to 395 mg/kg. Elevated total TPH is characterized by concentrations ranging from 190 mg/kg to 17,100 mg/kg. Elevated chloride is characterized by concentrations ranging from 627 mg/kg to 5,170 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**.

Proposed Remediation Plan

Based on the results from the completed delineation soil sampling activities, Devon proposes the following remedial actions:

- Devon proposes to remove impacted soil to the Maximum Extent Practical (MEP) while adhering to Devon's safety precautions and encroachment guidelines, ensuring the health and safety of on-site personnel and the structural integrity of any high powered/pressurized equipment and utilities within and around the AOC.
 - Devon proposes to excavate soils associated with delineation soil samples HA-1 through HA-3 to 2 ft bgs or until MEP, whichever comes first. Areas directly near HA-7 will be excavated to approximately 1 ft bgs. Remaining areas directly beneath or adjacent to any above or below ground high powered/pressurized equipment and utilities within the AOC will be excavated to the MEP (**Figure 3**).
 - Following the removal of impacted soil, five-point composite soil samples will be collected at a sampling frequency of 200 square feet from the excavation floor and sidewalls. Confirmation soil samples will be handled, labeled, and transported to Eurofins in Carlsbad, New Mexico, for analysis of COCs as previously described.
- Devon anticipates 45 cubic yards of impacted soil to be excavated and removed from Site and approximately 61 cubic yards of residual impacted soil to be left in place and deferred until the Site is plugged and abandoned or undergoes major facility deconstruction, whichever comes first (**Figure 4**).
- Impacted soil will be transported to a nearby state-regulated landfill facility for disposal under Devon approved waste manifests. Once remediation activities are complete and receipt of final confirmation soil sample results are received, Devon will have the excavation backfilled with clean, locally sourced material and restored to "as close to its original state" as possible.

Proposed Schedule

Devon anticipates remediation and restoration activities to commence within 90 days of approval of this SCRP. Upon favorable laboratory analytical results of all confirmation samples, ESRR will complete a

Agate PWU 21 CTB 1 - Site Characterization & Remediation Plan
Incident Number: nAPP2602730341
GPS: 32.64550111°, -104.085629°



Closure or Deferral Request Report, detailing excavation activities and subsequent soil sampling activities for incident number nAPP2602730341.

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

Sincerely,

EARTH SYSTEMS RESPONSE & RESTORATION

A handwritten signature in black ink that reads "Gilbert Moreno".

Gilbert Moreno
Carlsbad Operations Manager/ Project Geologist

A handwritten signature in black ink that reads "Kris Williams".

Kris Williams, CHMM, REM
Principal

cc: Jim Raley, Devon Energy
New Mexico State Land Office

Attachments:

- Figure 1 - Site Map
- Figure 1A - Groundwater
- Figure 1B - Karst Potential
- Figure 2 - Delineation Soil Sample Locations
- Figure 3 - Proposed Excavation Extents
- Figure 4 - Proposed Deferral Extent
- Table 1 - Soil Sample Analytical Results
- Photographic Documentation
- Referenced Well Record
- NMOCD and NMSLO Email Documentation & Correspondence
- Executed Chain-of-Custody Forms and Laboratory Analytical Reports



Figure 1 – Site Map

Devon Energy– Agate PWU 21 CTB 1
GPS: 32.64550111°, -104.085629°
Eddy County, New Mexico



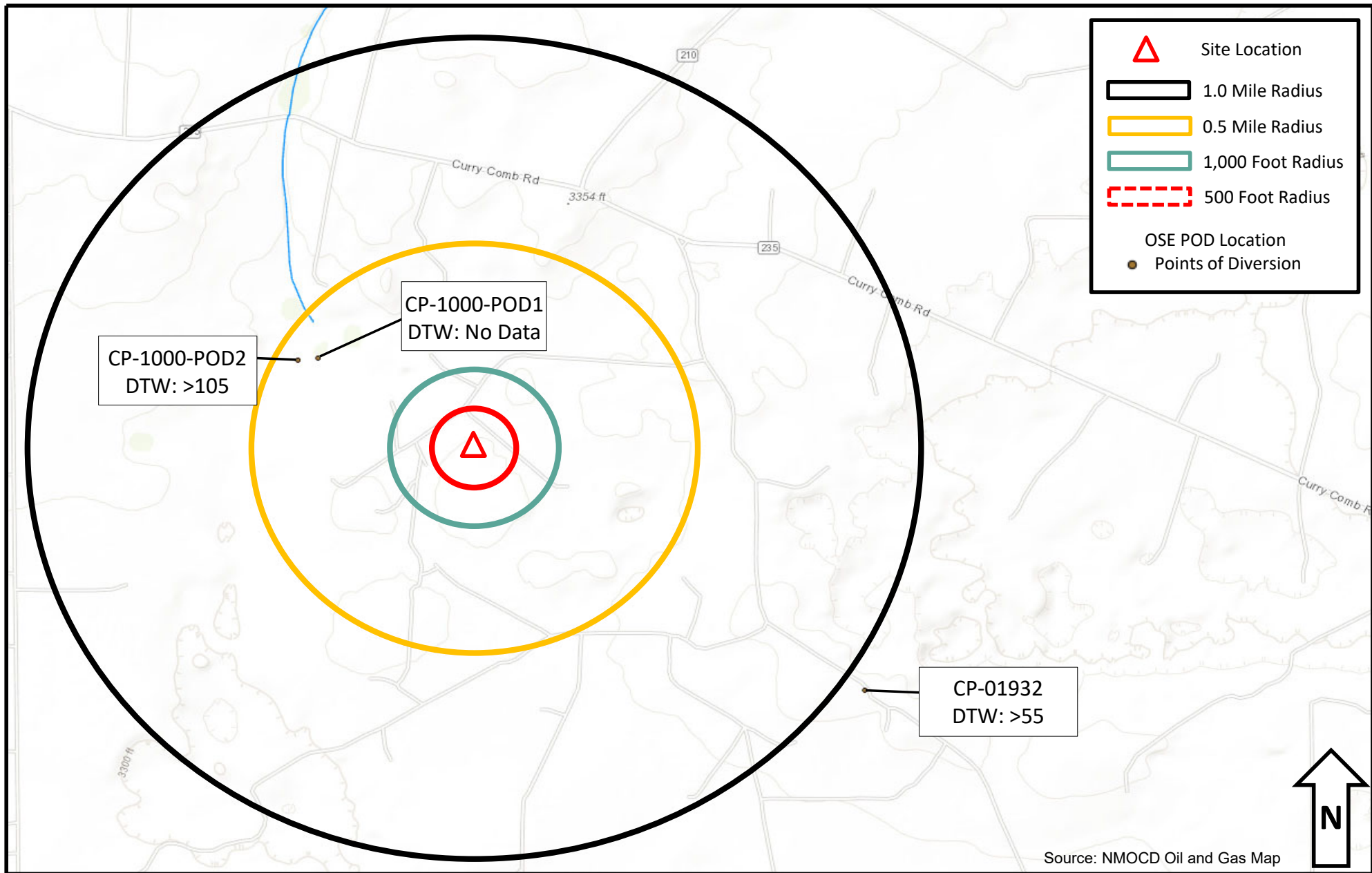


Figure 1A – Groundwater

Devon Energy– Agate PWU 21 CTB 1
 GPS: 32.64550111°, -104.085629°
 Eddy County, New Mexico



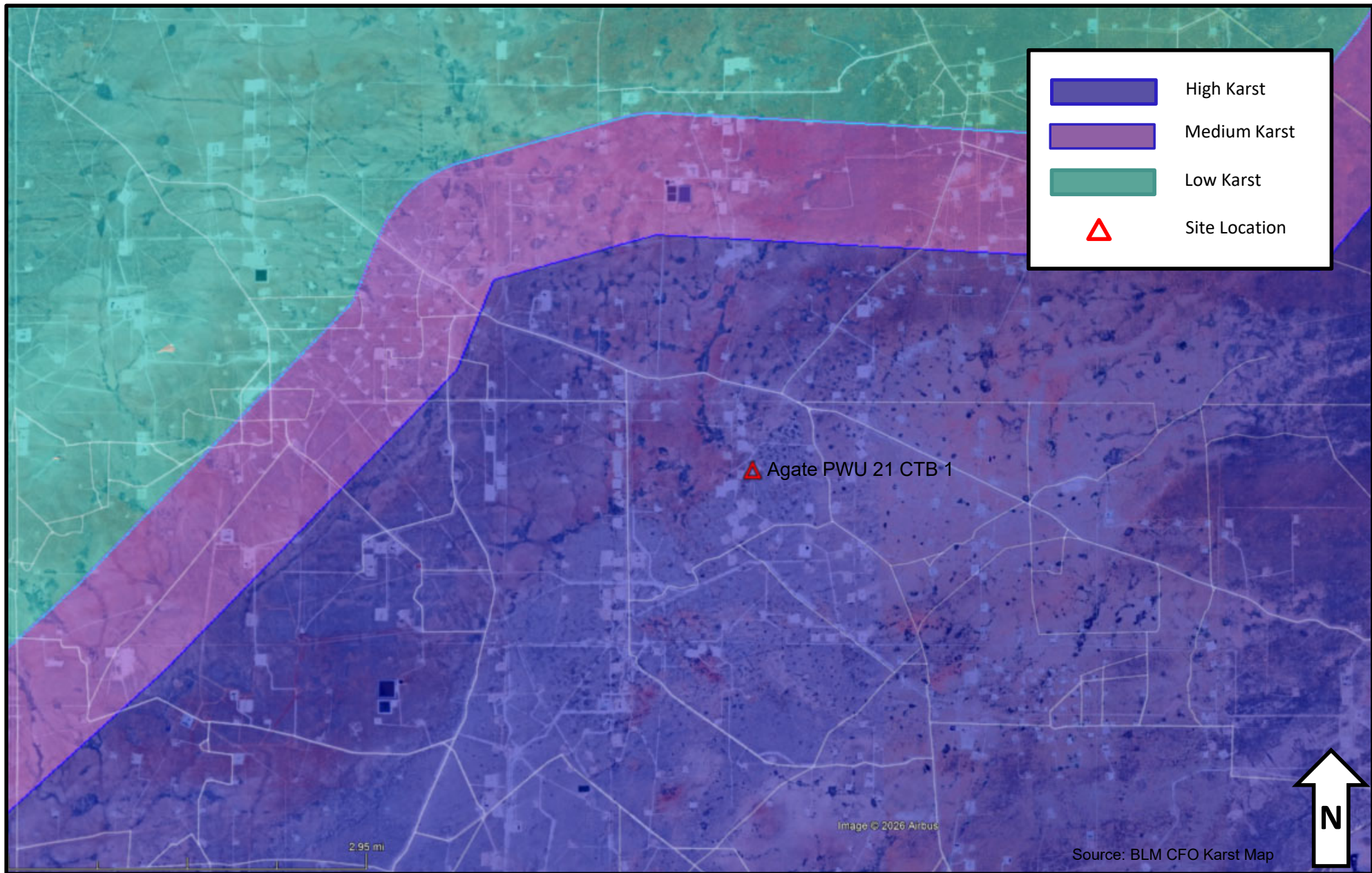


Figure 1B – Karst Potential

Devon Energy– Agate PWU 21 CTB 1
GPS: 32.64550111°, -104.085629°
Eddy County, New Mexico



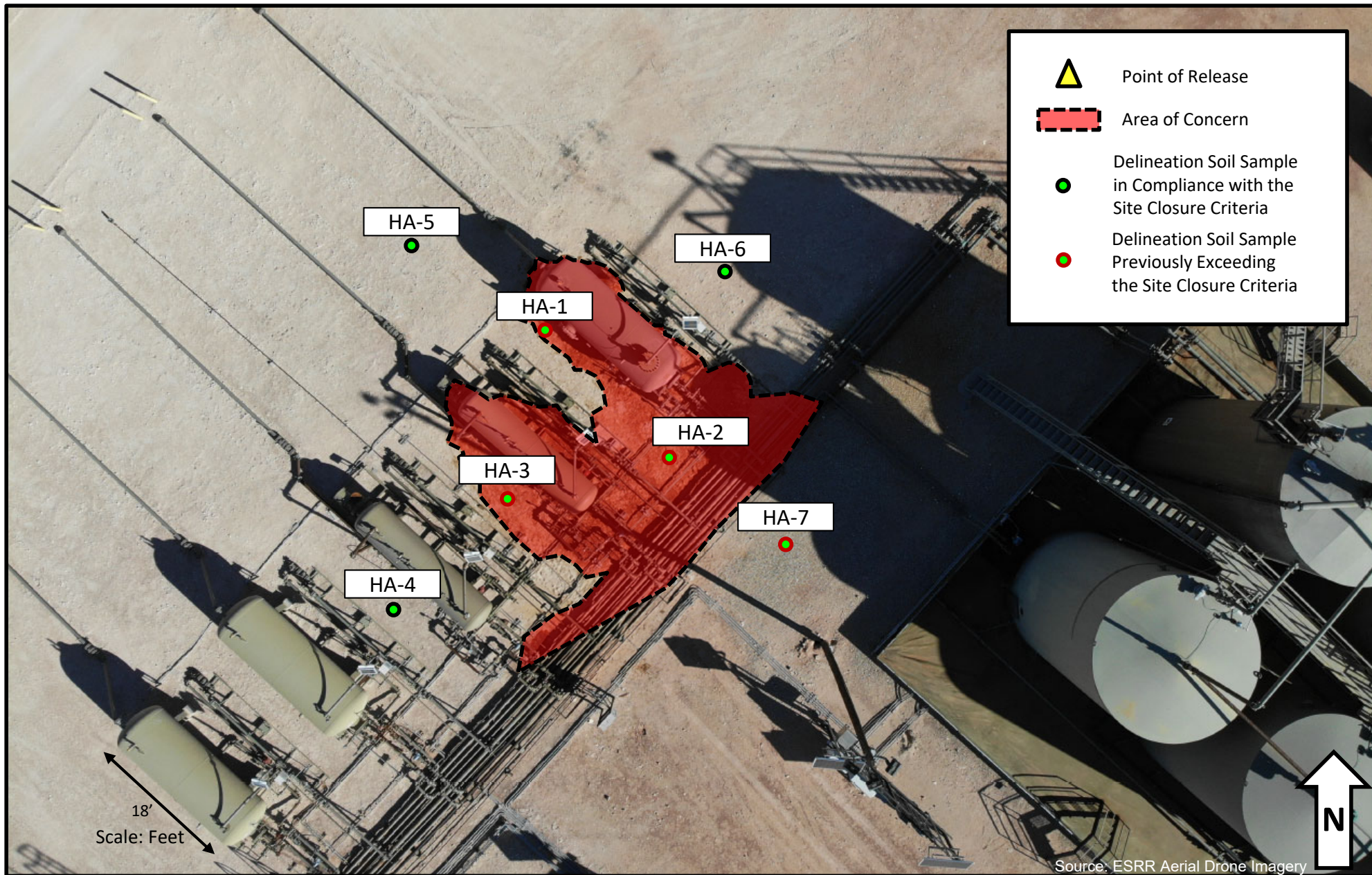


Figure 2 – Delineation Sample Locations

Devon Energy– Agate PWU 21 CTB 1
GPS: 32.64550111°, -104.085629°
Eddy County, New Mexico



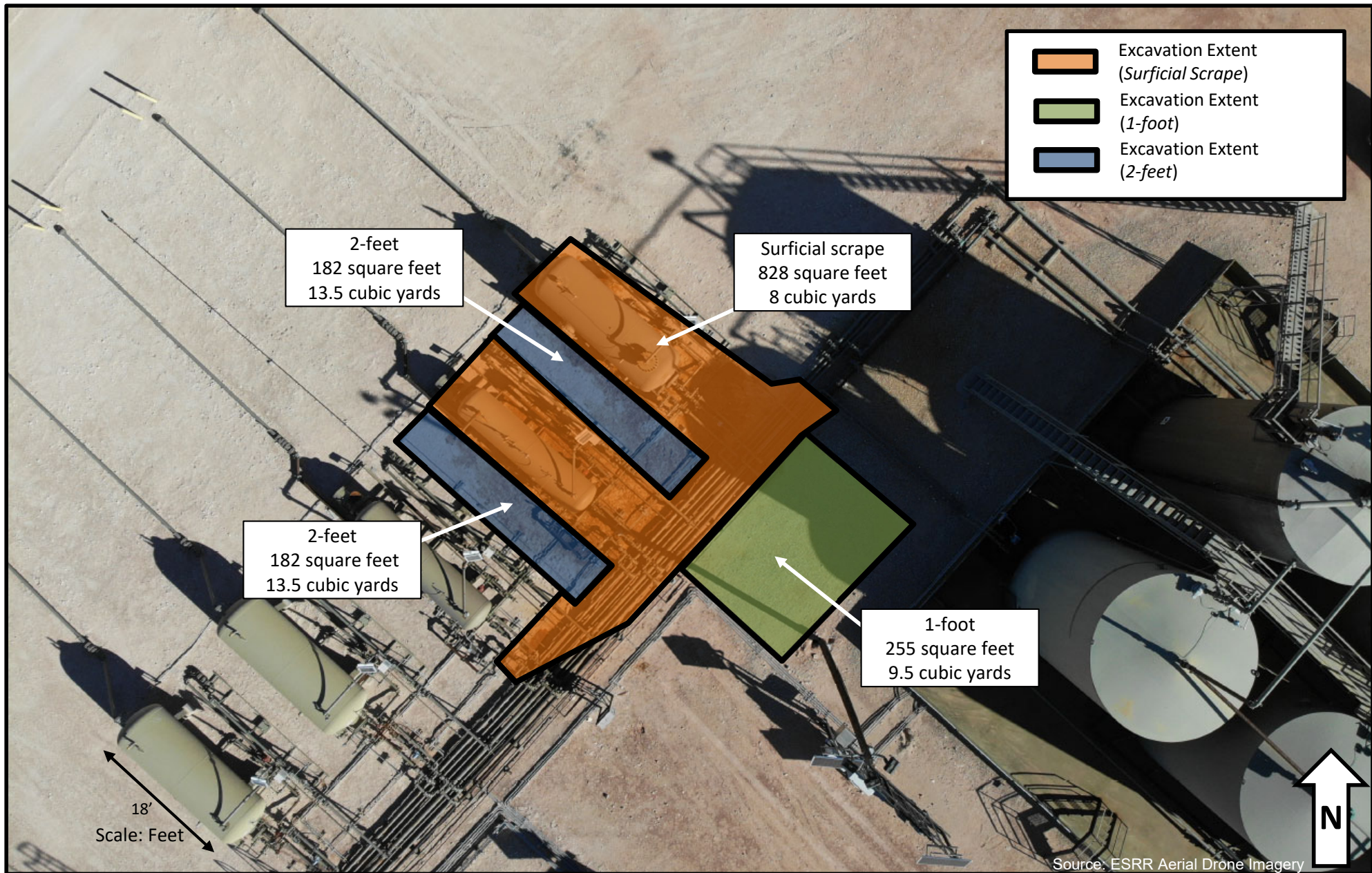


Figure 3 – Proposed Excavation Extents

Devon Energy– Agate PWU 21 CTB 1
GPS: 32.64550111°, -104.085629°
Eddy County, New Mexico





Figure 4 – Proposed Deferral Extent

Devon Energy– Agate PWU 21 CTB 1
GPS: 32.64550111°, -104.085629°
Eddy County, New Mexico





Table 1
SOIL SAMPLE ANALYTICAL RESULTS
Agate PWU 21 CTB 1
Eddy County, New Mexico



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 - nAPP2602730341									
HA - 1	03/11/26	0.5	0.00610	14.3	1,170	5,600	91.9	6,860	5,170
HA - 1	03/11/26	1	0.976	213	6,130	11,000	<250	17,100	4,560
HA - 1	03/11/26	2	0.00516	0.239	149	661	186	996	627
HA - 1	03/11/26	3	0.00836	0.0300	<49.7	75.2	<49.7	75.2	58.0
HA - 1	03/11/26	4	0.0231	0.0306	<50.2	<50.2	<50.2	<50.2	43.8
HA - 2	03/11/26	0.5	0.244	25.0	77.4	150	<50.0	227	1,120
HA - 2	03/11/26	1	0.262	25.2	420	1,120	<50.2	1,540	1,910
HA - 2	03/11/26	2	<0.00202	0.0589	<50.0	1,370	<50.0	1,370	244
HA - 2	03/11/26	3	<0.00199	<0.00398	<50.2	<50.2	<50.2	<50.2	37.6
HA - 2	03/11/26	4	0.0104	0.0154	<50.0	<50.0	<50.0	<50.0	53.1
HA - 3	03/11/26	0.5	0.0214	8.38	302	970	78.4	1,350	2,510
HA - 3	03/11/26	1	15.6	395	3,420	5,520	505	9,450	355
HA - 3	03/11/26	2	0.0256	0.486	<50.1	104	86.0	190	95.4
HA - 3	03/11/26	3	0.0133	0.0256	<50.0	<50.0	<50.0	<50.0	<9.96
HA - 3	03/11/26	4	<0.00198	<0.00396	<49.8	<49.8	<49.8	<49.8	77.6
HA - 4	03/11/26	0.5	<0.00202	<0.00404	<50.0	<50.0	<50.0	<50.0	61.7
HA - 4	03/11/26	4	<0.00199	<0.00398	<49.9	<49.9	<49.9	<49.9	99.7
HA - 5	03/11/26	0.5	<0.00201	<0.00402	<50.0	<50.0	<50.0	<50.0	399
HA - 5	03/11/26	4	<0.00198	<0.00396	<49.9	<49.9	<49.9	<49.9	55.9
HA - 6	03/11/26	0.5	<0.00200	<0.00399	<50.0	<50.0	<50.0	<50.0	18.8
HA - 6	03/11/26	4	<0.00201	<0.00402	<50.0	<50.0	<50.0	<50.0	17.4
HA - 7	03/11/26	0.5	<0.00202	<0.00404	<49.9	802	96.3	898	<9.92
HA - 7	03/11/26	4	<0.00199	<0.00398	<50.0	<50.0	<50.0	<50.0	95.0

Notes:

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

NMAC: New Mexico Administrative Code

Text in "grey" represents excavated soil samples

Concentrations in **bold and highlighted** exceed the NMOCD Table I Closure Criteria and/or Reclamation Standard[†] for Soils Impacted by a Release

[†]The reclamation concentration requirements of 600 mg/kg chloride and 100 mg/kg TPH apply to the top 4 feet of areas to be immediately reclaimed following remediation pursuant to NMAC 19.15.17.13.

Agate PWU 21 CTB 1 - Site Characterization & Remediation Plan
Incident Number: nAPP2602730341
GPS: 32.64550111°, -104.085629°



PHOTO 1: Southeastern view of location sign during initial site assessment activities. 1/28/2026



PHOTO 2: Northern aerial view during initial site assessment activities. 1/28/2026

Agate PWU 21 CTB 1 - Site Characterization & Remediation Plan
Incident Number: nAPP2602730341
GPS: 32.64550111°, -104.085629°



PHOTO 3: Southeastern view during initial site assessment activities. 1/28/2026



PHOTO 4: Northwestern view during initial site assessment activities. 1/28/2026

Agate PWU 21 CTB 1 - Site Characterization & Remediation Plan
Incident Number: nAPP2602730341
GPS: 32.64550111°, -104.085629°



PHOTO 5: Southeastern view during delineation activities. 3/11/2026

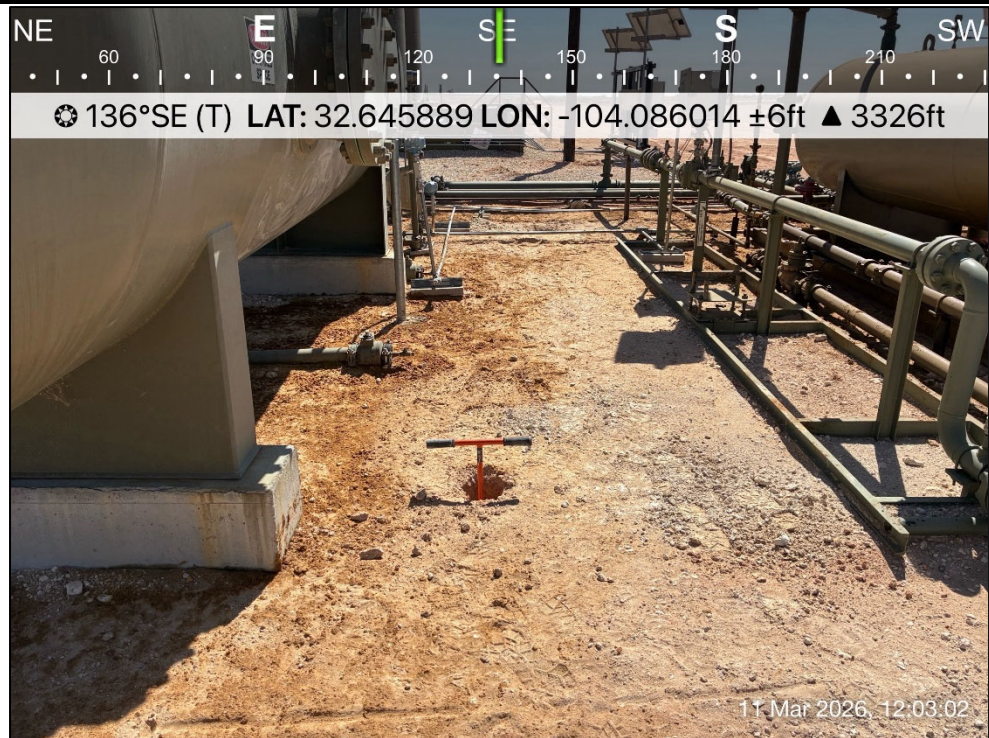


PHOTO 6: Southeastern view during delineation activities. 3/11/2025

Agate PWU 21 CTB 1 - Site Characterization & Remediation Plan
Incident Number: nAPP2602730341
GPS: 32.64550111°, -104.085629°

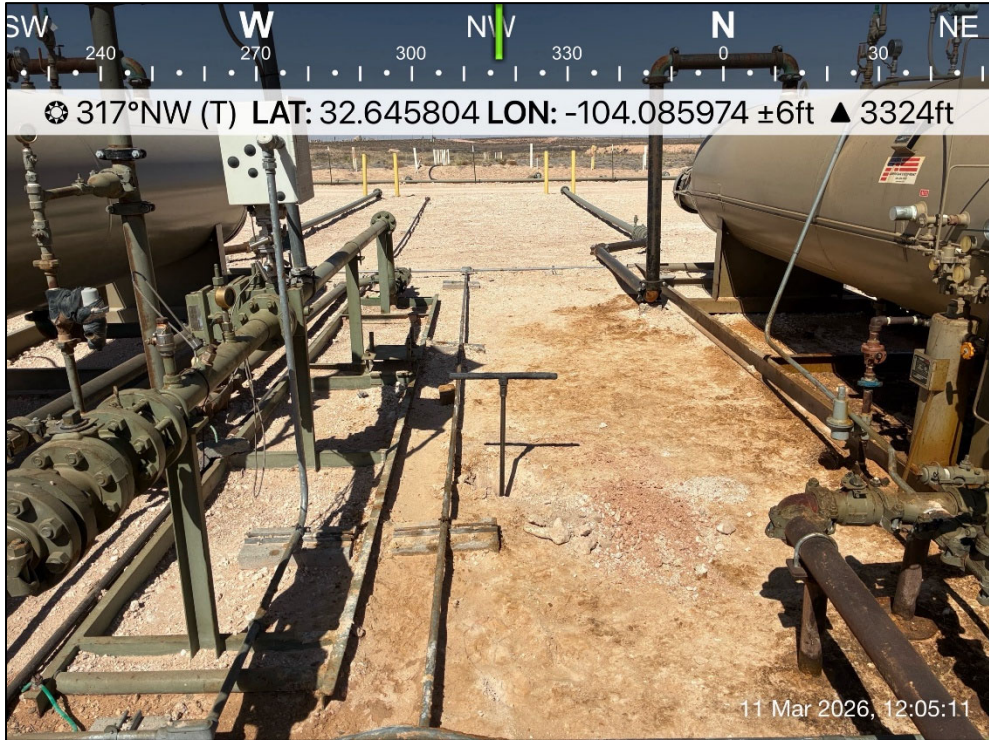


PHOTO 7: Northwestern view during delineation activities. 3/11/2026



PHOTO 8: Southeastern view during delineation activities. 3/11/2026

Agate PWU 21 CTB 1 - Site Characterization & Remediation Plan
Incident Number: nAPP2602730341
GPS: 32.64550111°, -104.085629°



PHOTO 9: Southeastern view during delineation activities. 3/11/2026

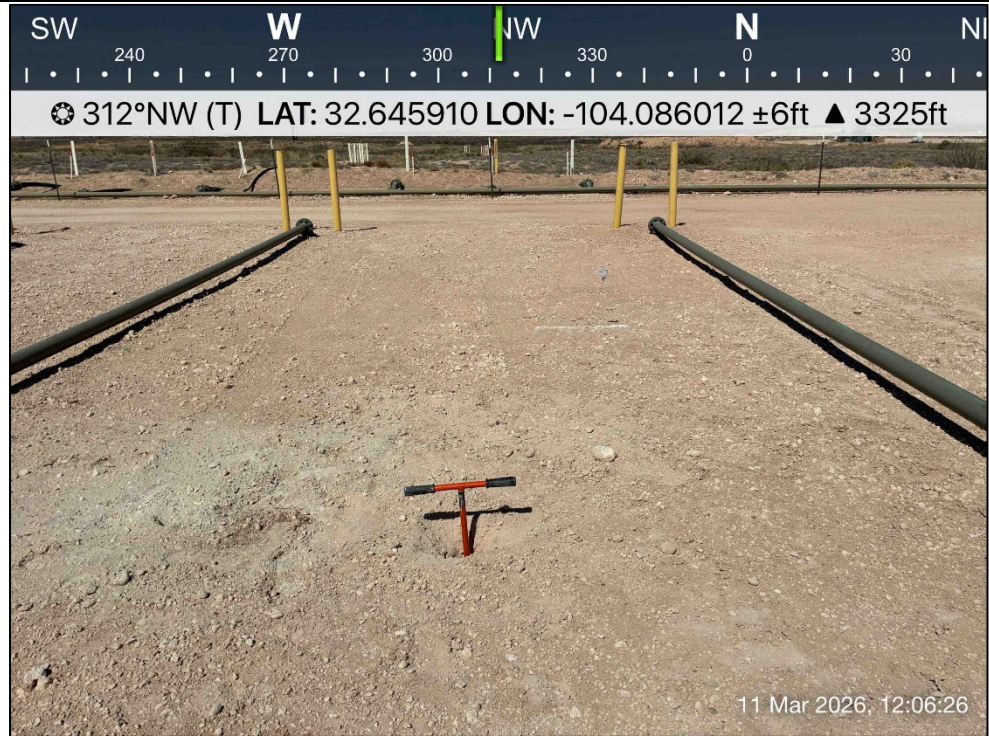


PHOTO 10: Northwestern view during delineation activities. 3/11/2026



WELL RECORD & LOG

OFFICE OF THE STATE ENGINEER

www.ose.state.nm.us

1. GENERAL AND WELL LOCATION	OSE POD NO. (WELL NO.) POD-1		WELL TAG ID NO. n/a		OSE FILE NO(S). CP-1932			
	WELL OWNER NAME(S) Devon Energy				PHONE (OPTIONAL)			
	WELL OWNER MAILING ADDRESS 6488 7 Rivers Hwy				CITY Artesia	STATE NM	ZIP 88210	
	WELL LOCATION (FROM GPS)	LATITUDE	DEGREES 32	MINUTES 38	SECONDS 13.22	* ACCURACY REQUIRED: ONE TENTH OF A SECOND		
		LONGITUDE	-104	04	14.25	* DATUM REQUIRED: WGS 84		
DESCRIPTION RELATING WELL LOCATION TO STREET ADDRESS AND COMMON LANDMARKS - PLSS (SECTION, TOWNSHIP, RANGE) WHERE AVAILABLE SW NW NW Sec. 27 T19S, R29E, NMPM								
2. DRILLING & CASING INFORMATION	LICENSE NO. 1249		NAME OF LICENSED DRILLER Jackie D. Atkins			NAME OF WELL DRILLING COMPANY Atkins Engineering Associates, Inc.		
	DRILLING STARTED 12/15/2022	DRILLING ENDED 12/15/2022	DEPTH OF COMPLETED WELL (FT) Soil Boring		BORE HOLE DEPTH (FT) ±55	DEPTH WATER FIRST ENCOUNTERED (FT) n/a		
	COMPLETED WELL IS: <input type="checkbox"/> ARTESIAN <input checked="" type="checkbox"/> DRY HOLE <input type="checkbox"/> SHALLOW (UNCONFINED)					STATIC WATER LEVEL IN COMPLETED WELL (FT) n/a	DATE STATIC MEASURED 12/21/2022	
	DRILLING FLUID: <input type="checkbox"/> AIR <input type="checkbox"/> MUD ADDITIVES - SPECIFY:							
	DRILLING METHOD: <input type="checkbox"/> ROTARY <input type="checkbox"/> HAMMER <input type="checkbox"/> CABLE TOOL <input checked="" type="checkbox"/> OTHER - SPECIFY: Hollow Stem Auger						CHECK HERE IF PITLESS ADAPTER IS INSTALLED <input type="checkbox"/>	
	DEPTH (feet bgl)		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)
	FROM	TO						
	0	55	6.5"	Soil Boring	--	--	--	--
3. ANNULAR MATERIAL	DEPTH (feet bgl)		BORE HOLE DIAM. (inches)	LIST ANNULAR SEAL MATERIAL AND GRAVEL PACK SIZE-RANGE BY INTERVAL	AMOUNT (cubic feet)	METHOD OF PLACEMENT		
	FROM	TO						

USE DIT DEC 28 2022 PM 2:21

FOR OSE INTERNAL USE				WR-20 WELL RECORD & LOG (Version 01/28/2022)			
FILE NO.	CD-1932	POD NO.	1	TRN NO.	738670		
LOCATION	19S.29E.27	311	WELL TAG ID NO.	NA	PAGE 1 OF 2		



RE: (Extension Request) Devon - Agate PWU 21 CTB 1 (No API/ nAPP2602730341) - 1/26/2026

From SLO Spills <ECO@nmslo.gov>
Date Fri 4/24/2026 1:28 PM
To Gilbert Moreno <gmoreno@earthsys.net>
Cc Raley, Jim <jim.raley@dvn.com>

Gilbert

Per 19.15.29 NMAC, if a spill cannot be remediated within 90 dys you are required to submit a remediation workplan. ECO follows this rule closely. We will accept NMOCD's extension, if approved, but Devon must submit a remediation workplan to ECO...technically it should be submitted to NMOCD also. We know OCD allows for at risk closure, but we do not.

Thank you



Tami C. Knight, CHMM
Senior Environmental Scientist
Environmental Compliance Office
Mobile: 505.670.1638



tknight@nmslo.gov
nmstatelands.org

OOO: May 1, 6-7, & 12. NMSLO Closed May 25

NOTE: New requests to meet with ECO are now only scheduled for Tuesdays and Thursdays, 2-4 PM MST. Existing scheduled meetings are not affected.

.....
CONFIDENTIALITY NOTICE - This e-mail transmission, including all documents, files, or previous e-mail messages attached hereto, may contain confidential and/or legally privileged information. If you are not the intended recipient, or a person responsible for delivering it to the intended recipient, you are hereby notified that you must not read this transmission and that any disclosure, copying, printing, distribution, or use of any of the information contained in and/or attached to this transmission is STRICTLY PROHIBITED. If you have received this transmission in error, please immediately notify the sender and delete the original transmission and its attachments without reading or saving in any manner. Thank you.

From: Gilbert Moreno <gmoreno@earthsys.net>
Sent: Friday, April 24, 2026 12:58 PM
To: Enviro, OCD, EMNRD <ocd.enviro@emnrd.nm.gov>; SLO Spills <ECO@nmslo.gov>
Cc: Raley, Jim <jim.raley@dvn.com>
Subject: [EXTERNAL] (Extension Request) Devon - Agate PWU 21 CTB 1 (No API/ nAPP2602730341) - 1/26/2026

Hello,

Earth Systems R & R (ESRR) on behalf of Devon Energy (Devon) is requesting an extension to the current deadline for a report required in 19.15.29.12.B(1) NMAC at the Agate PWU 21 CTB 1 (Site).

A produced water release was discovered on January 26, 2026, and was subsequently assigned Incident Number nAPP2602730341. ESRR performed initial site assessment activities on January 28, 2026. Upon better weather conditions and re-assessment and review after snowmelt, ESRR completed delineation activities on March 11, 2026. Due to an influx of remediation projects requiring Devon oversight, remediation activities have been delayed until proper oversight can be in place while excavating near subsurface pipelines and utilities. Remediation activities are anticipated to begin mid to late May of 2026, once a third-party contractor has been determined by Devon.

Devon requests an extension of the April 27, 2026, deadline for the release associated with Incident Number nAPP2602730341, to allow additional time to complete remediation activities and for ESRR to complete a subsequent corrective action closure report, given favorable laboratory analytical results and no further delays.

Thanks,

Gilbert Moreno

Carlsbad Operations Manager- Project Geologist

O: (575) 323-9034 C: (832) 541-7719

gmoreno@earthsys.net

earthsys.net



This email may contain confidential and privileged material for the sole use of the intended recipient(s) for coordination of its work efforts with Earth Systems. Any review, use, distribution or disclosure by others is strictly prohibited. This data is subject to change at the discretion of Earth Systems. If you have received this communication in error, please notify the sender immediately by email and delete the message and any file attachments from your computer.



(Extension Approval) - Devon - Agate PWU 21 CTB 1 (No API/ nAPP2602730341) - 1/26/2026

From Hamlet, Robert, EMNRD <Robert.Hamlet@emnrd.nm.gov>
Date Fri 4/24/2026 2:03 PM
To Gilbert Moreno <gmoreno@earthsys.net>
Cc Raley, Jim <jim.raley@dvn.com>; Bratcher, Michael, EMNRD <mike.bratcher@emnrd.nm.gov>; Wells, Shelly, EMNRD <Shelly.Wells@emnrd.nm.gov>

RE: Incident #nAPP2602730341 AGATE PWU 21 CTB 1

Gilbert,

A 90-day extension is approved. Please have a remediation closure report uploaded to the OCD Permitting Portal no later than **July 23rd, 2026**. Include this e-mail correspondence in the 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: Friday, April 24, 2026 1:06 PM
To: Hamlet, Robert, EMNRD <Robert.Hamlet@emnrd.nm.gov>
Cc: Bratcher, Michael, EMNRD <mike.bratcher@emnrd.nm.gov>
Subject: FW: [EXTERNAL] (Extension Request) Devon - Agate PWU 21 CTB 1 (No API/ nAPP2602730341) - 1/26/2026

From: Gilbert Moreno <gmoreno@earthsys.net>
Sent: Friday, April 24, 2026 12:58 PM
To: Enviro, OCD, EMNRD <OCD.Enviro@emnrd.nm.gov>; SLO Spills <eco@nmslo.gov>
Cc: Raley, Jim <jim.raley@dvn.com>
Subject: [EXTERNAL] (Extension Request) Devon - Agate PWU 21 CTB 1 (No API/ nAPP2602730341) - 1/26/2026

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

Hello,

Earth Systems R & R (ESRR) on behalf of Devon Energy (Devon) is requesting an extension to the current deadline for a report required in 19.15.29.12.B(1) NMAC at the Agate PWU 21 CTB 1 (Site).

A produced water release was discovered on January 26, 2026, and was subsequently assigned Incident Number nAPP2602730341. ESRR performed initial site assessment activities on January 28, 2026. Upon better weather conditions and re-assessment and review after snowmelt, ESRR completed delineation activities on March 11, 2026. Due to an influx of remediation projects requiring Devon oversight, remediation activities have been delayed until proper oversight can be in place while excavating near subsurface pipelines and utilities. Remediation activities are anticipated to begin mid to late May of 2026, once a third-party contractor has been determined by Devon.

Devon requests an extension of the April 27, 2026, deadline for the release associated with Incident Number nAPP2602730341, to allow additional time to complete remediation activities and for ESRR to complete a subsequent corrective action closure report, given favorable laboratory analytical results and no further delays.

Thanks,

Gilbert Moreno

Carlsbad Operations Manager- Project Geologist

O: (575) 323-9034 C: (832) 541-7719

gmoreno@earthsys.net

earthsys.net



This email may contain confidential and privileged material for the sole use of the intended recipient(s) for coordination of its work efforts with Earth Systems. Any review, use, distribution or disclosure by others is strictly prohibited. This data is subject to change at the discretion of Earth Systems. If you have received this communication in error, please notify the sender immediately by email and delete the message and any file attachments from your computer.

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 561169

QUESTIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 561169
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2602730341
Incident Name	NAPP2602730341 AGATE PWU 21 CTB 1 @ FAPP2129451057
Incident Type	Produced Water Release
Incident Status	Initial C-141 Approved
Incident Facility	[fAPP2129451057] AGATE PWU 21 CTB 1

Location of Release Source	
Site Name	AGATE PWU 21 CTB 1
Date Release Discovered	01/26/2026
Surface Owner	State

Sampling Event General Information	
<i>Please answer all the questions in this group.</i>	
What is the sampling surface area in square feet	1,000
What is the estimated number of samples that will be gathered	20
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	03/11/2026
Time sampling will commence	12:00 PM
Please provide any information necessary for observers to contact samplers	Gilbert Moreno (832) 541-7719
Please provide any information necessary for navigation to sampling site	32.64550111,-104.085629

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 561169

CONDITIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 561169
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

CONDITIONS

Created By	Condition	Condition Date
jraley	Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.	3/9/2026
jraley	If confirmation sampling is going to take place over multiple days, individual C-141N applications must be submitted for each sampling date. Date ranges are not currently accepted on the C-141N application.	3/9/2026



Environment Testing

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

ANALYTICAL REPORT

PREPARED FOR

Attn: Gilbert Moreno
 Earth Systems Response and Restoration
 5114 WCR 128
 Midland, Texas 79706
 Generated 3/23/2026 1:48:56 PM

JOB DESCRIPTION

Agate PWU 21 CTB 1
 8744

JOB NUMBER

890-9632-1



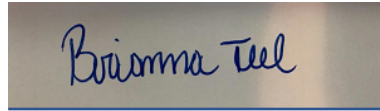
Eurofins Carlsbad

Job Notes

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

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

Authorization



Generated
3/23/2026 1:48:56 PM

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

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

Client: Earth Systems Response and Restoration
Project/Site: Agate PWU 21 CTB 1

Laboratory Job ID: 890-9632-1
SDG: 8744

Table of Contents

Cover Page	1
Table of Contents	3
Definitions/Glossary	4
Case Narrative	5
Client Sample Results	7
Surrogate Summary	19
QC Sample Results	21
QC Association Summary	31
Lab Chronicle	37
Certification Summary	42
Method Summary	43
Sample Summary	44
Chain of Custody	45
Receipt Checklists	47



Definitions/Glossary

Client: Earth Systems Response and Restoration
Project/Site: Agate PWU 21 CTB 1

Job ID: 890-9632-1
SDG: 8744

Qualifiers

GC VOA

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

GC Semi VOA

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

HPLC/IC

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

Glossary

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

Case Narrative

Client: Earth Systems Response and Restoration
Project: Agate PWU 21 CTB 1

Job ID: 890-9632-1

Job ID: 890-9632-1

Eurofins Carlsbad

Job Narrative 890-9632-1

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

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

Receipt

The samples were received on 3/12/2026 8:33 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was -10.4°C.

Receipt Exceptions

The following samples were received and analyzed from an unpreserved bulk soil jar: HA-1 (890-9632-1), HA-1 (890-9632-2), HA-1 (890-9632-3), HA-1 (890-9632-4), HA-1 (890-9632-5), HA-2 (890-9632-6), HA-2 (890-9632-7), HA-2 (890-9632-8), HA-2 (890-9632-9), HA-2 (890-9632-10), HA-3 (890-9632-11), HA-3 (890-9632-12), HA-3 (890-9632-13), HA-3 (890-9632-14) and HA-3 (890-9632-15).

GC VOA

Method 8021B: Surrogate recovery for the following samples were outside control limits: HA-1 (890-9632-3), HA-1 (890-9632-4) and HA-2 (890-9632-9). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8021B: The native sample, matrix spike, and matrix spike duplicate (MS/MSD) associated with preparation batch 880-135270 and analytical batch 880-135248 were performed at the same dilution. Due to the additional level of analyte present in the spiked samples, the concentration of Toluene, Ethylbenzene, m-Xylene & p-Xylene and o-Xylene in the MS/MSD was above the instrument calibration range. The data have been reported and qualified.

Method 8021B: Surrogate recovery for the following samples were outside control limits: HA-1 (890-9632-1), HA-1 (890-9632-2), HA-2 (890-9632-6) and HA-2 (890-9632-7). Evidence of matrix interferences is not obvious.

Method 8021B: Surrogate recovery for the following sample was outside control limits: HA-1 (890-9632-2). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

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

Diesel Range Organics

Method 8015B NM: Surrogate recovery for the following sample was outside control limits: HA-3 (890-9632-14). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8015B NM: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-134823 and analytical batch 880-135260 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

Method 8015B NM: Surrogate recovery for the following sample was outside control limits: (MB 880-134823/1-A). Evidence of matrix interferences is not obvious.

Method 8015B NM: Surrogate recovery for the following samples were outside control limits: HA-3 (890-9632-12), (LCS 880-134823/2-A), (LCSD 880-134823/3-A), (890-9632-A-11-E MS) and (890-9632-A-11-F MSD). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8015B NM: Surrogate recovery for the following sample was outside control limits: HA-3 (890-9632-11). Evidence of

Eurofins Carlsbad

Case Narrative

Client: Earth Systems Response and Restoration
Project: Agate PWU 21 CTB 1

Job ID: 890-9632-1

Job ID: 890-9632-1 (Continued)

Eurofins Carlsbad

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

Method 8015B NM: Surrogate recovery for the following sample was outside control limits: HA-3 (890-9632-13). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8015B NM: Surrogate recovery for the following sample was outside control limits: HA-3 (890-9632-15). Evidence of matrix interferences is not obvious.

Method 8015B NM: Surrogate recovery for the following sample was outside control limits: HA-1 (890-9632-1). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8015B NM: Surrogate recovery for the following samples were outside control limits: HA-2 (890-9632-7) and HA-2 (890-9632-8). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8015B NM: Surrogate recovery for the following samples were outside control limits: HA-1 (890-9632-3), HA-1 (890-9632-4), HA-1 (890-9632-5), HA-2 (890-9632-6) and HA-2 (890-9632-10). Evidence of matrix interferences is not obvious.

Method 8015B NM: Surrogate recovery for the following sample was outside the upper control limit: HA-2 (890-9632-9). This sample did not contain any target analytes; therefore, re-extraction and/or re-analysis was not performed.

Method 8015B NM: Surrogate recovery for the following sample was outside control limits: HA-1 (890-9632-2). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8015B NM: Surrogate recovery for the following sample was outside control limits: (MB 880-135252/1-A). 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

Method 300.0 - Soluble: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-134782 and analytical batch 880-134798 were outside control limits for Chloride . See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

The associated samples are: HA-1 (890-9632-1), HA-1 (890-9632-2), HA-1 (890-9632-3), HA-2 (890-9632-6), HA-2 (890-9632-7), HA-2 (890-9632-8), HA-2 (890-9632-9), HA-2 (890-9632-10), (890-9632-A-1-B MS) and (890-9632-A-1-C MSD).

Method 300.0 - Soluble: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-134782 and analytical batch 880-134798 were outside control limits for Chloride . See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

The associated samples are: HA-1 (890-9632-4), HA-1 (890-9632-5), HA-3 (890-9632-11), HA-3 (890-9632-12), HA-3 (890-9632-13), HA-3 (890-9632-14), HA-3 (890-9632-15), (CCV 880-134798/25), (890-9632-A-11-B MS) and (890-9632-A-11-C MSD).

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

Eurofins Carlsbad

Client Sample Results

Client: Earth Systems Response and Restoration
 Project/Site: Agate PWU 21 CTB 1

Job ID: 890-9632-1
 SDG: 8744

Client Sample ID: HA-1

Lab Sample ID: 890-9632-1

Date Collected: 03/11/26 12:00

Matrix: Solid

Date Received: 03/12/26 08:33

Sample Depth: 0.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.00610		0.00201		mg/Kg		03/18/26 10:31	03/18/26 13:34	1
Toluene	0.662		0.100		mg/Kg		03/19/26 11:33	03/19/26 18:15	50
Ethylbenzene	0.310	F1	0.00201		mg/Kg		03/18/26 10:31	03/18/26 13:34	1
m-Xylene & p-Xylene	9.25		0.201		mg/Kg		03/19/26 11:33	03/19/26 18:15	50
o-Xylene	4.08		0.100		mg/Kg		03/19/26 11:33	03/19/26 18:15	50
Xylenes, Total	13.3		0.201		mg/Kg		03/19/26 11:33	03/19/26 18:15	50

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	256	S1+	70 - 130	03/18/26 10:31	03/18/26 13:34	1
1,4-Difluorobenzene (Surr)	93		70 - 130	03/18/26 10:31	03/18/26 13:34	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	14.3		0.201		mg/Kg			03/19/26 18:15	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	6860		50.0		mg/Kg			03/18/26 21:44	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	1170		50.0		mg/Kg		03/13/26 12:49	03/18/26 21:44	1
Diesel Range Organics (Over C10-C28)	5600		50.0		mg/Kg		03/13/26 12:49	03/18/26 21:44	1
Oil Range Organics (Over C28-C36)	91.9		50.0		mg/Kg		03/13/26 12:49	03/18/26 21:44	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	170	S1+	70 - 130	03/13/26 12:49	03/18/26 21:44	1
o-Terphenyl	185	S1+	70 - 130	03/13/26 12:49	03/18/26 21:44	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	5170	F1	101		mg/Kg			03/13/26 18:28	10

Client Sample ID: HA-1

Lab Sample ID: 890-9632-2

Date Collected: 03/11/26 12:05

Matrix: Solid

Date Received: 03/12/26 08:33

Sample Depth: 1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.976		0.0990		mg/Kg		03/19/26 11:33	03/19/26 18:35	50
Toluene	52.8		0.398		mg/Kg		03/20/26 10:20	03/20/26 16:04	200
Ethylbenzene	25.9		0.398		mg/Kg		03/20/26 10:20	03/20/26 16:04	200
m-Xylene & p-Xylene	102		0.795		mg/Kg		03/20/26 10:20	03/20/26 16:04	200
o-Xylene	31.2		0.398		mg/Kg		03/20/26 10:20	03/20/26 16:04	200
Xylenes, Total	133		0.795		mg/Kg		03/20/26 10:20	03/20/26 16:04	200

Eurofins Carlsbad

Client Sample Results

Client: Earth Systems Response and Restoration
 Project/Site: Agate PWU 21 CTB 1

Job ID: 890-9632-1
 SDG: 8744

Client Sample ID: HA-1

Lab Sample ID: 890-9632-2

Date Collected: 03/11/26 12:05

Matrix: Solid

Date Received: 03/12/26 08:33

Sample Depth: 1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	426	S1+	70 - 130	03/18/26 10:31	03/18/26 13:55	1
1,4-Difluorobenzene (Surr)	882	S1+	70 - 130	03/18/26 10:31	03/18/26 13:55	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	213		0.795		mg/Kg			03/20/26 16:04	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	17100		250		mg/Kg			03/20/26 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	6130		250		mg/Kg		03/18/26 09:16	03/20/26 07:16	5
Diesel Range Organics (Over C10-C28)	11000		250		mg/Kg		03/18/26 09:16	03/20/26 07:16	5
Oil Range Organics (Over C28-C36)	<250	U	250		mg/Kg		03/18/26 09:16	03/20/26 07:16	5

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	303	S1+	70 - 130	03/18/26 09:16	03/20/26 07:16	5
o-Terphenyl	210	S1+	70 - 130	03/18/26 09:16	03/20/26 07:16	5

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	4560		199		mg/Kg			03/13/26 18:48	20

Client Sample ID: HA-1

Lab Sample ID: 890-9632-3

Date Collected: 03/11/26 12:10

Matrix: Solid

Date Received: 03/12/26 08:33

Sample Depth: 2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.00516		0.00199		mg/Kg		03/18/26 10:31	03/18/26 14:15	1
Toluene	0.0153		0.00199		mg/Kg		03/18/26 10:31	03/18/26 14:15	1
Ethylbenzene	0.0301		0.00199		mg/Kg		03/18/26 10:31	03/18/26 14:15	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		03/18/26 10:31	03/18/26 14:15	1
o-Xylene	0.188		0.00199		mg/Kg		03/18/26 10:31	03/18/26 14:15	1
Xylenes, Total	0.188		0.00398		mg/Kg		03/18/26 10:31	03/18/26 14:15	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	61	S1-	70 - 130	03/18/26 10:31	03/18/26 14:15	1
1,4-Difluorobenzene (Surr)	110		70 - 130	03/18/26 10:31	03/18/26 14:15	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.239		0.00398		mg/Kg			03/18/26 14:15	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	996		50.1		mg/Kg			03/18/26 22:14	1

Eurofins Carlsbad

Client Sample Results

Client: Earth Systems Response and Restoration
 Project/Site: Agate PWU 21 CTB 1

Job ID: 890-9632-1
 SDG: 8744

Client Sample ID: HA-1

Lab Sample ID: 890-9632-3

Date Collected: 03/11/26 12:10

Matrix: Solid

Date Received: 03/12/26 08:33

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	149		50.1		mg/Kg		03/13/26 12:49	03/18/26 22:14	1
Diesel Range Organics (Over C10-C28)	661		50.1		mg/Kg		03/13/26 12:49	03/18/26 22:14	1
Oil Range Organics (Over C28-C36)	186		50.1		mg/Kg		03/13/26 12:49	03/18/26 22:14	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	134	S1+	70 - 130				03/13/26 12:49	03/18/26 22:14	1
o-Terphenyl	119		70 - 130				03/13/26 12:49	03/18/26 22:14	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	627		99.8		mg/Kg			03/13/26 18:54	10

Client Sample ID: HA-1

Lab Sample ID: 890-9632-4

Date Collected: 03/11/26 12:15

Matrix: Solid

Date Received: 03/12/26 08:33

Sample Depth: 3

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.00836		0.00198		mg/Kg		03/18/26 10:31	03/18/26 14:36	1
Toluene	0.00344		0.00198		mg/Kg		03/18/26 10:31	03/18/26 14:36	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		03/18/26 10:31	03/18/26 14:36	1
m-Xylene & p-Xylene	0.00504		0.00396		mg/Kg		03/18/26 10:31	03/18/26 14:36	1
o-Xylene	0.0132		0.00198		mg/Kg		03/18/26 10:31	03/18/26 14:36	1
Xylenes, Total	0.0182		0.00396		mg/Kg		03/18/26 10:31	03/18/26 14:36	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	144	S1+	70 - 130				03/18/26 10:31	03/18/26 14:36	1
1,4-Difluorobenzene (Surr)	96		70 - 130				03/18/26 10:31	03/18/26 14:36	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.0300		0.00396		mg/Kg			03/18/26 14:36	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	75.2		49.7		mg/Kg			03/18/26 22:29	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		03/13/26 12:49	03/18/26 22:29	1
Diesel Range Organics (Over C10-C28)	75.2		49.7		mg/Kg		03/13/26 12:49	03/18/26 22:29	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		03/13/26 12:49	03/18/26 22:29	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	137	S1+	70 - 130				03/13/26 12:49	03/18/26 22:29	1
o-Terphenyl	124		70 - 130				03/13/26 12:49	03/18/26 22:29	1

Eurofins Carlsbad

Client Sample Results

Client: Earth Systems Response and Restoration
 Project/Site: Agate PWU 21 CTB 1

Job ID: 890-9632-1
 SDG: 8744

Client Sample ID: HA-1

Lab Sample ID: 890-9632-4

Date Collected: 03/11/26 12:15

Matrix: Solid

Date Received: 03/12/26 08:33

Sample Depth: 3

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	58.0		9.92		mg/Kg			03/13/26 21:52	1

Client Sample ID: HA-1

Lab Sample ID: 890-9632-5

Date Collected: 03/11/26 12:20

Matrix: Solid

Date Received: 03/12/26 08:33

Sample Depth: 4

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.0231		0.00199		mg/Kg		03/18/26 10:31	03/18/26 14:56	1
Toluene	0.00219		0.00199		mg/Kg		03/18/26 10:31	03/18/26 14:56	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		03/18/26 10:31	03/18/26 14:56	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		03/18/26 10:31	03/18/26 14:56	1
o-Xylene	0.00534		0.00199		mg/Kg		03/18/26 10:31	03/18/26 14:56	1
Xylenes, Total	0.00534		0.00398		mg/Kg		03/18/26 10:31	03/18/26 14:56	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	119		70 - 130				03/18/26 10:31	03/18/26 14:56	1
1,4-Difluorobenzene (Surr)	111		70 - 130				03/18/26 10:31	03/18/26 14:56	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.0306		0.00398		mg/Kg			03/18/26 14:56	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.2	U	50.2		mg/Kg			03/18/26 22:45	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.2	U	50.2		mg/Kg		03/13/26 12:49	03/18/26 22:45	1
Diesel Range Organics (Over C10-C28)	<50.2	U	50.2		mg/Kg		03/13/26 12:49	03/18/26 22:45	1
Oil Range Organics (Over C28-C36)	<50.2	U	50.2		mg/Kg		03/13/26 12:49	03/18/26 22:45	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	138	S1+	70 - 130				03/13/26 12:49	03/18/26 22:45	1
o-Terphenyl	124		70 - 130				03/13/26 12:49	03/18/26 22:45	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	43.8		10.0		mg/Kg			03/13/26 21:59	1

Client Sample Results

Client: Earth Systems Response and Restoration
 Project/Site: Agate PWU 21 CTB 1

Job ID: 890-9632-1
 SDG: 8744

Client Sample ID: HA-2

Lab Sample ID: 890-9632-6

Date Collected: 03/11/26 12:25

Matrix: Solid

Date Received: 03/12/26 08:33

Sample Depth: 0.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.244		0.00200		mg/Kg		03/18/26 10:31	03/18/26 15:17	1
Toluene	3.71		0.0998		mg/Kg		03/19/26 11:33	03/19/26 18:56	50
Ethylbenzene	2.18		0.0998		mg/Kg		03/19/26 11:33	03/19/26 18:56	50
m-Xylene & p-Xylene	11.4		0.200		mg/Kg		03/19/26 11:33	03/19/26 18:56	50
o-Xylene	7.50		0.0998		mg/Kg		03/19/26 11:33	03/19/26 18:56	50
Xylenes, Total	18.9		0.200		mg/Kg		03/19/26 11:33	03/19/26 18:56	50

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	241	S1+	70 - 130	03/18/26 10:31	03/18/26 15:17	1
1,4-Difluorobenzene (Surr)	106		70 - 130	03/18/26 10:31	03/18/26 15:17	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	25.0		0.200		mg/Kg			03/19/26 18:56	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	227		50.0		mg/Kg			03/18/26 22:59	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	77.4		50.0		mg/Kg		03/13/26 12:49	03/18/26 22:59	1
Diesel Range Organics (Over C10-C28)	150		50.0		mg/Kg		03/13/26 12:49	03/18/26 22:59	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		03/13/26 12:49	03/18/26 22:59	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	144	S1+	70 - 130	03/13/26 12:49	03/18/26 22:59	1
o-Terphenyl	128		70 - 130	03/13/26 12:49	03/18/26 22:59	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1120		9.92		mg/Kg			03/13/26 19:28	1

Client Sample ID: HA-2

Lab Sample ID: 890-9632-7

Date Collected: 03/11/26 12:30

Matrix: Solid

Date Received: 03/12/26 08:33

Sample Depth: 1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.262		0.00201		mg/Kg		03/18/26 10:31	03/18/26 15:37	1
Toluene	6.38		0.100		mg/Kg		03/19/26 11:33	03/19/26 19:16	50
Ethylbenzene	0.377		0.00201		mg/Kg		03/18/26 10:31	03/18/26 15:37	1
m-Xylene & p-Xylene	13.0		0.201		mg/Kg		03/19/26 11:33	03/19/26 19:16	50
o-Xylene	5.23		0.100		mg/Kg		03/19/26 11:33	03/19/26 19:16	50
Xylenes, Total	18.2		0.201		mg/Kg		03/19/26 11:33	03/19/26 19:16	50

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	85		70 - 130	03/18/26 10:31	03/18/26 15:37	1

Eurofins Carlsbad

Client Sample Results

Client: Earth Systems Response and Restoration
 Project/Site: Agate PWU 21 CTB 1

Job ID: 890-9632-1
 SDG: 8744

Client Sample ID: HA-2

Lab Sample ID: 890-9632-7

Date Collected: 03/11/26 12:30

Matrix: Solid

Date Received: 03/12/26 08:33

Sample Depth: 1

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	185	S1+	70 - 130	03/18/26 10:31	03/18/26 15:37	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	25.2		0.201		mg/Kg			03/19/26 19:16	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	1540		50.2		mg/Kg			03/18/26 23:14	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	420		50.2		mg/Kg		03/13/26 12:49	03/18/26 23:14	1
Diesel Range Organics (Over C10-C28)	1120		50.2		mg/Kg		03/13/26 12:49	03/18/26 23:14	1
Oil Range Organics (Over C28-C36)	<50.2	U	50.2		mg/Kg		03/13/26 12:49	03/18/26 23:14	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	145	S1+	70 - 130	03/13/26 12:49	03/18/26 23:14	1
o-Terphenyl	135	S1+	70 - 130	03/13/26 12:49	03/18/26 23:14	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1910		99.8		mg/Kg			03/13/26 19:34	10

Client Sample ID: HA-2

Lab Sample ID: 890-9632-8

Date Collected: 03/11/26 12:35

Matrix: Solid

Date Received: 03/12/26 08:33

Sample Depth: 2

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		03/18/26 10:31	03/18/26 15:57	1
Toluene	0.0169		0.00202		mg/Kg		03/18/26 10:31	03/18/26 15:57	1
Ethylbenzene	0.00658		0.00202		mg/Kg		03/18/26 10:31	03/18/26 15:57	1
m-Xylene & p-Xylene	0.0255		0.00404		mg/Kg		03/18/26 10:31	03/18/26 15:57	1
o-Xylene	0.00992		0.00202		mg/Kg		03/18/26 10:31	03/18/26 15:57	1
Xylenes, Total	0.0354		0.00404		mg/Kg		03/18/26 10:31	03/18/26 15:57	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	107		70 - 130	03/18/26 10:31	03/18/26 15:57	1
1,4-Difluorobenzene (Surr)	95		70 - 130	03/18/26 10:31	03/18/26 15:57	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.0589		0.00404		mg/Kg			03/18/26 15:57	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	1370		50.0		mg/Kg			03/18/26 23:29	1

Eurofins Carlsbad

Client Sample Results

Client: Earth Systems Response and Restoration
 Project/Site: Agate PWU 21 CTB 1

Job ID: 890-9632-1
 SDG: 8744

Client Sample ID: HA-2

Lab Sample ID: 890-9632-8

Date Collected: 03/11/26 12:35

Matrix: Solid

Date Received: 03/12/26 08:33

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		03/13/26 12:49	03/18/26 23:29	1
Diesel Range Organics (Over C10-C28)	1370		50.0		mg/Kg		03/13/26 12:49	03/18/26 23:29	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		03/13/26 12:49	03/18/26 23:29	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	159	S1+	70 - 130				03/13/26 12:49	03/18/26 23:29	1
o-Terphenyl	146	S1+	70 - 130				03/13/26 12:49	03/18/26 23:29	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	244		9.94		mg/Kg			03/13/26 20:00	1

Client Sample ID: HA-2

Lab Sample ID: 890-9632-9

Date Collected: 03/11/26 12:40

Matrix: Solid

Date Received: 03/12/26 08:33

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		03/18/26 10:31	03/18/26 16:18	1
Toluene	<0.00199	U	0.00199		mg/Kg		03/18/26 10:31	03/18/26 16:18	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		03/18/26 10:31	03/18/26 16:18	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		03/18/26 10:31	03/18/26 16:18	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		03/18/26 10:31	03/18/26 16:18	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		03/18/26 10:31	03/18/26 16:18	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	131	S1+	70 - 130				03/18/26 10:31	03/18/26 16:18	1
1,4-Difluorobenzene (Surr)	96		70 - 130				03/18/26 10:31	03/18/26 16:18	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			03/18/26 16:18	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.2	U	50.2		mg/Kg			03/18/26 23:44	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	<50.2	U	50.2		mg/Kg		03/13/26 12:49	03/18/26 23:44	1
Diesel Range Organics (Over C10-C28)	<50.2	U	50.2		mg/Kg		03/13/26 12:49	03/18/26 23:44	1
Oil Range Organics (Over C28-C36)	<50.2	U	50.2		mg/Kg		03/13/26 12:49	03/18/26 23:44	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	138	S1+	70 - 130				03/13/26 12:49	03/18/26 23:44	1
o-Terphenyl	121		70 - 130				03/13/26 12:49	03/18/26 23:44	1

Eurofins Carlsbad

Client Sample Results

Client: Earth Systems Response and Restoration
 Project/Site: Agate PWU 21 CTB 1

Job ID: 890-9632-1
 SDG: 8744

Client Sample ID: HA-2

Lab Sample ID: 890-9632-9

Date Collected: 03/11/26 12:40

Matrix: Solid

Date Received: 03/12/26 08:33

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		10.0		mg/Kg			03/13/26 20:06	1

Client Sample ID: HA-2

Lab Sample ID: 890-9632-10

Date Collected: 03/11/26 12:45

Matrix: Solid

Date Received: 03/12/26 08:33

Sample Depth: 4

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.0104		0.00200		mg/Kg		03/18/26 10:31	03/18/26 16:38	1
Toluene	0.00496		0.00200		mg/Kg		03/18/26 10:31	03/18/26 16:38	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		03/18/26 10:31	03/18/26 16:38	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		03/18/26 10:31	03/18/26 16:38	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		03/18/26 10:31	03/18/26 16:38	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		03/18/26 10:31	03/18/26 16:38	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		70 - 130				03/18/26 10:31	03/18/26 16:38	1
1,4-Difluorobenzene (Surr)	98		70 - 130				03/18/26 10:31	03/18/26 16:38	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.0154		0.00400		mg/Kg			03/18/26 16:38	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			03/18/26 23:59	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	<50.0	U	50.0		mg/Kg		03/13/26 12:49	03/18/26 23:59	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		03/13/26 12:49	03/18/26 23:59	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		03/13/26 12:49	03/18/26 23:59	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	144	S1+	70 - 130				03/13/26 12:49	03/18/26 23:59	1
o-Terphenyl	124		70 - 130				03/13/26 12:49	03/18/26 23:59	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	53.1		10.0		mg/Kg			03/13/26 20:13	1

Client Sample Results

Client: Earth Systems Response and Restoration
 Project/Site: Agate PWU 21 CTB 1

Job ID: 890-9632-1
 SDG: 8744

Client Sample ID: HA-3

Lab Sample ID: 890-9632-11

Date Collected: 03/11/26 12:50

Matrix: Solid

Date Received: 03/12/26 08:33

Sample Depth: 0.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.0214		0.00200		mg/Kg		03/18/26 10:31	03/18/26 18:13	1
Toluene	0.357		0.00200		mg/Kg		03/18/26 10:31	03/18/26 18:13	1
Ethylbenzene	0.285		0.00200		mg/Kg		03/18/26 10:31	03/18/26 18:13	1
m-Xylene & p-Xylene	0.119		0.00399		mg/Kg		03/18/26 10:31	03/18/26 18:13	1
o-Xylene	7.60		0.101		mg/Kg		03/20/26 08:00	03/20/26 13:41	50
Xylenes, Total	19.9		0.202		mg/Kg		03/20/26 08:00	03/20/26 13:41	50

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	157	S1+	70 - 130	03/18/26 10:31	03/18/26 18:13	1
1,4-Difluorobenzene (Surr)	91		70 - 130	03/18/26 10:31	03/18/26 18:13	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	8.38		0.00399		mg/Kg			03/20/26 13:41	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	1350		50.1		mg/Kg			03/18/26 18:28	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	302	F1	50.1		mg/Kg		03/13/26 12:39	03/18/26 18:28	1
Diesel Range Organics (Over C10-C28)	970	F1	50.1		mg/Kg		03/13/26 12:39	03/18/26 18:28	1
Oil Range Organics (Over C28-C36)	78.4		50.1		mg/Kg		03/13/26 12:39	03/18/26 18:28	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	135	S1+	70 - 130	03/13/26 12:39	03/18/26 18:28	1
o-Terphenyl	176	S1+	70 - 130	03/13/26 12:39	03/18/26 18:28	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2510	F1	50.1		mg/Kg			03/13/26 20:19	5

Client Sample ID: HA-3

Lab Sample ID: 890-9632-12

Date Collected: 03/11/26 12:55

Matrix: Solid

Date Received: 03/12/26 08:33

Sample Depth: 1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	15.6		0.994		mg/Kg		03/22/26 08:00	03/22/26 19:00	500
Toluene	113		0.994		mg/Kg		03/22/26 08:00	03/22/26 19:00	500
Ethylbenzene	45.0		0.994		mg/Kg		03/22/26 08:00	03/22/26 19:00	500
m-Xylene & p-Xylene	168		1.99		mg/Kg		03/22/26 08:00	03/22/26 19:00	500
o-Xylene	53.1		0.994		mg/Kg		03/22/26 08:00	03/22/26 19:00	500
Xylenes, Total	221		1.99		mg/Kg		03/22/26 08:00	03/22/26 19:00	500

Eurofins Carlsbad

Client Sample Results

Client: Earth Systems Response and Restoration
 Project/Site: Agate PWU 21 CTB 1

Job ID: 890-9632-1
 SDG: 8744

Client Sample ID: HA-3

Lab Sample ID: 890-9632-12

Date Collected: 03/11/26 12:55

Matrix: Solid

Date Received: 03/12/26 08:33

Sample Depth: 1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	472	S1+	70 - 130	03/18/26 10:31	03/18/26 18:33	1
1,4-Difluorobenzene (Surr)	76		70 - 130	03/18/26 10:31	03/18/26 18:33	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	395		1.99		mg/Kg			03/22/26 19:00	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	9450		50.1		mg/Kg			03/18/26 19:13	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	3420		50.1		mg/Kg		03/13/26 12:39	03/18/26 19:13	1
Diesel Range Organics (Over C10-C28)	5520		50.1		mg/Kg		03/13/26 12:39	03/18/26 19:13	1
Oil Range Organics (Over C28-C36)	505		50.1		mg/Kg		03/13/26 12:39	03/18/26 19:13	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	204	S1+	70 - 130	03/13/26 12:39	03/18/26 19:13	1
o-Terphenyl	255	S1+	70 - 130	03/13/26 12:39	03/18/26 19:13	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	355		10.0		mg/Kg			03/13/26 20:39	1

Client Sample ID: HA-3

Lab Sample ID: 890-9632-13

Date Collected: 03/11/26 13:00

Matrix: Solid

Date Received: 03/12/26 08:33

Sample Depth: 2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.0256		0.00202		mg/Kg		03/18/26 10:31	03/18/26 18:54	1
Toluene	0.170		0.00202		mg/Kg		03/18/26 10:31	03/18/26 18:54	1
Ethylbenzene	0.0311		0.00202		mg/Kg		03/18/26 10:31	03/18/26 18:54	1
m-Xylene & p-Xylene	0.173		0.00404		mg/Kg		03/18/26 10:31	03/18/26 18:54	1
o-Xylene	0.0861		0.00202		mg/Kg		03/18/26 10:31	03/18/26 18:54	1
Xylenes, Total	0.259		0.00404		mg/Kg		03/18/26 10:31	03/18/26 18:54	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	150	S1+	70 - 130	03/18/26 10:31	03/18/26 18:54	1
1,4-Difluorobenzene (Surr)	103		70 - 130	03/18/26 10:31	03/18/26 18:54	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.486		0.00404		mg/Kg			03/18/26 18:54	1

Eurofins Carlsbad

Client Sample Results

Client: Earth Systems Response and Restoration
 Project/Site: Agate PWU 21 CTB 1

Job ID: 890-9632-1
 SDG: 8744

Client Sample ID: HA-3

Lab Sample ID: 890-9632-13

Date Collected: 03/11/26 13:00

Matrix: Solid

Date Received: 03/12/26 08:33

Sample Depth: 2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	190		50.1		mg/Kg			03/18/26 19:28	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	<50.1	U	50.1		mg/Kg		03/13/26 12:39	03/18/26 19:28	1
Diesel Range Organics (Over C10-C28)	104		50.1		mg/Kg		03/13/26 12:39	03/18/26 19:28	1
Oil Range Organics (Over C28-C36)	86.0		50.1		mg/Kg		03/13/26 12:39	03/18/26 19:28	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	122		70 - 130				03/13/26 12:39	03/18/26 19:28	1
o-Terphenyl	162	S1+	70 - 130				03/13/26 12:39	03/18/26 19:28	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	95.4		10.1		mg/Kg			03/13/26 20:46	1

Client Sample ID: HA-3

Lab Sample ID: 890-9632-14

Date Collected: 03/11/26 13:05

Matrix: Solid

Date Received: 03/12/26 08:33

Sample Depth: 3

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.0133		0.00199		mg/Kg		03/18/26 10:31	03/18/26 19:14	1
Toluene	0.00809		0.00199		mg/Kg		03/18/26 10:31	03/18/26 19:14	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		03/18/26 10:31	03/18/26 19:14	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		03/18/26 10:31	03/18/26 19:14	1
o-Xylene	0.00420		0.00199		mg/Kg		03/18/26 10:31	03/18/26 19:14	1
Xylenes, Total	0.00420		0.00398		mg/Kg		03/18/26 10:31	03/18/26 19:14	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	113		70 - 130				03/18/26 10:31	03/18/26 19:14	1
1,4-Difluorobenzene (Surr)	80		70 - 130				03/18/26 10:31	03/18/26 19:14	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.0256		0.00398		mg/Kg			03/18/26 19:14	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			03/18/26 19:43	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		03/13/26 12:39	03/18/26 19:43	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		03/13/26 12:39	03/18/26 19:43	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		03/13/26 12:39	03/18/26 19:43	1

Eurofins Carlsbad

Client Sample Results

Client: Earth Systems Response and Restoration
 Project/Site: Agate PWU 21 CTB 1

Job ID: 890-9632-1
 SDG: 8744

Client Sample ID: HA-3

Lab Sample ID: 890-9632-14

Date Collected: 03/11/26 13:05

Matrix: Solid

Date Received: 03/12/26 08:33

Sample Depth: 3

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	123		70 - 130	03/13/26 12:39	03/18/26 19:43	1
o-Terphenyl	168	S1+	70 - 130	03/13/26 12:39	03/18/26 19:43	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			03/13/26 21:06	1

Client Sample ID: HA-3

Lab Sample ID: 890-9632-15

Date Collected: 03/11/26 13:10

Matrix: Solid

Date Received: 03/12/26 08:33

Sample Depth: 4

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		03/18/26 10:31	03/18/26 19:35	1
Toluene	<0.00198	U	0.00198		mg/Kg		03/18/26 10:31	03/18/26 19:35	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		03/18/26 10:31	03/18/26 19:35	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		03/18/26 10:31	03/18/26 19:35	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		03/18/26 10:31	03/18/26 19:35	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		03/18/26 10:31	03/18/26 19:35	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	120		70 - 130	03/18/26 10:31	03/18/26 19:35	1
1,4-Difluorobenzene (Surr)	99		70 - 130	03/18/26 10:31	03/18/26 19:35	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			03/18/26 19:35	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			03/18/26 19:58	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		03/13/26 12:39	03/18/26 19:58	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		03/13/26 12:39	03/18/26 19:58	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		03/13/26 12:39	03/18/26 19:58	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	144	S1+	70 - 130	03/13/26 12:39	03/18/26 19:58	1
o-Terphenyl	190	S1+	70 - 130	03/13/26 12:39	03/18/26 19:58	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	77.6		9.92		mg/Kg			03/13/26 21:12	1

Eurofins Carlsbad

Surrogate Summary

Client: Earth Systems Response and Restoration
Project/Site: Agate PWU 21 CTB 1Job ID: 890-9632-1
SDG: 8744

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)	
		BFB1 (70-130)	DFBZ1 (70-130)
880-67890-A-17 MB	Method Blank	109	99
890-9632-1	HA-1	256 S1+	93
890-9632-1 MS	HA-1	366 S1+	96
890-9632-1 MSD	HA-1	722 S1+	98
890-9632-2	HA-1	426 S1+	882 S1+
890-9632-3	HA-1	61 S1-	110
890-9632-4	HA-1	144 S1+	96
890-9632-5	HA-1	119	111
890-9632-6	HA-2	241 S1+	106
890-9632-7	HA-2	85	185 S1+
890-9632-8	HA-2	107	95
890-9632-9	HA-2	131 S1+	96
890-9632-10	HA-2	103	98
890-9632-11	HA-3	157 S1+	91
890-9632-12	HA-3	472 S1+	76
890-9632-13	HA-3	150 S1+	103
890-9632-14	HA-3	113	80
890-9632-15	HA-3	120	99
LCS 880-135270/1-A	Lab Control Sample	123	87
LCS 880-135395/1-A	Lab Control Sample	132 S1+	95
LCS 880-135410/1-A	Lab Control Sample	100	88
LCS 880-135485/1-A	Lab Control Sample	102	101
LCS 880-135585/1-A	Lab Control Sample	99	101
LCSD 880-135270/2-A	Lab Control Sample Dup	117	95
LCSD 880-135395/2-A	Lab Control Sample Dup	130	92
LCSD 880-135410/2-A	Lab Control Sample Dup	103	86
LCSD 880-135485/2-A	Lab Control Sample Dup	100	103
LCSD 880-135585/2-A	Lab Control Sample Dup	101	103
MB 880-135270/5-A	Method Blank	110	89
MB 880-135395/5-A	Method Blank	129	86
MB 880-135410/5-A	Method Blank	277 S1+	127
MB 880-135485/5-A	Method Blank	95	95
MB 880-135583/5-A	Method Blank	97	96
MB 880-135585/5-A	Method Blank	96	93

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)

DFBZ = 1,4-Difluorobenzene (Surr)

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

Matrix: Solid

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)	
		1CO1 (70-130)	OTPH1 (70-130)
890-9632-1	HA-1	170 S1+	185 S1+
890-9632-2	HA-1	303 S1+	210 S1+
890-9632-3	HA-1	134 S1+	119
890-9632-4	HA-1	137 S1+	124
890-9632-5	HA-1	138 S1+	124

Eurofins Carlsbad

Surrogate Summary

Client: Earth Systems Response and Restoration
 Project/Site: Agate PWU 21 CTB 1

Job ID: 890-9632-1
 SDG: 8744

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

Matrix: Solid

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)	
		1CO1 (70-130)	OTPH1 (70-130)
890-9632-6	HA-2	144 S1+	128
890-9632-7	HA-2	145 S1+	135 S1+
890-9632-8	HA-2	159 S1+	146 S1+
890-9632-9	HA-2	138 S1+	121
890-9632-10	HA-2	144 S1+	124
890-9632-11	HA-3	135 S1+	176 S1+
890-9632-11 MS	HA-3	199 S1+	201 S1+
890-9632-11 MSD	HA-3	198 S1+	200 S1+
890-9632-12	HA-3	204 S1+	255 S1+
890-9632-13	HA-3	122	162 S1+
890-9632-14	HA-3	123	168 S1+
890-9632-15	HA-3	144 S1+	190 S1+
LCS 880-134823/2-A	Lab Control Sample	141 S1+	136 S1+
LCS 880-134832/2-A	Lab Control Sample	101	93
LCS 880-135252/2-A	Lab Control Sample	79	76
LCSD 880-134823/3-A	Lab Control Sample Dup	142 S1+	138 S1+
LCSD 880-134832/3-A	Lab Control Sample Dup	101	93
LCSD 880-135252/3-A	Lab Control Sample Dup	79	74
MB 880-134823/1-A	Method Blank	119	146 S1+
MB 880-134832/1-A	Method Blank	124	111
MB 880-135252/1-A	Method Blank	137 S1+	123

Surrogate Legend

1CO = 1-Chlorooctane
 OTPH = o-Terphenyl

QC Sample Results

Client: Earth Systems Response and Restoration
 Project/Site: Agate PWU 21 CTB 1

Job ID: 890-9632-1
 SDG: 8744

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-135270/5-A
 Matrix: Solid
 Analysis Batch: 135248

Client Sample ID: Method Blank
 Prep Type: Total/NA
 Prep Batch: 135270

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		03/18/26 10:31	03/18/26 13:13	1
Toluene	<0.00200	U	0.00200		mg/Kg		03/18/26 10:31	03/18/26 13:13	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		03/18/26 10:31	03/18/26 13:13	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		03/18/26 10:31	03/18/26 13:13	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		03/18/26 10:31	03/18/26 13:13	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		03/18/26 10:31	03/18/26 13:13	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	110		70 - 130	03/18/26 10:31	03/18/26 13:13	1
1,4-Difluorobenzene (Surr)	89		70 - 130	03/18/26 10:31	03/18/26 13:13	1

Lab Sample ID: LCS 880-135270/1-A
 Matrix: Solid
 Analysis Batch: 135248

Client Sample ID: Lab Control Sample
 Prep Type: Total/NA
 Prep Batch: 135270

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.1052		mg/Kg		105	70 - 130
Toluene	0.100	0.08769		mg/Kg		88	70 - 130
Ethylbenzene	0.100	0.09296		mg/Kg		93	70 - 130
m-Xylene & p-Xylene	0.200	0.1879		mg/Kg		94	70 - 130
o-Xylene	0.100	0.09808		mg/Kg		98	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	123		70 - 130
1,4-Difluorobenzene (Surr)	87		70 - 130

Lab Sample ID: LCSD 880-135270/2-A
 Matrix: Solid
 Analysis Batch: 135248

Client Sample ID: Lab Control Sample Dup
 Prep Type: Total/NA
 Prep Batch: 135270

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	Limit
Benzene	0.100	0.1072		mg/Kg		107	70 - 130	2	35
Toluene	0.100	0.08750		mg/Kg		88	70 - 130	0	35
Ethylbenzene	0.100	0.09246		mg/Kg		92	70 - 130	1	35
m-Xylene & p-Xylene	0.200	0.1852		mg/Kg		93	70 - 130	1	35
o-Xylene	0.100	0.09615		mg/Kg		96	70 - 130	2	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	117		70 - 130
1,4-Difluorobenzene (Surr)	95		70 - 130

Lab Sample ID: 890-9632-1 MS
 Matrix: Solid
 Analysis Batch: 135248

Client Sample ID: HA-1
 Prep Type: Total/NA
 Prep Batch: 135270

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.00610		0.100	0.1097		mg/Kg		104	70 - 130

Eurofins Carlsbad

QC Sample Results

Client: Earth Systems Response and Restoration
 Project/Site: Agate PWU 21 CTB 1

Job ID: 890-9632-1
 SDG: 8744

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

Lab Sample ID: 890-9632-1 MS
Matrix: Solid
Analysis Batch: 135248

Client Sample ID: HA-1
Prep Type: Total/NA
Prep Batch: 135270

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	366	S1+	70 - 130
1,4-Difluorobenzene (Surr)	96		70 - 130

Lab Sample ID: 890-9632-1 MSD
Matrix: Solid
Analysis Batch: 135248

Client Sample ID: HA-1
Prep Type: Total/NA
Prep Batch: 135270

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.00610		0.100	0.1101		mg/Kg		104	70 - 130	0	35

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	722	S1+	70 - 130
1,4-Difluorobenzene (Surr)	98		70 - 130

Lab Sample ID: MB 880-135395/5-A
Matrix: Solid
Analysis Batch: 135362

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 135395

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		03/19/26 08:00	03/19/26 12:04	1
Toluene	<0.00200	U	0.00200		mg/Kg		03/19/26 08:00	03/19/26 12:04	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		03/19/26 08:00	03/19/26 12:04	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		03/19/26 08:00	03/19/26 12:04	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		03/19/26 08:00	03/19/26 12:04	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		03/19/26 08:00	03/19/26 12:04	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	129		70 - 130	03/19/26 08:00	03/19/26 12:04	1
1,4-Difluorobenzene (Surr)	86		70 - 130	03/19/26 08:00	03/19/26 12:04	1

Lab Sample ID: LCS 880-135395/1-A
Matrix: Solid
Analysis Batch: 135362

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 135395

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.1143		mg/Kg		114	70 - 130
Toluene	0.100	0.1016		mg/Kg		102	70 - 130
Ethylbenzene	0.100	0.1117		mg/Kg		112	70 - 130
m-Xylene & p-Xylene	0.200	0.2239		mg/Kg		112	70 - 130
o-Xylene	0.100	0.1108		mg/Kg		111	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	132	S1+	70 - 130
1,4-Difluorobenzene (Surr)	95		70 - 130

QC Sample Results

Client: Earth Systems Response and Restoration
 Project/Site: Agate PWU 21 CTB 1

Job ID: 890-9632-1
 SDG: 8744

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

Lab Sample ID: LCSD 880-135395/2-A
 Matrix: Solid
 Analysis Batch: 135362

Client Sample ID: Lab Control Sample Dup
 Prep Type: Total/NA
 Prep Batch: 135395

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.1150		mg/Kg		115	70 - 130	1	35
Toluene	0.100	0.1055		mg/Kg		106	70 - 130	4	35
Ethylbenzene	0.100	0.1145		mg/Kg		115	70 - 130	2	35
m-Xylene & p-Xylene	0.200	0.2314		mg/Kg		116	70 - 130	3	35
o-Xylene	0.100	0.1132		mg/Kg		113	70 - 130	2	35

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

Lab Sample ID: 880-67890-A-17 MB
 Matrix: Solid
 Analysis Batch: 135402

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		03/19/26 22:55	03/19/26 22:55	1
Toluene	<0.00200	U	0.00200		mg/Kg		03/19/26 22:55	03/19/26 22:55	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		03/19/26 22:55	03/19/26 22:55	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		03/19/26 22:55	03/19/26 22:55	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		03/19/26 22:55	03/19/26 22:55	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		03/19/26 22:55	03/19/26 22:55	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	109		70 - 130		03/19/26 22:55	1
1,4-Difluorobenzene (Surr)	99		70 - 130		03/19/26 22:55	1

Lab Sample ID: MB 880-135410/5-A
 Matrix: Solid
 Analysis Batch: 135402

Client Sample ID: Method Blank
 Prep Type: Total/NA
 Prep Batch: 135410

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		03/19/26 14:53	03/20/26 05:09	1
Toluene	<0.00200	U	0.00200		mg/Kg		03/19/26 14:53	03/20/26 05:09	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		03/19/26 14:53	03/20/26 05:09	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		03/19/26 14:53	03/20/26 05:09	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		03/19/26 14:53	03/20/26 05:09	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		03/19/26 14:53	03/20/26 05:09	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	277	S1+	70 - 130	03/19/26 14:53	03/20/26 05:09	1
1,4-Difluorobenzene (Surr)	127		70 - 130	03/19/26 14:53	03/20/26 05:09	1

Lab Sample ID: LCS 880-135410/1-A
 Matrix: Solid
 Analysis Batch: 135402

Client Sample ID: Lab Control Sample
 Prep Type: Total/NA
 Prep Batch: 135410

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.1019		mg/Kg		102	70 - 130

Eurofins Carlsbad

QC Sample Results

Client: Earth Systems Response and Restoration
 Project/Site: Agate PWU 21 CTB 1

Job ID: 890-9632-1
 SDG: 8744

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

Lab Sample ID: LCS 880-135410/1-A
 Matrix: Solid
 Analysis Batch: 135402

Client Sample ID: Lab Control Sample
 Prep Type: Total/NA
 Prep Batch: 135410

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Toluene	0.100	0.09672		mg/Kg		97	70 - 130
Ethylbenzene	0.100	0.1067		mg/Kg		107	70 - 130
m-Xylene & p-Xylene	0.200	0.1973		mg/Kg		99	70 - 130
o-Xylene	0.100	0.1081		mg/Kg		108	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	100		70 - 130
1,4-Difluorobenzene (Surr)	88		70 - 130

Lab Sample ID: LCSD 880-135410/2-A
 Matrix: Solid
 Analysis Batch: 135402

Client Sample ID: Lab Control Sample Dup
 Prep Type: Total/NA
 Prep Batch: 135410

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.1022		mg/Kg		102	70 - 130	0	35
Toluene	0.100	0.1026		mg/Kg		103	70 - 130	6	35
Ethylbenzene	0.100	0.1166		mg/Kg		117	70 - 130	9	35
m-Xylene & p-Xylene	0.200	0.2042		mg/Kg		102	70 - 130	3	35
o-Xylene	0.100	0.1106		mg/Kg		111	70 - 130	2	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	103		70 - 130
1,4-Difluorobenzene (Surr)	86		70 - 130

Lab Sample ID: MB 880-135485/5-A
 Matrix: Solid
 Analysis Batch: 135471

Client Sample ID: Method Blank
 Prep Type: Total/NA
 Prep Batch: 135485

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		03/20/26 10:20	03/20/26 11:33	1
Toluene	<0.00200	U	0.00200		mg/Kg		03/20/26 10:20	03/20/26 11:33	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		03/20/26 10:20	03/20/26 11:33	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		03/20/26 10:20	03/20/26 11:33	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		03/20/26 10:20	03/20/26 11:33	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		03/20/26 10:20	03/20/26 11:33	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	95		70 - 130	03/20/26 10:20	03/20/26 11:33	1
1,4-Difluorobenzene (Surr)	95		70 - 130	03/20/26 10:20	03/20/26 11:33	1

Lab Sample ID: LCS 880-135485/1-A
 Matrix: Solid
 Analysis Batch: 135471

Client Sample ID: Lab Control Sample
 Prep Type: Total/NA
 Prep Batch: 135485

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.1020		mg/Kg		102	70 - 130
Toluene	0.100	0.08970		mg/Kg		90	70 - 130
Ethylbenzene	0.100	0.1034		mg/Kg		103	70 - 130

Eurofins Carlsbad

QC Sample Results

Client: Earth Systems Response and Restoration
 Project/Site: Agate PWU 21 CTB 1

Job ID: 890-9632-1
 SDG: 8744

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

Lab Sample ID: LCS 880-135485/1-A

Matrix: Solid

Analysis Batch: 135471

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 135485

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
m-Xylene & p-Xylene	0.200	0.1975		mg/Kg		99	70 - 130
o-Xylene	0.100	0.09882		mg/Kg		99	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	102		70 - 130
1,4-Difluorobenzene (Surr)	101		70 - 130

Lab Sample ID: LCSD 880-135485/2-A

Matrix: Solid

Analysis Batch: 135471

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 135485

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.1120		mg/Kg		112	70 - 130	9	35
Toluene	0.100	0.09781		mg/Kg		98	70 - 130	9	35
Ethylbenzene	0.100	0.1085		mg/Kg		109	70 - 130	5	35
m-Xylene & p-Xylene	0.200	0.2081		mg/Kg		104	70 - 130	5	35
o-Xylene	0.100	0.1061		mg/Kg		106	70 - 130	7	35

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

Lab Sample ID: MB 880-135583/5-A

Matrix: Solid

Analysis Batch: 135579

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 135583

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		03/21/26 10:40	03/21/26 23:08	1
Toluene	<0.00200	U	0.00200		mg/Kg		03/21/26 10:40	03/21/26 23:08	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		03/21/26 10:40	03/21/26 23:08	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		03/21/26 10:40	03/21/26 23:08	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		03/21/26 10:40	03/21/26 23:08	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		03/21/26 10:40	03/21/26 23:08	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	97		70 - 130	03/21/26 10:40	03/21/26 23:08	1
1,4-Difluorobenzene (Surr)	96		70 - 130	03/21/26 10:40	03/21/26 23:08	1

Lab Sample ID: MB 880-135585/5-A

Matrix: Solid

Analysis Batch: 135579

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 135585

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		03/22/26 08:00	03/22/26 10:54	1
Toluene	<0.00200	U	0.00200		mg/Kg		03/22/26 08:00	03/22/26 10:54	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		03/22/26 08:00	03/22/26 10:54	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		03/22/26 08:00	03/22/26 10:54	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		03/22/26 08:00	03/22/26 10:54	1

Eurofins Carlsbad

QC Sample Results

Client: Earth Systems Response and Restoration
 Project/Site: Agate PWU 21 CTB 1

Job ID: 890-9632-1
 SDG: 8744

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

Lab Sample ID: MB 880-135585/5-A
 Matrix: Solid
 Analysis Batch: 135579

Client Sample ID: Method Blank
 Prep Type: Total/NA
 Prep Batch: 135585

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		03/22/26 08:00	03/22/26 10:54	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	96		70 - 130	03/22/26 08:00	03/22/26 10:54	1
1,4-Difluorobenzene (Surr)	93		70 - 130	03/22/26 08:00	03/22/26 10:54	1

Lab Sample ID: LCS 880-135585/1-A
 Matrix: Solid
 Analysis Batch: 135579

Client Sample ID: Lab Control Sample
 Prep Type: Total/NA
 Prep Batch: 135585

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.1136		mg/Kg		114	70 - 130
Toluene	0.100	0.09783		mg/Kg		98	70 - 130
Ethylbenzene	0.100	0.1100		mg/Kg		110	70 - 130
m-Xylene & p-Xylene	0.200	0.2076		mg/Kg		104	70 - 130
o-Xylene	0.100	0.1086		mg/Kg		109	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	99		70 - 130
1,4-Difluorobenzene (Surr)	101		70 - 130

Lab Sample ID: LCSD 880-135585/2-A
 Matrix: Solid
 Analysis Batch: 135579

Client Sample ID: Lab Control Sample Dup
 Prep Type: Total/NA
 Prep Batch: 135585

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.1145		mg/Kg		115	70 - 130	1	35
Toluene	0.100	0.09903		mg/Kg		99	70 - 130	1	35
Ethylbenzene	0.100	0.1089		mg/Kg		109	70 - 130	1	35
m-Xylene & p-Xylene	0.200	0.2068		mg/Kg		103	70 - 130	0	35
o-Xylene	0.100	0.1040		mg/Kg		104	70 - 130	4	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	101		70 - 130
1,4-Difluorobenzene (Surr)	103		70 - 130

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

Lab Sample ID: MB 880-134823/1-A
 Matrix: Solid
 Analysis Batch: 135260

Client Sample ID: Method Blank
 Prep Type: Total/NA
 Prep Batch: 134823

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		03/13/26 12:39	03/18/26 17:39	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		03/13/26 12:39	03/18/26 17:39	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		03/13/26 12:39	03/18/26 17:39	1

Eurofins Carlsbad

QC Sample Results

Client: Earth Systems Response and Restoration
 Project/Site: Agate PWU 21 CTB 1

Job ID: 890-9632-1
 SDG: 8744

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

Lab Sample ID: MB 880-134823/1-A
Matrix: Solid
Analysis Batch: 135260

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 134823

Surrogate	MB MB		Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
1-Chlorooctane	119		70 - 130	03/13/26 12:39	03/18/26 17:39	1
o-Terphenyl	146	S1+	70 - 130	03/13/26 12:39	03/18/26 17:39	1

Lab Sample ID: LCS 880-134823/2-A
Matrix: Solid
Analysis Batch: 135260

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 134823

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits	
							LCS	LCS
Gasoline Range Organics (GRO)-C6-C10	1000	1130		mg/Kg		113	70 - 130	
Diesel Range Organics (Over C10-C28)	1000	1088		mg/Kg		109	70 - 130	

Surrogate	LCS LCS		Limits
	%Recovery	Qualifier	
1-Chlorooctane	141	S1+	70 - 130
o-Terphenyl	136	S1+	70 - 130

Lab Sample ID: LCSD 880-134823/3-A
Matrix: Solid
Analysis Batch: 135260

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 134823

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits		RPD	
							LCSD	LCSD	RPD	Limit
Gasoline Range Organics (GRO)-C6-C10	1000	1089		mg/Kg		109	70 - 130	4	20	
Diesel Range Organics (Over C10-C28)	1000	1101		mg/Kg		110	70 - 130	1	20	

Surrogate	LCSD LCSD		Limits
	%Recovery	Qualifier	
1-Chlorooctane	142	S1+	70 - 130
o-Terphenyl	138	S1+	70 - 130

Lab Sample ID: 890-9632-11 MS
Matrix: Solid
Analysis Batch: 135260

Client Sample ID: HA-3
Prep Type: Total/NA
Prep Batch: 134823

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits	
									MS	MS
Gasoline Range Organics (GRO)-C6-C10	302	F1	999	1920	F1	mg/Kg		162	70 - 130	
Diesel Range Organics (Over C10-C28)	970	F1	999	4071	F1	mg/Kg		310	70 - 130	

Surrogate	MS MS		Limits
	%Recovery	Qualifier	
1-Chlorooctane	199	S1+	70 - 130
o-Terphenyl	201	S1+	70 - 130

QC Sample Results

Client: Earth Systems Response and Restoration
 Project/Site: Agate PWU 21 CTB 1

Job ID: 890-9632-1
 SDG: 8744

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

Lab Sample ID: 890-9632-11 MSD

Matrix: Solid

Analysis Batch: 135260

Client Sample ID: HA-3

Prep Type: Total/NA

Prep Batch: 134823

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec	RPD	Limit
	Result	Qualifier	Added	Result	Qualifier				Limits		
Gasoline Range Organics (GRO)-C6-C10	302	F1	999	1940	F1	mg/Kg		164	70 - 130	1	20
Diesel Range Organics (Over C10-C28)	970	F1	999	4068	F1	mg/Kg		310	70 - 130	0	20
Surrogate	MSD	MSD									
	%Recovery	Qualifier	Limits								
1-Chlorooctane	198	S1+	70 - 130								
o-Terphenyl	200	S1+	70 - 130								

Lab Sample ID: MB 880-134832/1-A

Matrix: Solid

Analysis Batch: 135266

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 134832

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		03/13/26 12:49	03/18/26 17:39	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		03/13/26 12:49	03/18/26 17:39	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		03/13/26 12:49	03/18/26 17:39	1
Surrogate	MB	MB					Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier	Limits						
1-Chlorooctane	124		70 - 130				03/13/26 12:49	03/18/26 17:39	1
o-Terphenyl	111		70 - 130				03/13/26 12:49	03/18/26 17:39	1

Lab Sample ID: LCS 880-134832/2-A

Matrix: Solid

Analysis Batch: 135266

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 134832

Analyte	Spike Added	LCS	LCS	Unit	D	%Rec	%Rec
							Result
Gasoline Range Organics (GRO)-C6-C10	1000	1270		mg/Kg		127	70 - 130
Diesel Range Organics (Over C10-C28)	1000	1140		mg/Kg		114	70 - 130
Surrogate	LCS	LCS					
	%Recovery	Qualifier	Limits				
1-Chlorooctane	101		70 - 130				
o-Terphenyl	93		70 - 130				

Lab Sample ID: LCSD 880-134832/3-A

Matrix: Solid

Analysis Batch: 135266

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 134832

Analyte	Spike Added	LCSD	LCSD	Unit	D	%Rec	%Rec	RPD	Limit
							Result		
Gasoline Range Organics (GRO)-C6-C10	1000	1223		mg/Kg		122	70 - 130	4	20
Diesel Range Organics (Over C10-C28)	1000	1107		mg/Kg		111	70 - 130	3	20

Eurofins Carlsbad

QC Sample Results

Client: Earth Systems Response and Restoration
 Project/Site: Agate PWU 21 CTB 1

Job ID: 890-9632-1
 SDG: 8744

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

Lab Sample ID: LCSD 880-134832/3-A
Matrix: Solid
Analysis Batch: 135266

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 134832

Surrogate	LCSD		Limits
	%Recovery	Qualifier	
1-Chlorooctane	101		70 - 130
o-Terphenyl	93		70 - 130

Lab Sample ID: MB 880-135252/1-A
Matrix: Solid
Analysis Batch: 135376

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 135252

Analyte	MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		03/18/26 09:16	03/20/26 00:57	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		03/18/26 09:16	03/20/26 00:57	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		03/18/26 09:16	03/20/26 00:57	1

Surrogate	MB		Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
1-Chlorooctane	137	S1+	70 - 130	03/18/26 09:16	03/20/26 00:57	1
o-Terphenyl	123		70 - 130	03/18/26 09:16	03/20/26 00:57	1

Lab Sample ID: LCS 880-135252/2-A
Matrix: Solid
Analysis Batch: 135376

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 135252

Analyte	Spike Added	LCS		Unit	D	%Rec	%Rec Limits
		Result	Qualifier				
Gasoline Range Organics (GRO)-C6-C10	1000	946.9		mg/Kg		95	70 - 130
Diesel Range Organics (Over C10-C28)	1000	898.4		mg/Kg		90	70 - 130

Surrogate	LCS		Limits
	%Recovery	Qualifier	
1-Chlorooctane	79		70 - 130
o-Terphenyl	76		70 - 130

Lab Sample ID: LCSD 880-135252/3-A
Matrix: Solid
Analysis Batch: 135376

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 135252

Analyte	Spike Added	LCSD		Unit	D	%Rec	%Rec Limits	RPD	Limit
		Result	Qualifier						
Gasoline Range Organics (GRO)-C6-C10	1000	946.9		mg/Kg		95	70 - 130	0	20
Diesel Range Organics (Over C10-C28)	1000	906.5		mg/Kg		91	70 - 130	1	20

Surrogate	LCSD		Limits
	%Recovery	Qualifier	
1-Chlorooctane	79		70 - 130
o-Terphenyl	74		70 - 130

Eurofins Carlsbad

QC Sample Results

Client: Earth Systems Response and Restoration
 Project/Site: Agate PWU 21 CTB 1

Job ID: 890-9632-1
 SDG: 8744

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-134782/1-A
 Matrix: Solid
 Analysis Batch: 134798

Client Sample ID: Method Blank
 Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0		mg/Kg			03/13/26 18:08	1

Lab Sample ID: LCS 880-134782/2-A
 Matrix: Solid
 Analysis Batch: 134798

Client Sample ID: Lab Control Sample
 Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	260.4		mg/Kg		104	90 - 110

Lab Sample ID: LCSD 880-134782/3-A
 Matrix: Solid
 Analysis Batch: 134798

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	252.7		mg/Kg		101	90 - 110	3	20

Lab Sample ID: 890-9632-1 MS
 Matrix: Solid
 Analysis Batch: 134798

Client Sample ID: HA-1
 Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	5170	F1	2520	8066	F1	mg/Kg		115	90 - 110

Lab Sample ID: 890-9632-1 MSD
 Matrix: Solid
 Analysis Batch: 134798

Client Sample ID: HA-1
 Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	5170	F1	2520	8035	F1	mg/Kg		114	90 - 110	0	20

Lab Sample ID: 890-9632-11 MS
 Matrix: Solid
 Analysis Batch: 134798

Client Sample ID: HA-3
 Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	2510	F1	1250	4204	F1	mg/Kg		135	90 - 110

Lab Sample ID: 890-9632-11 MSD
 Matrix: Solid
 Analysis Batch: 134798

Client Sample ID: HA-3
 Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	2510	F1	1250	4205	F1	mg/Kg		135	90 - 110	0	20

Eurofins Carlsbad

QC Association Summary

Client: Earth Systems Response and Restoration
 Project/Site: Agate PWU 21 CTB 1

Job ID: 890-9632-1
 SDG: 8744

GC VOA

Analysis Batch: 135248

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9632-1	HA-1	Total/NA	Solid	8021B	135270
890-9632-2	HA-1	Total/NA	Solid	8021B	135270
890-9632-3	HA-1	Total/NA	Solid	8021B	135270
890-9632-4	HA-1	Total/NA	Solid	8021B	135270
890-9632-5	HA-1	Total/NA	Solid	8021B	135270
890-9632-6	HA-2	Total/NA	Solid	8021B	135270
890-9632-7	HA-2	Total/NA	Solid	8021B	135270
890-9632-8	HA-2	Total/NA	Solid	8021B	135270
890-9632-9	HA-2	Total/NA	Solid	8021B	135270
890-9632-10	HA-2	Total/NA	Solid	8021B	135270
890-9632-11	HA-3	Total/NA	Solid	8021B	135270
890-9632-12	HA-3	Total/NA	Solid	8021B	135270
890-9632-13	HA-3	Total/NA	Solid	8021B	135270
890-9632-14	HA-3	Total/NA	Solid	8021B	135270
890-9632-15	HA-3	Total/NA	Solid	8021B	135270
MB 880-135270/5-A	Method Blank	Total/NA	Solid	8021B	135270
LCS 880-135270/1-A	Lab Control Sample	Total/NA	Solid	8021B	135270
LCSD 880-135270/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	135270
890-9632-1 MS	HA-1	Total/NA	Solid	8021B	135270
890-9632-1 MSD	HA-1	Total/NA	Solid	8021B	135270

Prep Batch: 135270

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9632-1	HA-1	Total/NA	Solid	5035	
890-9632-2	HA-1	Total/NA	Solid	5035	
890-9632-3	HA-1	Total/NA	Solid	5035	
890-9632-4	HA-1	Total/NA	Solid	5035	
890-9632-5	HA-1	Total/NA	Solid	5035	
890-9632-6	HA-2	Total/NA	Solid	5035	
890-9632-7	HA-2	Total/NA	Solid	5035	
890-9632-8	HA-2	Total/NA	Solid	5035	
890-9632-9	HA-2	Total/NA	Solid	5035	
890-9632-10	HA-2	Total/NA	Solid	5035	
890-9632-11	HA-3	Total/NA	Solid	5035	
890-9632-12	HA-3	Total/NA	Solid	5035	
890-9632-13	HA-3	Total/NA	Solid	5035	
890-9632-14	HA-3	Total/NA	Solid	5035	
890-9632-15	HA-3	Total/NA	Solid	5035	
MB 880-135270/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-135270/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-135270/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-9632-1 MS	HA-1	Total/NA	Solid	5035	
890-9632-1 MSD	HA-1	Total/NA	Solid	5035	

Analysis Batch: 135362

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9632-1	HA-1	Total/NA	Solid	8021B	135395
890-9632-2	HA-1	Total/NA	Solid	8021B	135395
890-9632-6	HA-2	Total/NA	Solid	8021B	135395
890-9632-7	HA-2	Total/NA	Solid	8021B	135395
MB 880-135395/5-A	Method Blank	Total/NA	Solid	8021B	135395

Eurofins Carlsbad

QC Association Summary

Client: Earth Systems Response and Restoration
 Project/Site: Agate PWU 21 CTB 1

Job ID: 890-9632-1
 SDG: 8744

GC VOA (Continued)

Analysis Batch: 135362 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 880-135395/1-A	Lab Control Sample	Total/NA	Solid	8021B	135395
LCSD 880-135395/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	135395

Prep Batch: 135395

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9632-1	HA-1	Total/NA	Solid	5035	
890-9632-2	HA-1	Total/NA	Solid	5035	
890-9632-6	HA-2	Total/NA	Solid	5035	
890-9632-7	HA-2	Total/NA	Solid	5035	
MB 880-135395/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-135395/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-135395/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	

Analysis Batch: 135402

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9632-11	HA-3	Total/NA	Solid	8021B	135410
880-67890-A-17 MB	Method Blank	Total/NA	Solid	8021B	
MB 880-135410/5-A	Method Blank	Total/NA	Solid	8021B	135410
LCS 880-135410/1-A	Lab Control Sample	Total/NA	Solid	8021B	135410
LCSD 880-135410/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	135410

Prep Batch: 135410

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9632-11	HA-3	Total/NA	Solid	5035	
MB 880-135410/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-135410/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-135410/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	

Analysis Batch: 135447

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9632-1	HA-1	Total/NA	Solid	Total BTEX	
890-9632-2	HA-1	Total/NA	Solid	Total BTEX	
890-9632-3	HA-1	Total/NA	Solid	Total BTEX	
890-9632-4	HA-1	Total/NA	Solid	Total BTEX	
890-9632-5	HA-1	Total/NA	Solid	Total BTEX	
890-9632-6	HA-2	Total/NA	Solid	Total BTEX	
890-9632-7	HA-2	Total/NA	Solid	Total BTEX	
890-9632-8	HA-2	Total/NA	Solid	Total BTEX	
890-9632-9	HA-2	Total/NA	Solid	Total BTEX	
890-9632-10	HA-2	Total/NA	Solid	Total BTEX	
890-9632-11	HA-3	Total/NA	Solid	Total BTEX	
890-9632-12	HA-3	Total/NA	Solid	Total BTEX	
890-9632-13	HA-3	Total/NA	Solid	Total BTEX	
890-9632-14	HA-3	Total/NA	Solid	Total BTEX	
890-9632-15	HA-3	Total/NA	Solid	Total BTEX	

Analysis Batch: 135471

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9632-2	HA-1	Total/NA	Solid	8021B	135485
MB 880-135485/5-A	Method Blank	Total/NA	Solid	8021B	135485
LCS 880-135485/1-A	Lab Control Sample	Total/NA	Solid	8021B	135485

Eurofins Carlsbad

QC Association Summary

Client: Earth Systems Response and Restoration
 Project/Site: Agate PWU 21 CTB 1

Job ID: 890-9632-1
 SDG: 8744

GC VOA (Continued)

Analysis Batch: 135471 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCSD 880-135485/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	135485

Prep Batch: 135485

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9632-2	HA-1	Total/NA	Solid	5035	
MB 880-135485/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-135485/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-135485/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	

Analysis Batch: 135579

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9632-12	HA-3	Total/NA	Solid	8021B	135585
MB 880-135583/5-A	Method Blank	Total/NA	Solid	8021B	135583
MB 880-135585/5-A	Method Blank	Total/NA	Solid	8021B	135585
LCS 880-135585/1-A	Lab Control Sample	Total/NA	Solid	8021B	135585
LCSD 880-135585/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	135585

Prep Batch: 135583

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-135583/5-A	Method Blank	Total/NA	Solid	5035	

Prep Batch: 135585

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9632-12	HA-3	Total/NA	Solid	5035	
MB 880-135585/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-135585/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-135585/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	

GC Semi VOA

Prep Batch: 134823

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9632-11	HA-3	Total/NA	Solid	8015NM Prep	
890-9632-12	HA-3	Total/NA	Solid	8015NM Prep	
890-9632-13	HA-3	Total/NA	Solid	8015NM Prep	
890-9632-14	HA-3	Total/NA	Solid	8015NM Prep	
890-9632-15	HA-3	Total/NA	Solid	8015NM Prep	
MB 880-134823/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-134823/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-134823/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-9632-11 MS	HA-3	Total/NA	Solid	8015NM Prep	
890-9632-11 MSD	HA-3	Total/NA	Solid	8015NM Prep	

Prep Batch: 134832

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9632-1	HA-1	Total/NA	Solid	8015NM Prep	
890-9632-3	HA-1	Total/NA	Solid	8015NM Prep	
890-9632-4	HA-1	Total/NA	Solid	8015NM Prep	
890-9632-5	HA-1	Total/NA	Solid	8015NM Prep	
890-9632-6	HA-2	Total/NA	Solid	8015NM Prep	
890-9632-7	HA-2	Total/NA	Solid	8015NM Prep	

Eurofins Carlsbad

QC Association Summary

Client: Earth Systems Response and Restoration
 Project/Site: Agate PWU 21 CTB 1

Job ID: 890-9632-1
 SDG: 8744

GC Semi VOA (Continued)

Prep Batch: 134832 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9632-8	HA-2	Total/NA	Solid	8015NM Prep	
890-9632-9	HA-2	Total/NA	Solid	8015NM Prep	
890-9632-10	HA-2	Total/NA	Solid	8015NM Prep	
MB 880-134832/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-134832/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-134832/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	

Prep Batch: 135252

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9632-2	HA-1	Total/NA	Solid	8015NM Prep	
MB 880-135252/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-135252/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-135252/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	

Analysis Batch: 135260

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9632-11	HA-3	Total/NA	Solid	8015B NM	134823
890-9632-12	HA-3	Total/NA	Solid	8015B NM	134823
890-9632-13	HA-3	Total/NA	Solid	8015B NM	134823
890-9632-14	HA-3	Total/NA	Solid	8015B NM	134823
890-9632-15	HA-3	Total/NA	Solid	8015B NM	134823
MB 880-134823/1-A	Method Blank	Total/NA	Solid	8015B NM	134823
LCS 880-134823/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	134823
LCSD 880-134823/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	134823
890-9632-11 MS	HA-3	Total/NA	Solid	8015B NM	134823
890-9632-11 MSD	HA-3	Total/NA	Solid	8015B NM	134823

Analysis Batch: 135266

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9632-1	HA-1	Total/NA	Solid	8015B NM	134832
890-9632-3	HA-1	Total/NA	Solid	8015B NM	134832
890-9632-4	HA-1	Total/NA	Solid	8015B NM	134832
890-9632-5	HA-1	Total/NA	Solid	8015B NM	134832
890-9632-6	HA-2	Total/NA	Solid	8015B NM	134832
890-9632-7	HA-2	Total/NA	Solid	8015B NM	134832
890-9632-8	HA-2	Total/NA	Solid	8015B NM	134832
890-9632-9	HA-2	Total/NA	Solid	8015B NM	134832
890-9632-10	HA-2	Total/NA	Solid	8015B NM	134832
MB 880-134832/1-A	Method Blank	Total/NA	Solid	8015B NM	134832
LCS 880-134832/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	134832
LCSD 880-134832/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	134832

Analysis Batch: 135376

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9632-2	HA-1	Total/NA	Solid	8015B NM	135252
MB 880-135252/1-A	Method Blank	Total/NA	Solid	8015B NM	135252
LCS 880-135252/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	135252
LCSD 880-135252/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	135252

Eurofins Carlsbad

QC Association Summary

Client: Earth Systems Response and Restoration
Project/Site: Agate PWU 21 CTB 1Job ID: 890-9632-1
SDG: 8744

GC Semi VOA

Analysis Batch: 135414

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9632-1	HA-1	Total/NA	Solid	8015 NM	
890-9632-2	HA-1	Total/NA	Solid	8015 NM	
890-9632-3	HA-1	Total/NA	Solid	8015 NM	
890-9632-4	HA-1	Total/NA	Solid	8015 NM	
890-9632-5	HA-1	Total/NA	Solid	8015 NM	
890-9632-6	HA-2	Total/NA	Solid	8015 NM	
890-9632-7	HA-2	Total/NA	Solid	8015 NM	
890-9632-8	HA-2	Total/NA	Solid	8015 NM	
890-9632-9	HA-2	Total/NA	Solid	8015 NM	
890-9632-10	HA-2	Total/NA	Solid	8015 NM	
890-9632-11	HA-3	Total/NA	Solid	8015 NM	
890-9632-12	HA-3	Total/NA	Solid	8015 NM	
890-9632-13	HA-3	Total/NA	Solid	8015 NM	
890-9632-14	HA-3	Total/NA	Solid	8015 NM	
890-9632-15	HA-3	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 134782

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9632-1	HA-1	Soluble	Solid	DI Leach	
890-9632-2	HA-1	Soluble	Solid	DI Leach	
890-9632-3	HA-1	Soluble	Solid	DI Leach	
890-9632-4	HA-1	Soluble	Solid	DI Leach	
890-9632-5	HA-1	Soluble	Solid	DI Leach	
890-9632-6	HA-2	Soluble	Solid	DI Leach	
890-9632-7	HA-2	Soluble	Solid	DI Leach	
890-9632-8	HA-2	Soluble	Solid	DI Leach	
890-9632-9	HA-2	Soluble	Solid	DI Leach	
890-9632-10	HA-2	Soluble	Solid	DI Leach	
890-9632-11	HA-3	Soluble	Solid	DI Leach	
890-9632-12	HA-3	Soluble	Solid	DI Leach	
890-9632-13	HA-3	Soluble	Solid	DI Leach	
890-9632-14	HA-3	Soluble	Solid	DI Leach	
890-9632-15	HA-3	Soluble	Solid	DI Leach	
MB 880-134782/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-134782/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-134782/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
890-9632-1 MS	HA-1	Soluble	Solid	DI Leach	
890-9632-1 MSD	HA-1	Soluble	Solid	DI Leach	
890-9632-11 MS	HA-3	Soluble	Solid	DI Leach	
890-9632-11 MSD	HA-3	Soluble	Solid	DI Leach	

Analysis Batch: 134798

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9632-1	HA-1	Soluble	Solid	300.0	134782
890-9632-2	HA-1	Soluble	Solid	300.0	134782
890-9632-3	HA-1	Soluble	Solid	300.0	134782
890-9632-4	HA-1	Soluble	Solid	300.0	134782
890-9632-5	HA-1	Soluble	Solid	300.0	134782
890-9632-6	HA-2	Soluble	Solid	300.0	134782

Eurofins Carlsbad

QC Association Summary

Client: Earth Systems Response and Restoration
 Project/Site: Agate PWU 21 CTB 1

Job ID: 890-9632-1
 SDG: 8744

HPLC/IC (Continued)

Analysis Batch: 134798 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9632-7	HA-2	Soluble	Solid	300.0	134782
890-9632-8	HA-2	Soluble	Solid	300.0	134782
890-9632-9	HA-2	Soluble	Solid	300.0	134782
890-9632-10	HA-2	Soluble	Solid	300.0	134782
890-9632-11	HA-3	Soluble	Solid	300.0	134782
890-9632-12	HA-3	Soluble	Solid	300.0	134782
890-9632-13	HA-3	Soluble	Solid	300.0	134782
890-9632-14	HA-3	Soluble	Solid	300.0	134782
890-9632-15	HA-3	Soluble	Solid	300.0	134782
MB 880-134782/1-A	Method Blank	Soluble	Solid	300.0	134782
LCS 880-134782/2-A	Lab Control Sample	Soluble	Solid	300.0	134782
LCSD 880-134782/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	134782
890-9632-1 MS	HA-1	Soluble	Solid	300.0	134782
890-9632-1 MSD	HA-1	Soluble	Solid	300.0	134782
890-9632-11 MS	HA-3	Soluble	Solid	300.0	134782
890-9632-11 MSD	HA-3	Soluble	Solid	300.0	134782

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

Lab Chronicle

Client: Earth Systems Response and Restoration
 Project/Site: Agate PWU 21 CTB 1

Job ID: 890-9632-1
 SDG: 8744

Client Sample ID: HA-1

Lab Sample ID: 890-9632-1

Date Collected: 03/11/26 12:00

Matrix: Solid

Date Received: 03/12/26 08:33

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	135270	03/18/26 10:31	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	135248	03/18/26 13:34	MNR	EET MID
Total/NA	Prep	5035			4.98 g	5 mL	135395	03/19/26 11:33	MNR	EET MID
Total/NA	Analysis	8021B		50	5 mL	5 mL	135362	03/19/26 18:15	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			135447	03/19/26 18:15	SA	EET MID
Total/NA	Analysis	8015 NM		1			135414	03/18/26 21:44	SA	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10.00 mL	134832	03/13/26 12:49	JN	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	135266	03/18/26 21:44	FC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	134782	03/13/26 09:54	SA	EET MID
Soluble	Analysis	300.0		10			134798	03/13/26 18:28	SMC	EET MID

Client Sample ID: HA-1

Lab Sample ID: 890-9632-2

Date Collected: 03/11/26 12:05

Matrix: Solid

Date Received: 03/12/26 08:33

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	135485	03/20/26 10:20	MNR	EET MID
Total/NA	Analysis	8021B		200	5 mL	5 mL	135471	03/20/26 16:04	SA	EET MID
Total/NA	Prep	5035			4.95 g	5 mL	135270	03/18/26 10:31	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	135248	03/18/26 13:55	MNR	EET MID
Total/NA	Prep	5035			5.05 g	5 mL	135395	03/19/26 11:33	MNR	EET MID
Total/NA	Analysis	8021B		50	5 mL	5 mL	135362	03/19/26 18:35	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			135447	03/20/26 16:04	SA	EET MID
Total/NA	Analysis	8015 NM		1			135414	03/20/26 07:16	SA	EET MID
Total/NA	Prep	8015NM Prep			9.99 g	10.00 mL	135252	03/18/26 09:16	EL	EET MID
Total/NA	Analysis	8015B NM		5	1 uL	1 uL	135376	03/20/26 07:16	FC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	134782	03/13/26 09:54	SA	EET MID
Soluble	Analysis	300.0		20			134798	03/13/26 18:48	SMC	EET MID

Client Sample ID: HA-1

Lab Sample ID: 890-9632-3

Date Collected: 03/11/26 12:10

Matrix: Solid

Date Received: 03/12/26 08:33

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	135270	03/18/26 10:31	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	135248	03/18/26 14:15	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			135447	03/18/26 14:15	SA	EET MID
Total/NA	Analysis	8015 NM		1			135414	03/18/26 22:14	SA	EET MID
Total/NA	Prep	8015NM Prep			9.99 g	10.00 mL	134832	03/13/26 12:49	JN	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	135266	03/18/26 22:14	FC	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	134782	03/13/26 09:54	SA	EET MID
Soluble	Analysis	300.0		10			134798	03/13/26 18:54	SMC	EET MID

Eurofins Carlsbad

Lab Chronicle

Client: Earth Systems Response and Restoration
 Project/Site: Agate PWU 21 CTB 1

Job ID: 890-9632-1
 SDG: 8744

Client Sample ID: HA-1

Lab Sample ID: 890-9632-4

Date Collected: 03/11/26 12:15

Matrix: Solid

Date Received: 03/12/26 08:33

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	135270	03/18/26 10:31	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	135248	03/18/26 14:36	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			135447	03/18/26 14:36	SA	EET MID
Total/NA	Analysis	8015 NM		1			135414	03/18/26 22:29	SA	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10.00 mL	134832	03/13/26 12:49	JN	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	135266	03/18/26 22:29	FC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	134782	03/13/26 09:54	SA	EET MID
Soluble	Analysis	300.0		1			134798	03/13/26 21:52	SMC	EET MID

Client Sample ID: HA-1

Lab Sample ID: 890-9632-5

Date Collected: 03/11/26 12:20

Matrix: Solid

Date Received: 03/12/26 08:33

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	135270	03/18/26 10:31	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	135248	03/18/26 14:56	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			135447	03/18/26 14:56	SA	EET MID
Total/NA	Analysis	8015 NM		1			135414	03/18/26 22:45	SA	EET MID
Total/NA	Prep	8015NM Prep			9.97 g	10.00 mL	134832	03/13/26 12:49	JN	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	135266	03/18/26 22:45	FC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	134782	03/13/26 09:54	SA	EET MID
Soluble	Analysis	300.0		1			134798	03/13/26 21:59	SMC	EET MID

Client Sample ID: HA-2

Lab Sample ID: 890-9632-6

Date Collected: 03/11/26 12:25

Matrix: Solid

Date Received: 03/12/26 08:33

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	135270	03/18/26 10:31	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	135248	03/18/26 15:17	MNR	EET MID
Total/NA	Prep	5035			5.01 g	5 mL	135395	03/19/26 11:33	MNR	EET MID
Total/NA	Analysis	8021B		50	5 mL	5 mL	135362	03/19/26 18:56	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			135447	03/19/26 18:56	SA	EET MID
Total/NA	Analysis	8015 NM		1			135414	03/18/26 22:59	SA	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10.00 mL	134832	03/13/26 12:49	JN	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	135266	03/18/26 22:59	FC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	134782	03/13/26 09:54	SA	EET MID
Soluble	Analysis	300.0		1			134798	03/13/26 19:28	SMC	EET MID

Lab Chronicle

Client: Earth Systems Response and Restoration
 Project/Site: Agate PWU 21 CTB 1

Job ID: 890-9632-1
 SDG: 8744

Client Sample ID: HA-2

Lab Sample ID: 890-9632-7

Date Collected: 03/11/26 12:30

Matrix: Solid

Date Received: 03/12/26 08:33

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	135270	03/18/26 10:31	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	135248	03/18/26 15:37	MNR	EET MID
Total/NA	Prep	5035			4.98 g	5 mL	135395	03/19/26 11:33	MNR	EET MID
Total/NA	Analysis	8021B		50	5 mL	5 mL	135362	03/19/26 19:16	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			135447	03/19/26 19:16	SA	EET MID
Total/NA	Analysis	8015 NM		1			135414	03/18/26 23:14	SA	EET MID
Total/NA	Prep	8015NM Prep			9.97 g	10.00 mL	134832	03/13/26 12:49	JN	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	135266	03/18/26 23:14	FC	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	134782	03/13/26 09:54	SA	EET MID
Soluble	Analysis	300.0		10			134798	03/13/26 19:34	SMC	EET MID

Client Sample ID: HA-2

Lab Sample ID: 890-9632-8

Date Collected: 03/11/26 12:35

Matrix: Solid

Date Received: 03/12/26 08:33

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	135270	03/18/26 10:31	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	135248	03/18/26 15:57	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			135447	03/18/26 15:57	SA	EET MID
Total/NA	Analysis	8015 NM		1			135414	03/18/26 23:29	SA	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10.00 mL	134832	03/13/26 12:49	JN	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	135266	03/18/26 23:29	FC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	134782	03/13/26 09:54	SA	EET MID
Soluble	Analysis	300.0		1			134798	03/13/26 20:00	SMC	EET MID

Client Sample ID: HA-2

Lab Sample ID: 890-9632-9

Date Collected: 03/11/26 12:40

Matrix: Solid

Date Received: 03/12/26 08:33

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	135270	03/18/26 10:31	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	135248	03/18/26 16:18	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			135447	03/18/26 16:18	SA	EET MID
Total/NA	Analysis	8015 NM		1			135414	03/18/26 23:44	SA	EET MID
Total/NA	Prep	8015NM Prep			9.97 g	10.00 mL	134832	03/13/26 12:49	JN	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	135266	03/18/26 23:44	FC	EET MID
Soluble	Leach	DI Leach			5.00 g	50 mL	134782	03/13/26 09:54	SA	EET MID
Soluble	Analysis	300.0		1			134798	03/13/26 20:06	SMC	EET MID

Eurofins Carlsbad

Lab Chronicle

Client: Earth Systems Response and Restoration
 Project/Site: Agate PWU 21 CTB 1

Job ID: 890-9632-1
 SDG: 8744

Client Sample ID: HA-2

Lab Sample ID: 890-9632-10

Date Collected: 03/11/26 12:45

Matrix: Solid

Date Received: 03/12/26 08:33

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	135270	03/18/26 10:31	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	135248	03/18/26 16:38	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			135447	03/18/26 16:38	SA	EET MID
Total/NA	Analysis	8015 NM		1			135414	03/18/26 23:59	SA	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10.00 mL	134832	03/13/26 12:49	JN	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	135266	03/18/26 23:59	FC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	134782	03/13/26 09:54	SA	EET MID
Soluble	Analysis	300.0		1			134798	03/13/26 20:13	SMC	EET MID

Client Sample ID: HA-3

Lab Sample ID: 890-9632-11

Date Collected: 03/11/26 12:50

Matrix: Solid

Date Received: 03/12/26 08:33

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	135410	03/20/26 08:00	MNR	EET MID
Total/NA	Analysis	8021B		50	5 mL	5 mL	135402	03/20/26 13:41	MNR	EET MID
Total/NA	Prep	5035			5.01 g	5 mL	135270	03/18/26 10:31	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	135248	03/18/26 18:13	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			135447	03/20/26 13:41	SA	EET MID
Total/NA	Analysis	8015 NM		1			135414	03/18/26 18:28	SA	EET MID
Total/NA	Prep	8015NM Prep			9.99 g	10.00 mL	134823	03/13/26 12:39	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	135260	03/18/26 18:28	FC	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	134782	03/13/26 09:54	SA	EET MID
Soluble	Analysis	300.0		5			134798	03/13/26 20:19	SMC	EET MID

Client Sample ID: HA-3

Lab Sample ID: 890-9632-12

Date Collected: 03/11/26 12:55

Matrix: Solid

Date Received: 03/12/26 08:33

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	135585	03/22/26 08:00	MNR	EET MID
Total/NA	Analysis	8021B		500	5 mL	5 mL	135579	03/22/26 19:00	MNR	EET MID
Total/NA	Prep	5035			4.97 g	5 mL	135270	03/18/26 10:31	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	135248	03/18/26 18:33	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			135447	03/22/26 19:00	SA	EET MID
Total/NA	Analysis	8015 NM		1			135414	03/18/26 19:13	SA	EET MID
Total/NA	Prep	8015NM Prep			9.98 g	10.00 mL	134823	03/13/26 12:39	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	135260	03/18/26 19:13	FC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	134782	03/13/26 09:54	SA	EET MID
Soluble	Analysis	300.0		1			134798	03/13/26 20:39	SMC	EET MID

Lab Chronicle

Client: Earth Systems Response and Restoration
 Project/Site: Agate PWU 21 CTB 1

Job ID: 890-9632-1
 SDG: 8744

Client Sample ID: HA-3

Lab Sample ID: 890-9632-13

Date Collected: 03/11/26 13:00

Matrix: Solid

Date Received: 03/12/26 08:33

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	135270	03/18/26 10:31	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	135248	03/18/26 18:54	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			135447	03/18/26 18:54	SA	EET MID
Total/NA	Analysis	8015 NM		1			135414	03/18/26 19:28	SA	EET MID
Total/NA	Prep	8015NM Prep			9.99 g	10.00 mL	134823	03/13/26 12:39	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	135260	03/18/26 19:28	FC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	134782	03/13/26 09:54	SA	EET MID
Soluble	Analysis	300.0		1			134798	03/13/26 20:46	SMC	EET MID

Client Sample ID: HA-3

Lab Sample ID: 890-9632-14

Date Collected: 03/11/26 13:05

Matrix: Solid

Date Received: 03/12/26 08:33

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	135270	03/18/26 10:31	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	135248	03/18/26 19:14	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			135447	03/18/26 19:14	SA	EET MID
Total/NA	Analysis	8015 NM		1			135414	03/18/26 19:43	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	134823	03/13/26 12:39	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	135260	03/18/26 19:43	FC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	134782	03/13/26 09:54	SA	EET MID
Soluble	Analysis	300.0		1			134798	03/13/26 21:06	SMC	EET MID

Client Sample ID: HA-3

Lab Sample ID: 890-9632-15

Date Collected: 03/11/26 13:10

Matrix: Solid

Date Received: 03/12/26 08:33

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	135270	03/18/26 10:31	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	135248	03/18/26 19:35	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			135447	03/18/26 19:35	SA	EET MID
Total/NA	Analysis	8015 NM		1			135414	03/18/26 19:58	SA	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10.00 mL	134823	03/13/26 12:39	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	135260	03/18/26 19:58	FC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	134782	03/13/26 09:54	SA	EET MID
Soluble	Analysis	300.0		1			134798	03/13/26 21:12	SMC	EET MID

Laboratory References:

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

Accreditation/Certification Summary

Client: Earth Systems Response and Restoration
Project/Site: Agate PWU 21 CTB 1

Job ID: 890-9632-1
SDG: 8744

Laboratory: Eurofins Midland

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

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704400	06-30-26

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

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

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

Method Summary

Client: Earth Systems Response and Restoration
Project/Site: Agate PWU 21 CTB 1

Job ID: 890-9632-1
SDG: 8744

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: Agate PWU 21 CTB 1

Job ID: 890-9632-1
SDG: 8744

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Depth
890-9632-1	HA-1	Solid	03/11/26 12:00	03/12/26 08:33	0.5
890-9632-2	HA-1	Solid	03/11/26 12:05	03/12/26 08:33	1
890-9632-3	HA-1	Solid	03/11/26 12:10	03/12/26 08:33	2
890-9632-4	HA-1	Solid	03/11/26 12:15	03/12/26 08:33	3
890-9632-5	HA-1	Solid	03/11/26 12:20	03/12/26 08:33	4
890-9632-6	HA-2	Solid	03/11/26 12:25	03/12/26 08:33	0.5
890-9632-7	HA-2	Solid	03/11/26 12:30	03/12/26 08:33	1
890-9632-8	HA-2	Solid	03/11/26 12:35	03/12/26 08:33	2
890-9632-9	HA-2	Solid	03/11/26 12:40	03/12/26 08:33	3
890-9632-10	HA-2	Solid	03/11/26 12:45	03/12/26 08:33	4
890-9632-11	HA-3	Solid	03/11/26 12:50	03/12/26 08:33	0.5
890-9632-12	HA-3	Solid	03/11/26 12:55	03/12/26 08:33	1
890-9632-13	HA-3	Solid	03/11/26 13:00	03/12/26 08:33	2
890-9632-14	HA-3	Solid	03/11/26 13:05	03/12/26 08:33	3
890-9632-15	HA-3	Solid	03/11/26 13:10	03/12/26 08:33	4

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

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

Environment Testing
Xenco



890-9632 Chain of Custody

www.xenco.com Page 1 of 2

Project Manager: Gilbert Moreno	Bill to: (if different) Jim Raley
Company Name: Earth Systems R&R	Company Name: <i>EVON</i>
Address: 1910 Resource Ct.	Address:
City, State ZIP: Carlsbad, NM, 88220	City, State ZIP:
Phone: 82-541-7714	Email: <i>GMORENO@EARTHSYSTEMS</i>

Work Order Comments

Program: UST/PST PRP Brownfields RRC Superfund

State of Project: Level II Level III PST/UST TRRP Level IV

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

Deliverables: EDD ADaPT Other:

Project Name: Agate PWU 21 CTB 1	Project Number: 8744	Turn Around		Pres. Code	ANALYSIS REQUEST										Preservative Codes				
		<input checked="" type="checkbox"/> Routine	<input type="checkbox"/> Rush		Due Date: <i>Standard TAT</i>	TAT starts the day received by the lab, if received by 4:30pm	Temp Blank: Yes No	Temp Blank: Yes No	Wet Ice: Yes No	Samples Received Intact: Yes No	Thermometer ID: <i>In good</i>	Cooler Custody Seals: Yes No <i>N/A</i>	Correction Factor: <i>-0.8</i>	Sample Custody Seals: Yes No <i>N/A</i>	Temperature Reading: <i>-10.6</i>	Corrected Temperature: <i>-10.4</i>	Sample Comments	Incident Number	
Sampler's Name: Michael Benini, Evan Braswell	PO/ WO #: 22055800	Matrix	Date Sampled	Time Sampled	Depth	Grab/Comp	# of Cont	TPH	Chloride	BTEX	TDS	Cation/Anion	TCLP-Metals	TCLP-BTEX	TCLP-RCI	Hold	24 Hr Rush	None: NO	DI Water: H ₂ O
HA-1	S	3.11.26	12:00	0.5	Grab/	1	X	X	X	X								Cool: Cool	MeOH: Me
HA-1	S	3.11.26	12:05	1	Grab/	1	X	X	X	X								HCL: HC	HNO ₃ : HN
HA-1	S	3.11.26	12:10	2	Grab/	1	X	X	X	X								H ₂ SO ₄ : H ₂	NaOH: Na
HA-1	S	3.11.26	12:15	3	Grab/	1	X	X	X	X								H ₃ PO ₄ : HP	
HA-1	S	3.11.26	12:20	4	Grab/	1	X	X	X	X								NaHSO ₄ : NABIS	
HA-2	S	3.11.26	12:25	0.5	Grab/	1	X	X	X	X								Na ₂ S ₂ O ₃ : NaSO ₃	
HA-2	S	3.11.26	12:30	1	Grab/	1	X	X	X	X								Zn Acetate+NaOH: Zn	
HA-2	S	3.11.26	12:35	2	Grab/	1	X	X	X	X								NaOH+Ascorbic Acid: SACP	
HA-2	S	3.11.26	12:40	3	Grab/	1	X	X	X	X									
HA-2	S	3.11.26	12:45	4	Grab/	1	X	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 SiO₂ Na Sr Ti Sn U V Zn
Circle Method(s) and Metal(s) to be analyzed TCLP / SPLP 6010: 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Tl U Hg: 1631 / 245.1 / 7470 / 17471

Notice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Eurofins Xenco. 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
<i>[Signature]</i>	<i>[Signature]</i>	3/12/83			



Login Sample Receipt Checklist

Client: Earth Systems Response and Restoration

Job Number: 890-9632-1

SDG Number: 8744

Login Number: 9632

List Number: 1

Creator: Lopez, Abraham

List Source: Eurofins Carlsbad

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

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

Login Sample Receipt Checklist

Client: Earth Systems Response and Restoration

Job Number: 890-9632-1

SDG Number: 8744

Login Number: 9632

List Number: 2

Creator: Laing, Edmundo

List Source: Eurofins Midland
List Creation: 03/13/26 10:11 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	

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



Environment Testing

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

ANALYTICAL REPORT

PREPARED FOR

Attn: Gilbert Moreno
 Earth Systems Response and Restoration
 5114 WCR 128
 Midland, Texas 79706
 Generated 3/20/2026 1:28:11 PM

JOB DESCRIPTION

AGATE PWU 21 CTB 1
 8744

JOB NUMBER

890-9634-1



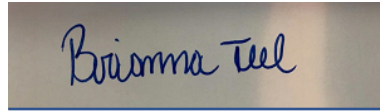
Eurofins Carlsbad

Job Notes

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

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

Authorization



Generated
3/20/2026 1:28:11 PM

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

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

Client: Earth Systems Response and Restoration
Project/Site: AGATE PWU 21 CTB 1

Laboratory Job ID: 890-9634-1
SDG: 8744

Table of Contents

Cover Page	1
Table of Contents	3
Definitions/Glossary	4
Case Narrative	5
Client Sample Results	6
Surrogate Summary	13
QC Sample Results	14
QC Association Summary	17
Lab Chronicle	20
Certification Summary	23
Method Summary	24
Sample Summary	25
Chain of Custody	26
Receipt Checklists	27



Definitions/Glossary

Client: Earth Systems Response and Restoration
Project/Site: AGATE PWU 21 CTB 1

Job ID: 890-9634-1
SDG: 8744

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: AGATE PWU 21 CTB 1

Job ID: 890-9634-1

Job ID: 890-9634-1

Eurofins Carlsbad

Job Narrative 890-9634-1

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

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

Receipt

The samples were received on 3/12/2026 8:33 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was -10.4°C.

Receipt Exceptions

The following samples were received and analyzed from an unpreserved bulk soil jar: HA - 4 (890-9634-1), HA - 4 (890-9634-2), HA - 5 (890-9634-3), HA - 5 (890-9634-4), HA - 6 (890-9634-5), HA - 6 (890-9634-6), HA - 7 (890-9634-7) and HA - 7 (890-9634-8).

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 8015B NM: Surrogate recovery for the following sample was outside control limits: (MB 880-134823/1-A). Evidence of matrix interferences is not obvious.

Method 8015B NM: Surrogate recovery for the following samples were outside control limits: (LCS 880-134823/2-A), (LCSD 880-134823/3-A), (890-9632-A-11-E MS) and (890-9632-A-11-F MSD). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8015B NM: Surrogate recovery for the following samples were outside control limits: HA - 5 (890-9634-4) and HA - 7 (890-9634-8). Evidence of matrix interferences is not obvious.

Method 8015B NM: Surrogate recovery for the following samples were outside control limits: HA - 4 (890-9634-1), HA - 4 (890-9634-2), HA - 5 (890-9634-3), HA - 6 (890-9634-5), HA - 6 (890-9634-6) and HA - 7 (890-9634-7). 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.

Eurofins Carlsbad

Client Sample Results

Client: Earth Systems Response and Restoration
 Project/Site: AGATE PWU 21 CTB 1

Job ID: 890-9634-1
 SDG: 8744

Client Sample ID: HA - 4

Lab Sample ID: 890-9634-1

Date Collected: 03/11/26 13:15

Matrix: Solid

Date Received: 03/12/26 08:33

Sample Depth: 0.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		03/19/26 12:30	03/19/26 19:41	1
Toluene	<0.00202	U	0.00202		mg/Kg		03/19/26 12:30	03/19/26 19:41	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		03/19/26 12:30	03/19/26 19:41	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		03/19/26 12:30	03/19/26 19:41	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		03/19/26 12:30	03/19/26 19:41	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		03/19/26 12:30	03/19/26 19:41	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	118		70 - 130	03/19/26 12:30	03/19/26 19:41	1
1,4-Difluorobenzene (Surr)	104		70 - 130	03/19/26 12:30	03/19/26 19:41	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			03/19/26 19:41	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			03/18/26 21:44	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		03/13/26 12:39	03/18/26 21:44	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		03/13/26 12:39	03/18/26 21:44	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		03/13/26 12:39	03/18/26 21:44	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	129		70 - 130	03/13/26 12:39	03/18/26 21:44	1
o-Terphenyl	166	S1+	70 - 130	03/13/26 12:39	03/18/26 21:44	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	61.7		10.1		mg/Kg			03/16/26 20:10	1

Client Sample ID: HA - 4

Lab Sample ID: 890-9634-2

Date Collected: 03/11/26 13:20

Matrix: Solid

Date Received: 03/12/26 08:33

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		03/19/26 12:30	03/19/26 20:01	1
Toluene	<0.00199	U	0.00199		mg/Kg		03/19/26 12:30	03/19/26 20:01	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		03/19/26 12:30	03/19/26 20:01	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		03/19/26 12:30	03/19/26 20:01	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		03/19/26 12:30	03/19/26 20:01	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		03/19/26 12:30	03/19/26 20:01	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	105		70 - 130	03/19/26 12:30	03/19/26 20:01	1

Eurofins Carlsbad

Client Sample Results

Client: Earth Systems Response and Restoration
 Project/Site: AGATE PWU 21 CTB 1

Job ID: 890-9634-1
 SDG: 8744

Client Sample ID: HA - 4

Lab Sample ID: 890-9634-2

Date Collected: 03/11/26 13:20

Matrix: Solid

Date Received: 03/12/26 08:33

Sample Depth: 4

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	102		70 - 130	03/19/26 12:30	03/19/26 20:01	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			03/19/26 20:01	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			03/18/26 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		03/13/26 12:39	03/18/26 21:59	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		03/13/26 12:39	03/18/26 21:59	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		03/13/26 12:39	03/18/26 21:59	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	130		70 - 130	03/13/26 12:39	03/18/26 21:59	1
o-Terphenyl	163	S1+	70 - 130	03/13/26 12:39	03/18/26 21:59	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	99.7		10.1		mg/Kg			03/16/26 20:30	1

Client Sample ID: HA - 5

Lab Sample ID: 890-9634-3

Date Collected: 03/11/26 13:25

Matrix: Solid

Date Received: 03/12/26 08:33

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		03/19/26 12:30	03/19/26 20:22	1
Toluene	<0.00201	U	0.00201		mg/Kg		03/19/26 12:30	03/19/26 20:22	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		03/19/26 12:30	03/19/26 20:22	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		03/19/26 12:30	03/19/26 20:22	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		03/19/26 12:30	03/19/26 20:22	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		03/19/26 12:30	03/19/26 20:22	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	115		70 - 130	03/19/26 12:30	03/19/26 20:22	1
1,4-Difluorobenzene (Surr)	113		70 - 130	03/19/26 12:30	03/19/26 20:22	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			03/19/26 20:22	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			03/18/26 22:14	1

Eurofins Carlsbad

Client Sample Results

Client: Earth Systems Response and Restoration
 Project/Site: AGATE PWU 21 CTB 1

Job ID: 890-9634-1
 SDG: 8744

Client Sample ID: HA - 5

Lab Sample ID: 890-9634-3

Date Collected: 03/11/26 13:25

Matrix: Solid

Date Received: 03/12/26 08:33

Sample Depth: 0.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		03/13/26 12:39	03/18/26 22:14	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		03/13/26 12:39	03/18/26 22:14	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		03/13/26 12:39	03/18/26 22:14	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	126		70 - 130				03/13/26 12:39	03/18/26 22:14	1
o-Terphenyl	157	S1+	70 - 130				03/13/26 12:39	03/18/26 22:14	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	399		10.0		mg/Kg			03/16/26 20:36	1

Client Sample ID: HA - 5

Lab Sample ID: 890-9634-4

Date Collected: 03/11/26 13:30

Matrix: Solid

Date Received: 03/12/26 08:33

Sample Depth: 4

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		03/19/26 12:30	03/19/26 20:42	1
Toluene	<0.00198	U	0.00198		mg/Kg		03/19/26 12:30	03/19/26 20:42	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		03/19/26 12:30	03/19/26 20:42	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		03/19/26 12:30	03/19/26 20:42	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		03/19/26 12:30	03/19/26 20:42	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		03/19/26 12:30	03/19/26 20:42	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	113		70 - 130				03/19/26 12:30	03/19/26 20:42	1
1,4-Difluorobenzene (Surr)	106		70 - 130				03/19/26 12:30	03/19/26 20:42	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			03/19/26 20:42	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			03/18/26 22:29	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		03/13/26 12:39	03/18/26 22:29	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		03/13/26 12:39	03/18/26 22:29	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		03/13/26 12:39	03/18/26 22:29	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	136	S1+	70 - 130				03/13/26 12:39	03/18/26 22:29	1
o-Terphenyl	167	S1+	70 - 130				03/13/26 12:39	03/18/26 22:29	1

Eurofins Carlsbad

Client Sample Results

Client: Earth Systems Response and Restoration
 Project/Site: AGATE PWU 21 CTB 1

Job ID: 890-9634-1
 SDG: 8744

Client Sample ID: HA - 5

Lab Sample ID: 890-9634-4

Date Collected: 03/11/26 13:30

Matrix: Solid

Date Received: 03/12/26 08:33

Sample Depth: 4

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	55.9		10.0		mg/Kg			03/16/26 20:43	1

Client Sample ID: HA - 6

Lab Sample ID: 890-9634-5

Date Collected: 03/11/26 13:35

Matrix: Solid

Date Received: 03/12/26 08:33

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		03/19/26 12:30	03/19/26 21:03	1
Toluene	<0.00200	U	0.00200		mg/Kg		03/19/26 12:30	03/19/26 21:03	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		03/19/26 12:30	03/19/26 21:03	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		03/19/26 12:30	03/19/26 21:03	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		03/19/26 12:30	03/19/26 21:03	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		03/19/26 12:30	03/19/26 21:03	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	117		70 - 130				03/19/26 12:30	03/19/26 21:03	1
1,4-Difluorobenzene (Surr)	116		70 - 130				03/19/26 12:30	03/19/26 21:03	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			03/19/26 21:03	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			03/18/26 22:45	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		03/13/26 12:39	03/18/26 22:45	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		03/13/26 12:39	03/18/26 22:45	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		03/13/26 12:39	03/18/26 22:45	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	120		70 - 130				03/13/26 12:39	03/18/26 22:45	1
o-Terphenyl	152	S1+	70 - 130				03/13/26 12:39	03/18/26 22:45	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	18.8		9.96		mg/Kg			03/16/26 20:50	1

Client Sample Results

Client: Earth Systems Response and Restoration
 Project/Site: AGATE PWU 21 CTB 1

Job ID: 890-9634-1
 SDG: 8744

Client Sample ID: HA - 6

Lab Sample ID: 890-9634-6

Date Collected: 03/11/26 13:40

Matrix: Solid

Date Received: 03/12/26 08:33

Sample Depth: 4

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		03/19/26 12:30	03/19/26 21:23	1
Toluene	<0.00201	U	0.00201		mg/Kg		03/19/26 12:30	03/19/26 21:23	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		03/19/26 12:30	03/19/26 21:23	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		03/19/26 12:30	03/19/26 21:23	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		03/19/26 12:30	03/19/26 21:23	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		03/19/26 12:30	03/19/26 21:23	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	111		70 - 130	03/19/26 12:30	03/19/26 21:23	1
1,4-Difluorobenzene (Surr)	111		70 - 130	03/19/26 12:30	03/19/26 21:23	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			03/19/26 21:23	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			03/18/26 22:59	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	<50.0	U	50.0		mg/Kg		03/13/26 12:39	03/18/26 22:59	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		03/13/26 12:39	03/18/26 22:59	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		03/13/26 12:39	03/18/26 22:59	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	121		70 - 130	03/13/26 12:39	03/18/26 22:59	1
o-Terphenyl	152	S1+	70 - 130	03/13/26 12:39	03/18/26 22:59	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	17.4		9.98		mg/Kg			03/16/26 21:10	1

Client Sample ID: HA - 7

Lab Sample ID: 890-9634-7

Date Collected: 03/11/26 13:45

Matrix: Solid

Date Received: 03/12/26 08:33

Sample Depth: 0.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		03/19/26 12:30	03/19/26 21:44	1
Toluene	<0.00202	U	0.00202		mg/Kg		03/19/26 12:30	03/19/26 21:44	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		03/19/26 12:30	03/19/26 21:44	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		03/19/26 12:30	03/19/26 21:44	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		03/19/26 12:30	03/19/26 21:44	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		03/19/26 12:30	03/19/26 21:44	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	107		70 - 130	03/19/26 12:30	03/19/26 21:44	1

Eurofins Carlsbad

Client Sample Results

Client: Earth Systems Response and Restoration
 Project/Site: AGATE PWU 21 CTB 1

Job ID: 890-9634-1
 SDG: 8744

Client Sample ID: HA - 7

Lab Sample ID: 890-9634-7

Date Collected: 03/11/26 13:45

Matrix: Solid

Date Received: 03/12/26 08:33

Sample Depth: 0.5

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	107		70 - 130	03/19/26 12:30	03/19/26 21:44	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			03/19/26 21:44	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	898		49.9		mg/Kg			03/18/26 23:14	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		03/13/26 12:39	03/18/26 23:14	1
Diesel Range Organics (Over C10-C28)	802		49.9		mg/Kg		03/13/26 12:39	03/18/26 23:14	1
Oil Range Organics (Over C28-C36)	96.3		49.9		mg/Kg		03/13/26 12:39	03/18/26 23:14	1
Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac			
1-Chlorooctane	126		70 - 130	03/13/26 12:39	03/18/26 23:14	1			
o-Terphenyl	168	S1+	70 - 130	03/13/26 12:39	03/18/26 23:14	1			

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<9.92	U	9.92		mg/Kg			03/16/26 21:16	1

Client Sample ID: HA - 7

Lab Sample ID: 890-9634-8

Date Collected: 03/11/26 13:50

Matrix: Solid

Date Received: 03/12/26 08:33

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		03/19/26 12:30	03/19/26 22:05	1
Toluene	<0.00199	U	0.00199		mg/Kg		03/19/26 12:30	03/19/26 22:05	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		03/19/26 12:30	03/19/26 22:05	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		03/19/26 12:30	03/19/26 22:05	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		03/19/26 12:30	03/19/26 22:05	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		03/19/26 12:30	03/19/26 22:05	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	105		70 - 130	03/19/26 12:30	03/19/26 22:05	1
1,4-Difluorobenzene (Surr)	102		70 - 130	03/19/26 12:30	03/19/26 22:05	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			03/19/26 22:05	1

Eurofins Carlsbad

Client Sample Results

Client: Earth Systems Response and Restoration
 Project/Site: AGATE PWU 21 CTB 1

Job ID: 890-9634-1
 SDG: 8744

Client Sample ID: HA - 7

Lab Sample ID: 890-9634-8

Date Collected: 03/11/26 13:50

Matrix: Solid

Date Received: 03/12/26 08:33

Sample Depth: 4

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			03/18/26 23:29	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		03/13/26 12:39	03/18/26 23:29	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		03/13/26 12:39	03/18/26 23:29	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		03/13/26 12:39	03/18/26 23:29	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	133	S1+	70 - 130	03/13/26 12:39	03/18/26 23:29	1
o-Terphenyl	158	S1+	70 - 130	03/13/26 12:39	03/18/26 23:29	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	95.0		10.1		mg/Kg			03/16/26 21:23	1

Surrogate Summary

Client: Earth Systems Response and Restoration
Project/Site: AGATE PWU 21 CTB 1

Job ID: 890-9634-1
SDG: 8744

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)	
		BFB1 (70-130)	DFBZ1 (70-130)
890-9634-1	HA - 4	118	104
890-9634-2	HA - 4	105	102
890-9634-3	HA - 5	115	113
890-9634-4	HA - 5	113	106
890-9634-5	HA - 6	117	116
890-9634-6	HA - 6	111	111
890-9634-7	HA - 7	107	107
890-9634-8	HA - 7	105	102
LCS 880-134819/1-A	Lab Control Sample	81	94
LCSD 880-134819/2-A	Lab Control Sample Dup	84	100
MB 880-134819/5-A	Method Blank	104	102

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

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

Matrix: Solid

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)	
		1CO1 (70-130)	OTPH1 (70-130)
890-9634-1	HA - 4	129	166 S1+
890-9634-2	HA - 4	130	163 S1+
890-9634-3	HA - 5	126	157 S1+
890-9634-4	HA - 5	136 S1+	167 S1+
890-9634-5	HA - 6	120	152 S1+
890-9634-6	HA - 6	121	152 S1+
890-9634-7	HA - 7	126	168 S1+
890-9634-8	HA - 7	133 S1+	158 S1+
LCS 880-134823/2-A	Lab Control Sample	141 S1+	136 S1+
LCSD 880-134823/3-A	Lab Control Sample Dup	142 S1+	138 S1+
MB 880-134823/1-A	Method Blank	119	146 S1+

Surrogate Legend
1CO = 1-Chlorooctane
OTPH = o-Terphenyl

Eurofins Carlsbad

QC Sample Results

Client: Earth Systems Response and Restoration
 Project/Site: AGATE PWU 21 CTB 1

Job ID: 890-9634-1
 SDG: 8744

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-134819/5-A
 Matrix: Solid
 Analysis Batch: 135355

Client Sample ID: Method Blank
 Prep Type: Total/NA
 Prep Batch: 134819

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		03/13/26 12:30	03/19/26 13:57	1
Toluene	<0.00200	U	0.00200		mg/Kg		03/13/26 12:30	03/19/26 13:57	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		03/13/26 12:30	03/19/26 13:57	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		03/13/26 12:30	03/19/26 13:57	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		03/13/26 12:30	03/19/26 13:57	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		03/13/26 12:30	03/19/26 13:57	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		70 - 130	03/13/26 12:30	03/19/26 13:57	1
1,4-Difluorobenzene (Surr)	102		70 - 130	03/13/26 12:30	03/19/26 13:57	1

Lab Sample ID: LCS 880-134819/1-A
 Matrix: Solid
 Analysis Batch: 135355

Client Sample ID: Lab Control Sample
 Prep Type: Total/NA
 Prep Batch: 134819

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.1058		mg/Kg		106	70 - 130
Toluene	0.100	0.1067		mg/Kg		107	70 - 130
Ethylbenzene	0.100	0.1013		mg/Kg		101	70 - 130
m-Xylene & p-Xylene	0.200	0.1792		mg/Kg		90	70 - 130
o-Xylene	0.100	0.08702		mg/Kg		87	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	81		70 - 130
1,4-Difluorobenzene (Surr)	94		70 - 130

Lab Sample ID: LCSD 880-134819/2-A
 Matrix: Solid
 Analysis Batch: 135355

Client Sample ID: Lab Control Sample Dup
 Prep Type: Total/NA
 Prep Batch: 134819

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	Limit
Benzene	0.100	0.09951		mg/Kg		100	70 - 130	6	35
Toluene	0.100	0.09211		mg/Kg		92	70 - 130	15	35
Ethylbenzene	0.100	0.07924		mg/Kg		79	70 - 130	24	35
m-Xylene & p-Xylene	0.200	0.1501		mg/Kg		75	70 - 130	18	35
o-Xylene	0.100	0.07491		mg/Kg		75	70 - 130	15	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	84		70 - 130
1,4-Difluorobenzene (Surr)	100		70 - 130

QC Sample Results

Client: Earth Systems Response and Restoration
 Project/Site: AGATE PWU 21 CTB 1

Job ID: 890-9634-1
 SDG: 8744

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

Lab Sample ID: MB 880-134823/1-A
 Matrix: Solid
 Analysis Batch: 135260

Client Sample ID: Method Blank
 Prep Type: Total/NA
 Prep Batch: 134823

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		03/13/26 12:39	03/18/26 17:39	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		03/13/26 12:39	03/18/26 17:39	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		03/13/26 12:39	03/18/26 17:39	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	119		70 - 130	03/13/26 12:39	03/18/26 17:39	1
o-Terphenyl	146	S1+	70 - 130	03/13/26 12:39	03/18/26 17:39	1

Lab Sample ID: LCS 880-134823/2-A
 Matrix: Solid
 Analysis Batch: 135260

Client Sample ID: Lab Control Sample
 Prep Type: Total/NA
 Prep Batch: 134823

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	1130		mg/Kg		113	70 - 130
Diesel Range Organics (Over C10-C28)	1000	1088		mg/Kg		109	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1-Chlorooctane	141	S1+	70 - 130
o-Terphenyl	136	S1+	70 - 130

Lab Sample ID: LCSD 880-134823/3-A
 Matrix: Solid
 Analysis Batch: 135260

Client Sample ID: Lab Control Sample Dup
 Prep Type: Total/NA
 Prep Batch: 134823

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	1089		mg/Kg		109	70 - 130	4	20
Diesel Range Organics (Over C10-C28)	1000	1101		mg/Kg		110	70 - 130	1	20

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1-Chlorooctane	142	S1+	70 - 130
o-Terphenyl	138	S1+	70 - 130

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-134864/1-A
 Matrix: Solid
 Analysis Batch: 134975

Client Sample ID: Method Blank
 Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0		mg/Kg			03/16/26 19:50	1

Eurofins Carlsbad

QC Sample Results

Client: Earth Systems Response and Restoration
 Project/Site: AGATE PWU 21 CTB 1

Job ID: 890-9634-1
 SDG: 8744

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: LCS 880-134864/2-A
Matrix: Solid
Analysis Batch: 134975

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	246.6		mg/Kg		99	90 - 110

Lab Sample ID: LCSD 880-134864/3-A
Matrix: Solid
Analysis Batch: 134975

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	247.4		mg/Kg		99	90 - 110	0	20

Lab Sample ID: 890-9634-1 MS
Matrix: Solid
Analysis Batch: 134975

Client Sample ID: HA - 4
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	61.7		252	318.3		mg/Kg		102	90 - 110

Lab Sample ID: 890-9634-1 MSD
Matrix: Solid
Analysis Batch: 134975

Client Sample ID: HA - 4
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	61.7		252	318.7		mg/Kg		102	90 - 110	0	20

QC Association Summary

Client: Earth Systems Response and Restoration
 Project/Site: AGATE PWU 21 CTB 1

Job ID: 890-9634-1
 SDG: 8744

GC VOA

Prep Batch: 134819

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9634-1	HA - 4	Total/NA	Solid	5035	
890-9634-2	HA - 4	Total/NA	Solid	5035	
890-9634-3	HA - 5	Total/NA	Solid	5035	
890-9634-4	HA - 5	Total/NA	Solid	5035	
890-9634-5	HA - 6	Total/NA	Solid	5035	
890-9634-6	HA - 6	Total/NA	Solid	5035	
890-9634-7	HA - 7	Total/NA	Solid	5035	
890-9634-8	HA - 7	Total/NA	Solid	5035	
MB 880-134819/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-134819/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-134819/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	

Analysis Batch: 135355

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9634-1	HA - 4	Total/NA	Solid	8021B	134819
890-9634-2	HA - 4	Total/NA	Solid	8021B	134819
890-9634-3	HA - 5	Total/NA	Solid	8021B	134819
890-9634-4	HA - 5	Total/NA	Solid	8021B	134819
890-9634-5	HA - 6	Total/NA	Solid	8021B	134819
890-9634-6	HA - 6	Total/NA	Solid	8021B	134819
890-9634-7	HA - 7	Total/NA	Solid	8021B	134819
890-9634-8	HA - 7	Total/NA	Solid	8021B	134819
MB 880-134819/5-A	Method Blank	Total/NA	Solid	8021B	134819
LCS 880-134819/1-A	Lab Control Sample	Total/NA	Solid	8021B	134819
LCSD 880-134819/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	134819

Analysis Batch: 135533

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9634-1	HA - 4	Total/NA	Solid	Total BTEX	
890-9634-2	HA - 4	Total/NA	Solid	Total BTEX	
890-9634-3	HA - 5	Total/NA	Solid	Total BTEX	
890-9634-4	HA - 5	Total/NA	Solid	Total BTEX	
890-9634-5	HA - 6	Total/NA	Solid	Total BTEX	
890-9634-6	HA - 6	Total/NA	Solid	Total BTEX	
890-9634-7	HA - 7	Total/NA	Solid	Total BTEX	
890-9634-8	HA - 7	Total/NA	Solid	Total BTEX	

GC Semi VOA

Prep Batch: 134823

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9634-1	HA - 4	Total/NA	Solid	8015NM Prep	
890-9634-2	HA - 4	Total/NA	Solid	8015NM Prep	
890-9634-3	HA - 5	Total/NA	Solid	8015NM Prep	
890-9634-4	HA - 5	Total/NA	Solid	8015NM Prep	
890-9634-5	HA - 6	Total/NA	Solid	8015NM Prep	
890-9634-6	HA - 6	Total/NA	Solid	8015NM Prep	
890-9634-7	HA - 7	Total/NA	Solid	8015NM Prep	
890-9634-8	HA - 7	Total/NA	Solid	8015NM Prep	
MB 880-134823/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-134823/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	

Eurofins Carlsbad

QC Association Summary

Client: Earth Systems Response and Restoration
 Project/Site: AGATE PWU 21 CTB 1

Job ID: 890-9634-1
 SDG: 8744

GC Semi VOA (Continued)

Prep Batch: 134823 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCSD 880-134823/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	

Analysis Batch: 135260

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9634-1	HA - 4	Total/NA	Solid	8015B NM	134823
890-9634-2	HA - 4	Total/NA	Solid	8015B NM	134823
890-9634-3	HA - 5	Total/NA	Solid	8015B NM	134823
890-9634-4	HA - 5	Total/NA	Solid	8015B NM	134823
890-9634-5	HA - 6	Total/NA	Solid	8015B NM	134823
890-9634-6	HA - 6	Total/NA	Solid	8015B NM	134823
890-9634-7	HA - 7	Total/NA	Solid	8015B NM	134823
890-9634-8	HA - 7	Total/NA	Solid	8015B NM	134823
MB 880-134823/1-A	Method Blank	Total/NA	Solid	8015B NM	134823
LCS 880-134823/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	134823
LCSD 880-134823/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	134823

Analysis Batch: 135416

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9634-1	HA - 4	Total/NA	Solid	8015 NM	
890-9634-2	HA - 4	Total/NA	Solid	8015 NM	
890-9634-3	HA - 5	Total/NA	Solid	8015 NM	
890-9634-4	HA - 5	Total/NA	Solid	8015 NM	
890-9634-5	HA - 6	Total/NA	Solid	8015 NM	
890-9634-6	HA - 6	Total/NA	Solid	8015 NM	
890-9634-7	HA - 7	Total/NA	Solid	8015 NM	
890-9634-8	HA - 7	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 134864

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9634-1	HA - 4	Soluble	Solid	DI Leach	
890-9634-2	HA - 4	Soluble	Solid	DI Leach	
890-9634-3	HA - 5	Soluble	Solid	DI Leach	
890-9634-4	HA - 5	Soluble	Solid	DI Leach	
890-9634-5	HA - 6	Soluble	Solid	DI Leach	
890-9634-6	HA - 6	Soluble	Solid	DI Leach	
890-9634-7	HA - 7	Soluble	Solid	DI Leach	
890-9634-8	HA - 7	Soluble	Solid	DI Leach	
MB 880-134864/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-134864/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-134864/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
890-9634-1 MS	HA - 4	Soluble	Solid	DI Leach	
890-9634-1 MSD	HA - 4	Soluble	Solid	DI Leach	

Analysis Batch: 134975

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9634-1	HA - 4	Soluble	Solid	300.0	134864
890-9634-2	HA - 4	Soluble	Solid	300.0	134864
890-9634-3	HA - 5	Soluble	Solid	300.0	134864
890-9634-4	HA - 5	Soluble	Solid	300.0	134864

Eurofins Carlsbad

QC Association Summary

Client: Earth Systems Response and Restoration
Project/Site: AGATE PWU 21 CTB 1

Job ID: 890-9634-1
SDG: 8744

HPLC/IC (Continued)

Analysis Batch: 134975 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9634-5	HA - 6	Soluble	Solid	300.0	134864
890-9634-6	HA - 6	Soluble	Solid	300.0	134864
890-9634-7	HA - 7	Soluble	Solid	300.0	134864
890-9634-8	HA - 7	Soluble	Solid	300.0	134864
MB 880-134864/1-A	Method Blank	Soluble	Solid	300.0	134864
LCS 880-134864/2-A	Lab Control Sample	Soluble	Solid	300.0	134864
LCSD 880-134864/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	134864
890-9634-1 MS	HA - 4	Soluble	Solid	300.0	134864
890-9634-1 MSD	HA - 4	Soluble	Solid	300.0	134864

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

Lab Chronicle

Client: Earth Systems Response and Restoration
 Project/Site: AGATE PWU 21 CTB 1

Job ID: 890-9634-1
 SDG: 8744

Client Sample ID: HA - 4

Lab Sample ID: 890-9634-1

Date Collected: 03/11/26 13:15

Matrix: Solid

Date Received: 03/12/26 08:33

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	134819	03/19/26 12:30	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	135355	03/19/26 19:41	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			135533	03/19/26 19:41	SA	EET MID
Total/NA	Analysis	8015 NM		1			135416	03/18/26 21:44	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	134823	03/13/26 12:39	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	135260	03/18/26 21:44	FC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	134864	03/13/26 16:24	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	134975	03/16/26 20:10	CS	EET MID

Client Sample ID: HA - 4

Lab Sample ID: 890-9634-2

Date Collected: 03/11/26 13:20

Matrix: Solid

Date Received: 03/12/26 08:33

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	134819	03/19/26 12:30	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	135355	03/19/26 20:01	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			135533	03/19/26 20:01	SA	EET MID
Total/NA	Analysis	8015 NM		1			135416	03/18/26 21:59	SA	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10.00 mL	134823	03/13/26 12:39	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	135260	03/18/26 21:59	FC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	134864	03/13/26 16:24	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	134975	03/16/26 20:30	CS	EET MID

Client Sample ID: HA - 5

Lab Sample ID: 890-9634-3

Date Collected: 03/11/26 13:25

Matrix: Solid

Date Received: 03/12/26 08:33

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	134819	03/19/26 12:30	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	135355	03/19/26 20:22	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			135533	03/19/26 20:22	SA	EET MID
Total/NA	Analysis	8015 NM		1			135416	03/18/26 22:14	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	134823	03/13/26 12:39	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	135260	03/18/26 22:14	FC	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	134864	03/13/26 16:24	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	134975	03/16/26 20:36	CS	EET MID

Client Sample ID: HA - 5

Lab Sample ID: 890-9634-4

Date Collected: 03/11/26 13:30

Matrix: Solid

Date Received: 03/12/26 08:33

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	134819	03/19/26 12:30	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	135355	03/19/26 20:42	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			135533	03/19/26 20:42	SA	EET MID

Eurofins Carlsbad

Lab Chronicle

Client: Earth Systems Response and Restoration
 Project/Site: AGATE PWU 21 CTB 1

Job ID: 890-9634-1
 SDG: 8744

Client Sample ID: HA - 5

Lab Sample ID: 890-9634-4

Date Collected: 03/11/26 13:30

Matrix: Solid

Date Received: 03/12/26 08:33

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			135416	03/18/26 22:29	SA	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10.00 mL	134823	03/13/26 12:39	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	135260	03/18/26 22:29	FC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	134864	03/13/26 16:24	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	134975	03/16/26 20:43	CS	EET MID

Client Sample ID: HA - 6

Lab Sample ID: 890-9634-5

Date Collected: 03/11/26 13:35

Matrix: Solid

Date Received: 03/12/26 08:33

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	134819	03/19/26 12:30	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	135355	03/19/26 21:03	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			135533	03/19/26 21:03	SA	EET MID
Total/NA	Analysis	8015 NM		1			135416	03/18/26 22:45	SA	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10.00 mL	134823	03/13/26 12:39	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	135260	03/18/26 22:45	FC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	134864	03/13/26 16:24	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	134975	03/16/26 20:50	CS	EET MID

Client Sample ID: HA - 6

Lab Sample ID: 890-9634-6

Date Collected: 03/11/26 13:40

Matrix: Solid

Date Received: 03/12/26 08:33

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	134819	03/19/26 12:30	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	135355	03/19/26 21:23	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			135533	03/19/26 21:23	SA	EET MID
Total/NA	Analysis	8015 NM		1			135416	03/18/26 22:59	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	134823	03/13/26 12:39	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	135260	03/18/26 22:59	FC	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	134864	03/13/26 16:24	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	134975	03/16/26 21:10	CS	EET MID

Client Sample ID: HA - 7

Lab Sample ID: 890-9634-7

Date Collected: 03/11/26 13:45

Matrix: Solid

Date Received: 03/12/26 08:33

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	134819	03/19/26 12:30	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	135355	03/19/26 21:44	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			135533	03/19/26 21:44	SA	EET MID
Total/NA	Analysis	8015 NM		1			135416	03/18/26 23:14	SA	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10.00 mL	134823	03/13/26 12:39	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	135260	03/18/26 23:14	FC	EET MID

Eurofins Carlsbad

Lab Chronicle

Client: Earth Systems Response and Restoration
 Project/Site: AGATE PWU 21 CTB 1

Job ID: 890-9634-1
 SDG: 8744

Client Sample ID: HA - 7

Lab Sample ID: 890-9634-7

Date Collected: 03/11/26 13:45

Matrix: Solid

Date Received: 03/12/26 08:33

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	134864	03/13/26 16:24	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	134975	03/16/26 21:16	CS	EET MID

Client Sample ID: HA - 7

Lab Sample ID: 890-9634-8

Date Collected: 03/11/26 13:50

Matrix: Solid

Date Received: 03/12/26 08:33

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	134819	03/19/26 12:30	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	135355	03/19/26 22:05	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			135533	03/19/26 22:05	SA	EET MID
Total/NA	Analysis	8015 NM		1			135416	03/18/26 23:29	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	134823	03/13/26 12:39	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	135260	03/18/26 23:29	FC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	134864	03/13/26 16:24	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	134975	03/16/26 21:23	CS	EET MID

Laboratory References:

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

Accreditation/Certification Summary

Client: Earth Systems Response and Restoration
Project/Site: AGATE PWU 21 CTB 1

Job ID: 890-9634-1
SDG: 8744

Laboratory: Eurofins Midland

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

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704400	06-30-26

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

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

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

Method Summary

Client: Earth Systems Response and Restoration
Project/Site: AGATE PWU 21 CTB 1

Job ID: 890-9634-1
SDG: 8744

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: AGATE PWU 21 CTB 1

Job ID: 890-9634-1
SDG: 8744

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Depth
890-9634-1	HA - 4	Solid	03/11/26 13:15	03/12/26 08:33	0.5
890-9634-2	HA - 4	Solid	03/11/26 13:20	03/12/26 08:33	4
890-9634-3	HA - 5	Solid	03/11/26 13:25	03/12/26 08:33	0.5
890-9634-4	HA - 5	Solid	03/11/26 13:30	03/12/26 08:33	4
890-9634-5	HA - 6	Solid	03/11/26 13:35	03/12/26 08:33	0.5
890-9634-6	HA - 6	Solid	03/11/26 13:40	03/12/26 08:33	4
890-9634-7	HA - 7	Solid	03/11/26 13:45	03/12/26 08:33	0.5
890-9634-8	HA - 7	Solid	03/11/26 13:50	03/12/26 08:33	4

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

Login Sample Receipt Checklist

Client: Earth Systems Response and Restoration

Job Number: 890-9634-1

SDG Number: 8744

Login Number: 9634

List Number: 1

Creator: Bruns, Shannon

List Source: Eurofins Carlsbad

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

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

Login Sample Receipt Checklist

Client: Earth Systems Response and Restoration

Job Number: 890-9634-1

SDG Number: 8744

Login Number: 9634

List Number: 2

Creator: Laing, Edmundo

List Source: Eurofins Midland

List Creation: 03/13/26 10:11 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	

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

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 585260

QUESTIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 585260
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2602730341
Incident Name	NAPP2602730341 AGATE PWU 21 CTB 1 @ FAPP2129451057
Incident Type	Produced Water Release
Incident Status	Remediation Plan Received
Incident Facility	[fAPP2129451057] AGATE PWU 21 CTB 1

Location of Release Source	
<i>Please answer all the questions in this group.</i>	
Site Name	AGATE PWU 21 CTB 1
Date Release Discovered	01/26/2026
Surface Owner	State

Incident Details	
<i>Please answer all the questions in this group.</i>	
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	
<i>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.</i>	
Crude Oil Released (bbls) Details	Not answered.
Produced Water Released (bbls) Details	Cause: Equipment Failure Dump Line Produced Water Released: 21 BBL Recovered: 0 BBL Lost: 21 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)	Dumpline failure allowed fluids to impact pad surface.

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, Page 2

Action 585260

QUESTIONS (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 585260
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

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	<i>Unavailable.</i>

With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.e. gas only) are to be submitted on the C-129 form.

Initial Response

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

The source of the release has been stopped	True
The impacted area has been secured to protect human health and the environment	True
Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices	True
All free liquids and recoverable materials have been removed and managed appropriately	True
If all the actions described above have not been undertaken, explain why	<i>Not answered.</i>

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: James Raley Title: EHS Professional Email: jim.raley@dvn.com Date: 05/14/2026
--	--

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

General Information
Phone: (505) 629-6116

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

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

QUESTIONS, Page 3

Action 585260

QUESTIONS (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 585260
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

QUESTIONS

Site Characterization
Please answer all the questions in this group (only required when seeking remediation plan approval and beyond). This information must be provided to the appropriate district office no later than 90 days after the release discovery date.

What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (ft bgs)	Between 51 and 75 (ft.)
What method was used to determine the depth to ground water	NM OSE iWaters Database Search
Did this release impact groundwater or surface water	No
What is the minimum distance, between the closest lateral extents of the release and the following surface areas:	
A continuously flowing watercourse or any other significant watercourse	Between 1000 (ft.) and ½ (mi.)
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Between 1000 (ft.) and ½ (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 1000 (ft.) and ½ (mi.)
Any other fresh water well or spring	Between 1000 (ft.) and ½ (mi.)
Incorporated municipal boundaries or a defined municipal fresh water well field	Greater than 5 (mi.)
A wetland	Between 1000 (ft.) and ½ (mi.)
A subsurface mine	Greater than 5 (mi.)
An (non-karst) unstable area	Between 1000 (ft.) and ½ (mi.)
Categorize the risk of this well / site being in a karst geology	High
A 100-year floodplain	Between ½ and 1 (mi.)
Did the release impact areas not on an exploration, development, production, or storage site	No

Remediation Plan
Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.

Requesting a remediation plan approval with this submission	Yes
<i>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.</i>	
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)	5170
TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M)	17100
GRO+DRO (EPA SW-846 Method 8015M)	17100
BTEX (EPA SW-846 Method 8021B or 8260B)	395
Benzene (EPA SW-846 Method 8021B or 8260B)	15

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	06/01/2026
On what date will (or did) the final sampling or liner inspection occur	03/11/2026
On what date will (or was) the remediation complete(d)	06/01/2026
What is the estimated surface area (in square feet) that will be reclaimed	619
What is the estimated volume (in cubic yards) that will be reclaimed	36
What is the estimated surface area (in square feet) that will be remediated	1447
What is the estimated volume (in cubic yards) that will be remediated	45

These estimated dates and measurements are recognized to be the best guess or calculation at the time of submission and may (be) change(d) over time as more remediation efforts are completed. The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.

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

General Information
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, Page 4

Action 585260

QUESTIONS (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 585260
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

QUESTIONS

Remediation Plan (continued)

Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.

This remediation will (or is expected to) utilize the following processes to remediate / reduce contaminants:

(Select all answers below that apply.)

(Ex Situ) Excavation and off-site disposal (i.e. dig and haul, hydrovac, etc.)	Yes
Which OCD approved facility will be used for off-site disposal	FEEM0112342028 LEA LAND LANDFILL
OR which OCD approved well (API) will be used for off-site disposal	Not answered.
OR is the off-site disposal site, to be used, out-of-state	Not answered.
OR is the off-site disposal site, to be used, an NMED facility	Not answered.
(Ex Situ) Excavation and on-site remediation (i.e. On-Site Land Farms)	Not answered.
(In Situ) Soil Vapor Extraction	Not answered.
(In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.)	Not answered.
(In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.)	Not answered.
(In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.)	Not answered.
Ground Water Abatement pursuant to 19.15.30 NMAC	Not answered.
OTHER (Non-listed remedial process)	Not answered.

Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.

I hereby agree and sign off to the above statement	Name: James Raley Title: EHS Professional Email: jim.raley@dvn.com Date: 05/14/2026
--	--

The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.

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

General Information
Phone: (505) 629-6116

Online Phone Directory
<https://www.emnrd.nm.gov/oecd/contact-us>

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

QUESTIONS, Page 5

Action 585260

QUESTIONS (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 585260
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

QUESTIONS

Deferral Requests Only	
<i>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.</i>	
Requesting a deferral of the remediation closure due date with the approval of this submission	No

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, Page 6

Action 585260

QUESTIONS (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 585260
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

QUESTIONS

Sampling Event Information	
Last sampling notification (C-141N) recorded	561169
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	03/11/2026
What was the (estimated) number of samples that were to be gathered	20
What was the sampling surface area in square feet	1000

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	No
--	-----------

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 585260

CONDITIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 585260
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

CONDITIONS

Created By	Condition	Condition Date
rhamlet	The Remediation Plan is Conditionally Approved. All samples must be analyzed for all constituents listed in Table I of 19.15.29.12 NMAC. The release area will need confirmation samples representing no more than 200 ft ² . Due to the sensitive nature of the release location and the site being located in critical karst (unstable area), the site will need to be remediated to the strictest closure criteria from Table 1 of the OCD Spill Rule. Any area designated as a "release area" will need to have 5-point composite confirmation soil samples conducted within the entire boundary of that area. Sidewall/Edge samples should be delineated/excavated to 600 mg/kg for chlorides and 100 mg/kg for TPH to define the edge of the release. Please make sure that the edge of the release extent is accurately defined, especially around equipment. Make sure samples are taken up against equipment to verify contaminants didn't go underneath.	6/1/2026
rhamlet	If you believe certain areas will require a deferral, please make sure that they have been fully delineated and specify the exact soil sample locations. The OCD needs to see that every measure has been taken to remediate the release before a deferral can be granted. After all possible contaminated soil has been removed, a formal deferral request will need to be uploaded to the OCD Permitting Portal for review.	6/1/2026